

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038389.D
 Acq On : 19 Oct 2023 17:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 03:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	132469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98454	46.208	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.420%			
35) Dibromofluoromethane	5.379	113	82933	51.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	8.647	98	312893	51.166	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	127181	54.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	72587	56.768	ug/l	97
3) Chloromethane	1.294	50	67077	51.470	ug/l	95
4) Vinyl Chloride	1.374	62	80784	55.908	ug/l	98
5) Bromomethane	1.599	94	117499	62.122	ug/l	98
6) Chloroethane	1.678	64	58496	54.851	ug/l	96
7) Trichlorofluoromethane	1.886	101	161873	56.716	ug/l	99
8) Diethyl Ether	2.130	74	55461	52.103	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	70826	56.844	ug/l	96
10) Methyl Iodide	2.447	142	89807	50.095	ug/l	94
11) Tert butyl alcohol	2.959	59	105740	223.648	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	68095	56.185	ug/l	85
13) Acrolein	2.233	56	60972	201.295	ug/l	100
14) Allyl chloride	2.660	41	107932	49.788	ug/l	93
15) Acrylonitrile	3.056	53	245565	253.257	ug/l	99
16) Acetone	2.373	43	204236	229.675	ug/l	94
17) Carbon Disulfide	2.508	76	164021	46.955	ug/l	99
18) Methyl Acetate	2.696	43	203652	53.405	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	249612	51.712	ug/l	99
20) Methylene Chloride	2.788	84	80661	48.224	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	79520	52.991	ug/l	92
22) Diisopropyl ether	3.757	45	235920	51.926	ug/l #	88
23) Vinyl Acetate	3.715	43	862592	258.889	ug/l	96
24) 1,1-Dichloroethane	3.605	63	138687	50.298	ug/l	99
25) 2-Butanone	4.550	43	352221	245.491	ug/l	91
26) 2,2-Dichloropropane	4.471	77	107788	50.070	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	95532	53.454	ug/l	89
28) Bromochloromethane	4.891	49	59048	47.439	ug/l	84
29) Tetrahydrofuran	4.995	42	232025	248.389	ug/l	89
30) Chloroform	5.092	83	163583	54.253	ug/l	100
31) Cyclohexane	5.470	56	116508	50.470	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	137789	53.353	ug/l	98
36) 1,1-Dichloropropene	5.690	75	116425	52.757	ug/l	97
37) Ethyl Acetate	4.708	43	132314	50.484	ug/l	97
38) Carbon Tetrachloride	5.672	117	120173	55.355	ug/l	99
39) Methylcyclohexane	7.379	83	143400	55.476	ug/l	92
40) Benzene	6.031	78	333570	54.042	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	68896	52.842	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	129403	52.473	ug/l	98
43) Isopropyl Acetate	6.336	43	206065	52.667	ug/l	97
44) Trichloroethene	7.123	130	93775	58.087	ug/l	98
45) 1,2-Dichloropropane	7.427	63	87533	54.793	ug/l	96
46) Dibromomethane	7.580	93	68886	55.597	ug/l	97
47) Bromodichloromethane	7.818	83	126915	57.580	ug/l	96
48) Methyl methacrylate	7.689	41	101111	54.134	ug/l #	83
49) 1,4-Dioxane	7.659	88	42250	917.945	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	745340	276.181	ug/l	97
52) Toluene	8.714	92	227918	56.686	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	134389	56.801	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	141645	56.982	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	98638	57.355	ug/l	95
56) Ethyl methacrylate	9.116	69	147332	55.875	ug/l	92
57) 1,3-Dichloropropane	9.305	76	157945	56.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331257	255.936	ug/l	98
59) 2-Hexanone	9.427	43	599602	276.368	ug/l	95
60) Dibromochloromethane	9.518	129	103571	61.534	ug/l	99
61) 1,2-Dibromoethane	9.610	107	109034	58.628	ug/l	100
64) Tetrachloroethene	9.275	164	83631	57.438	ug/l	99
65) Chlorobenzene	10.079	112	257151	54.639	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93374	58.671	ug/l	99
67) Ethyl Benzene	10.195	91	465604	55.423	ug/l	99
68) m/p-Xylenes	10.299	106	360785	111.068	ug/l	98
69) o-Xylene	10.640	106	173357	54.681	ug/l	99
70) Styrene	10.652	104	295536	57.241	ug/l	97
71) Bromoform	10.799	173	76367	51.627	ug/l #	99
73) Isopropylbenzene	10.963	105	468957	53.378	ug/l	99
74) N-amyl acetate	10.841	43	195861	52.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	168312	52.210	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	155948m	52.363	ug/l	
77) Bromobenzene	11.195	156	116461	54.296	ug/l	89
78) n-propylbenzene	11.305	91	566825	52.765	ug/l	100
79) 2-Chlorotoluene	11.366	91	324484	50.933	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	405540	53.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45449	44.999	ug/l	95
82) 4-Chlorotoluene	11.451	91	383772	50.906	ug/l	96
83) tert-Butylbenzene	11.713	119	395054	53.341	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	402971	53.322	ug/l	98
85) sec-Butylbenzene	11.890	105	515773	53.760	ug/l	100
86) p-Isopropyltoluene	12.006	119	434671	54.914	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	226022	52.464	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	227894	51.814	ug/l	98
89) n-Butylbenzene	12.329	91	412122	52.279	ug/l	97
90) Hexachloroethane	12.536	117	72058	54.905	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	221881	53.580	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39424	50.580	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	149933	53.981	ug/l	96
94) Hexachlorobutadiene	13.725	225	61567	55.073	ug/l	97
95) Naphthalene	13.774	128	495059	51.182	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142432	52.961	ug/l	98

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VSTDCCC050EC

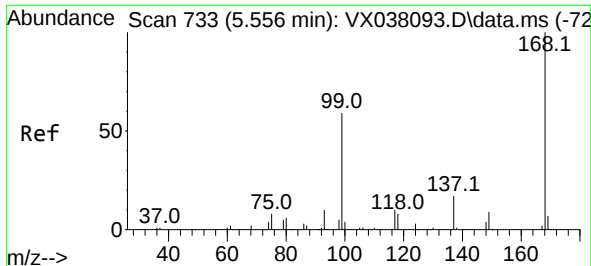
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

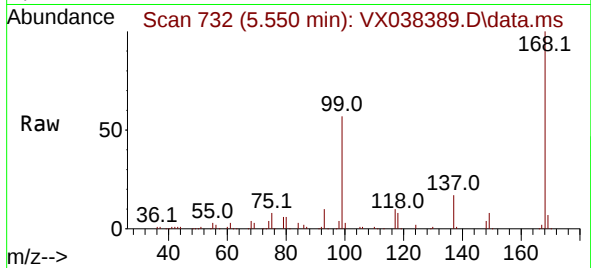
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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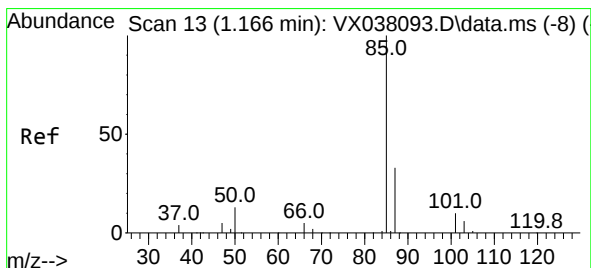
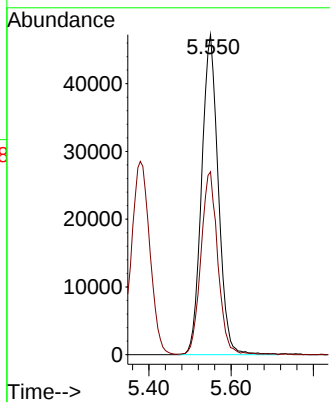
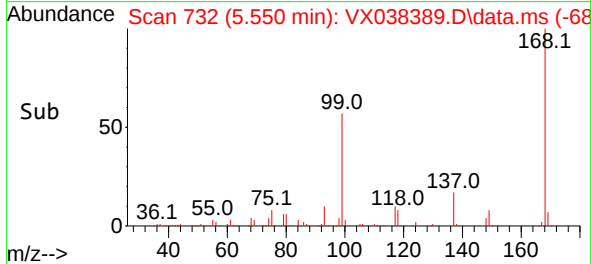
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 132469
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0

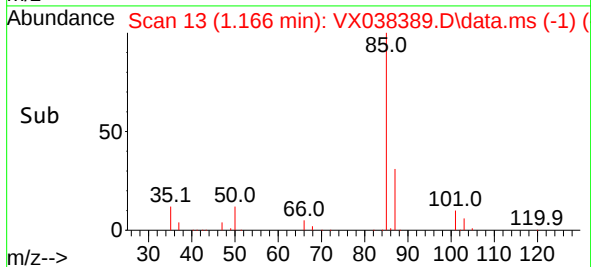
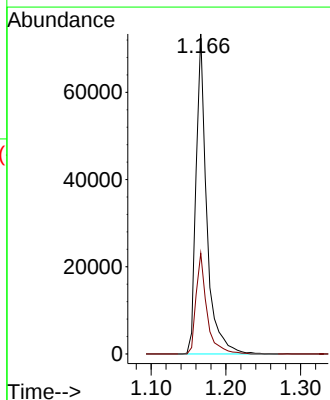
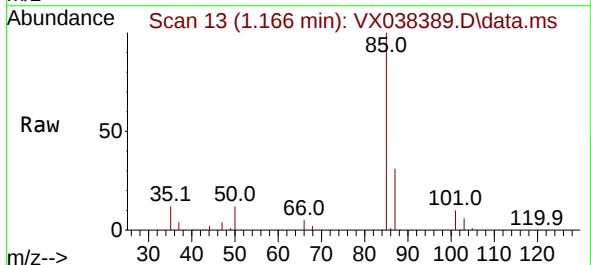
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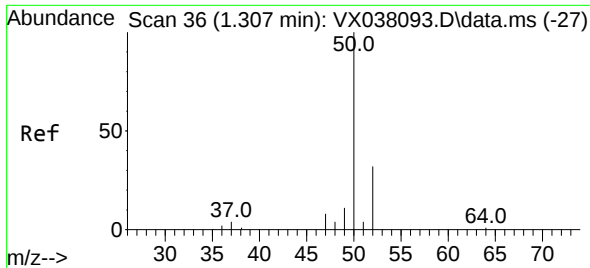
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 56.768 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 85 Resp: 72587
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





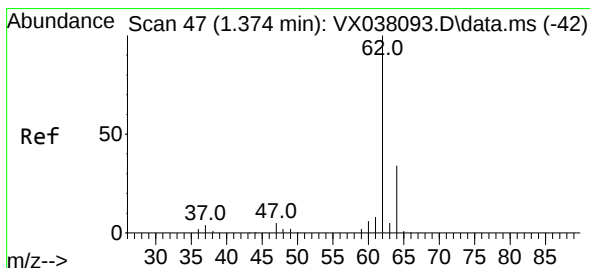
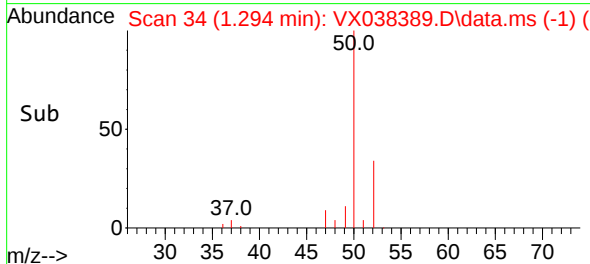
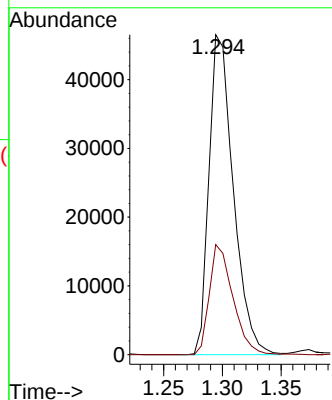
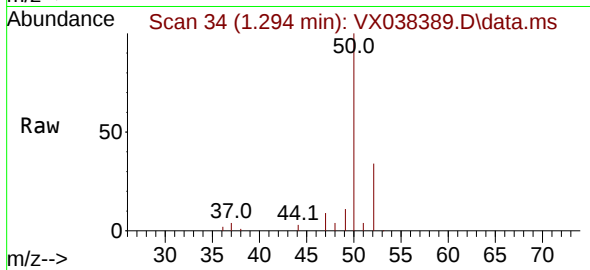
#3
Chloromethane
Concen: 51.470 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

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Tgt Ion: 50 Resp: 6707
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

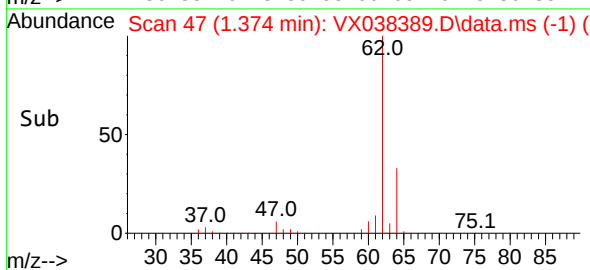
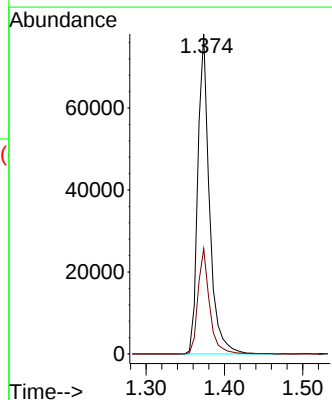
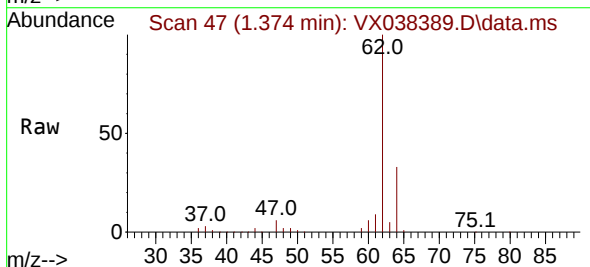
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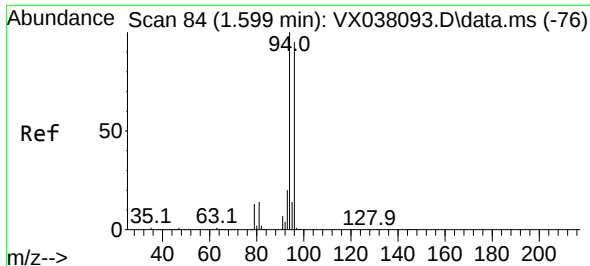
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 55.908 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

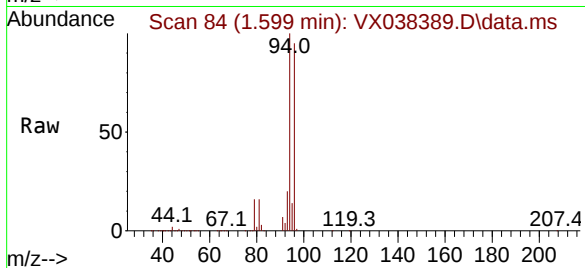
Tgt Ion: 62 Resp: 80784
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 62.122 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038389.D
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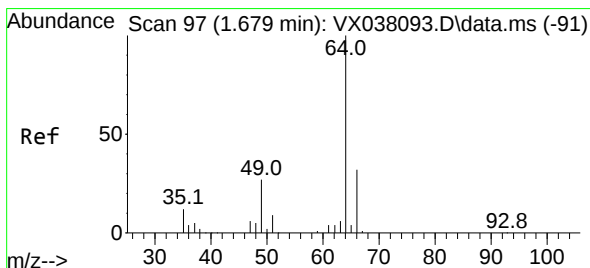
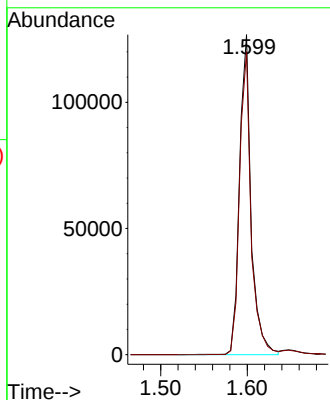
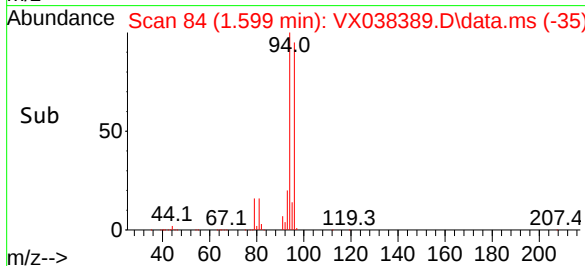
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Tgt Ion: 94 Resp: 117499
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

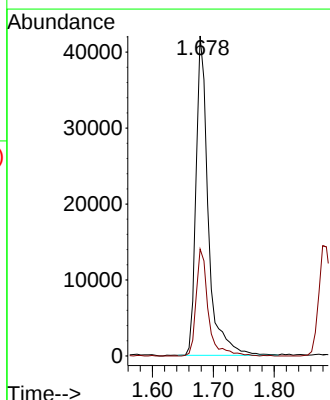
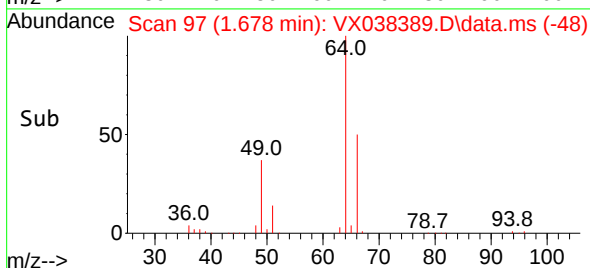
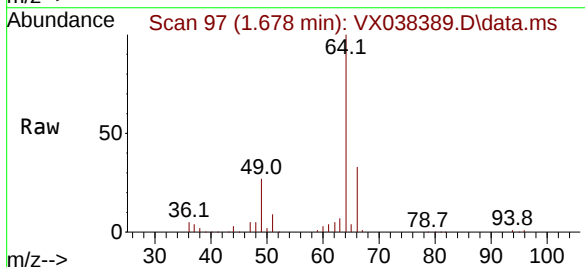
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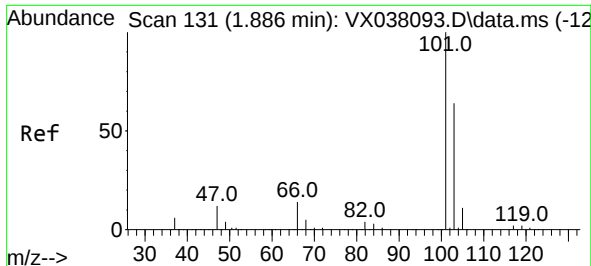
Reviewed By :John Carlone 10/20/2023
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#6
Chloroethane
Concen: 54.851 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038389.D
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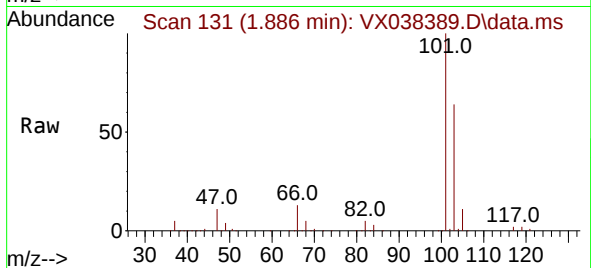
Tgt Ion: 64 Resp: 58496
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 56.716 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038389.D
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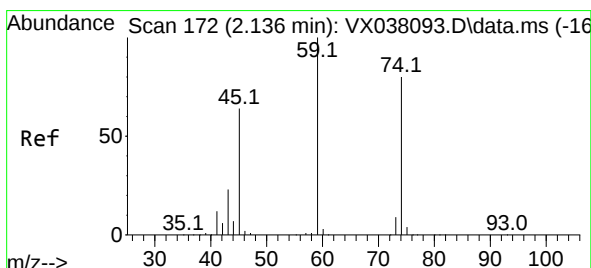
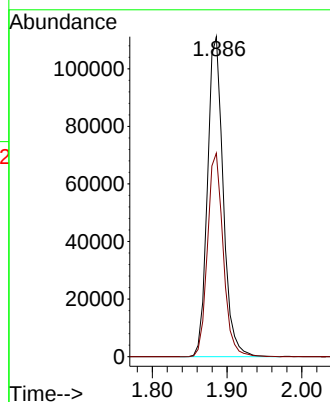
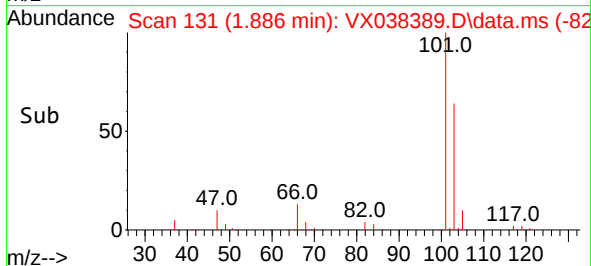
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 16187
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

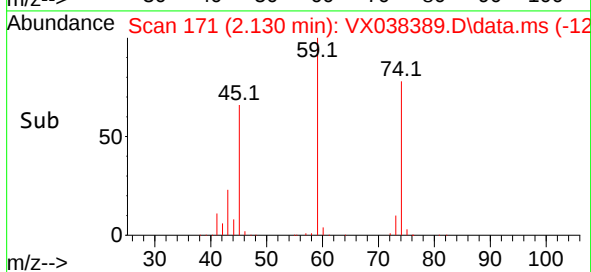
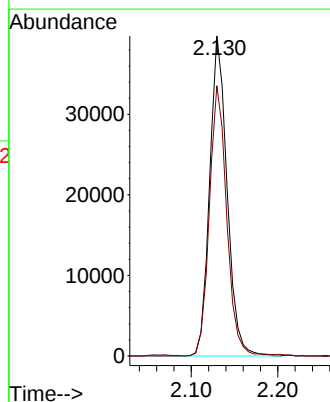
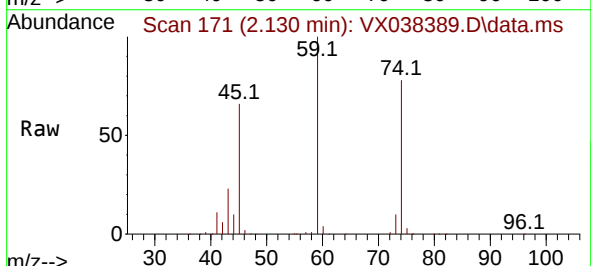
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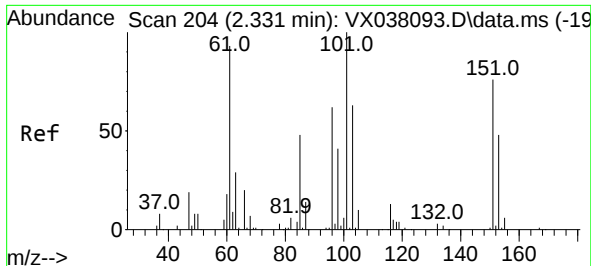
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 52.103 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 74 Resp: 55461
Ion Ratio Lower Upper
74 100
45 84.4 53.3 159.8





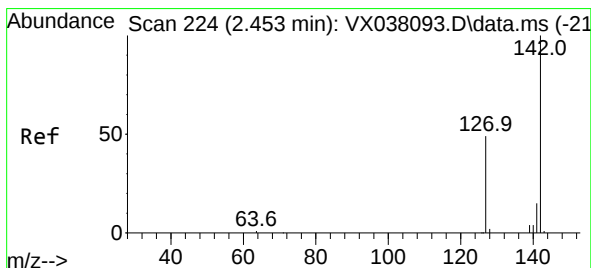
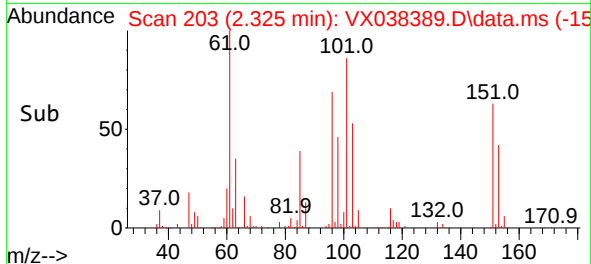
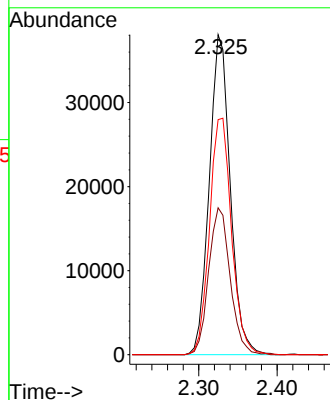
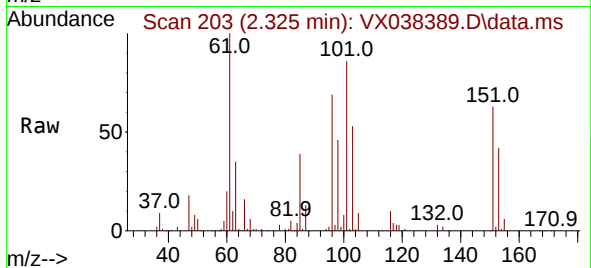
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.844 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 70820
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 77.8 58.6 87.8

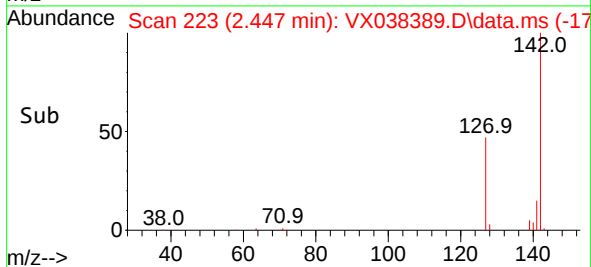
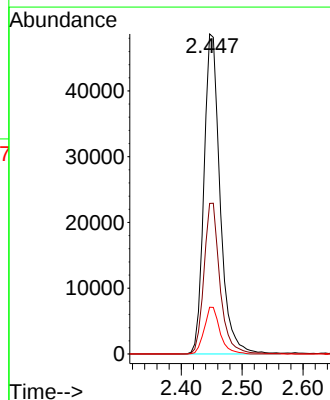
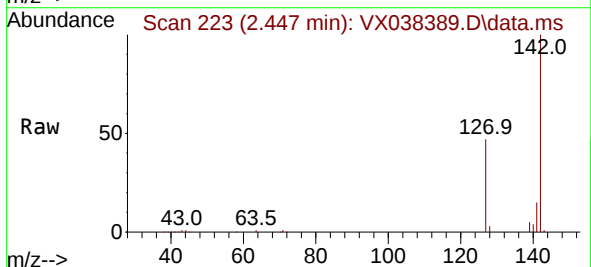
Manual Integrations
APPROVED

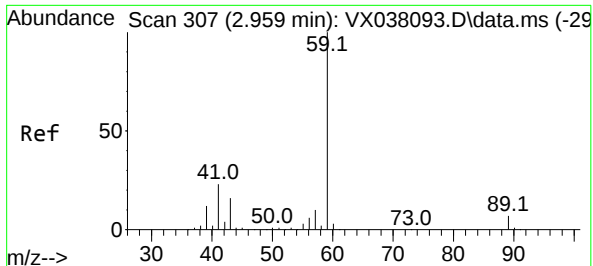
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 50.095 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:142 Resp: 89807
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 223.648 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 105740

Ion Ratio Lower Upper

59 100

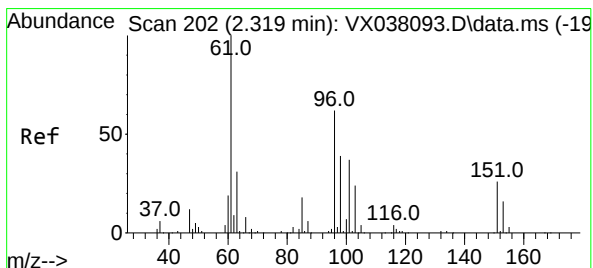
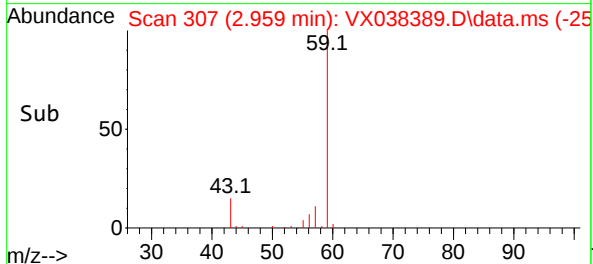
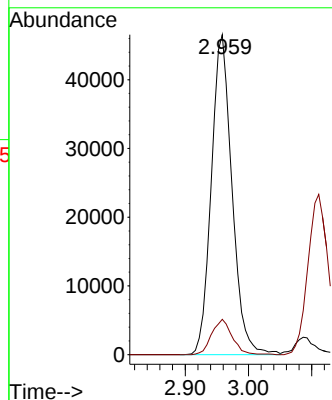
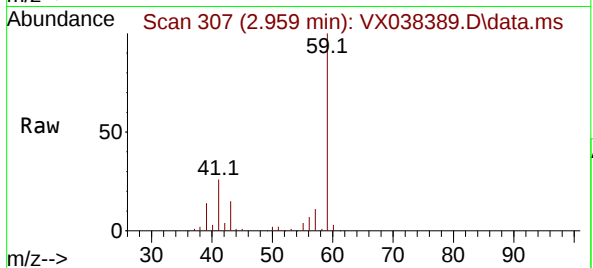
57 11.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 56.185 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

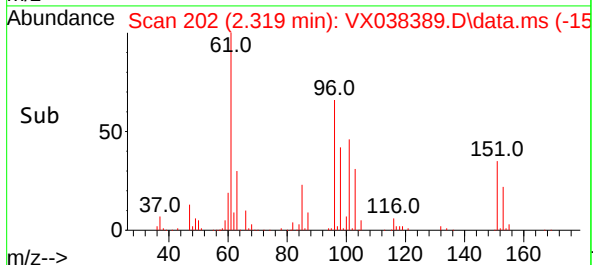
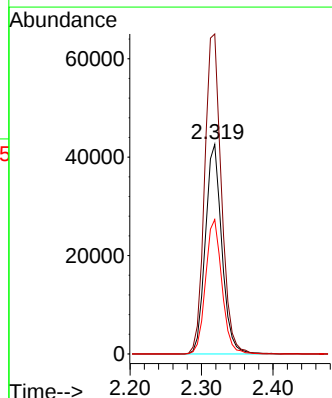
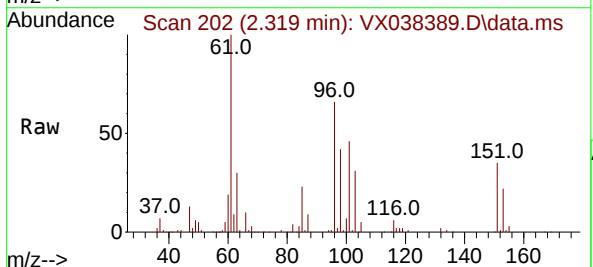
Tgt Ion: 96 Resp: 68095

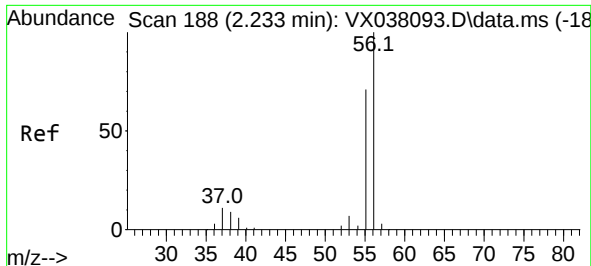
Ion Ratio Lower Upper

96 100

61 152.6 144.6 216.8

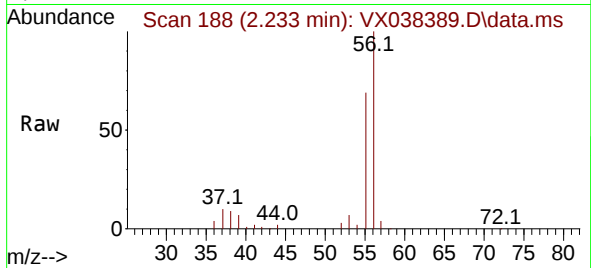
98 64.1 50.4 75.6





#13
Acrolein
Concen: 201.295 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

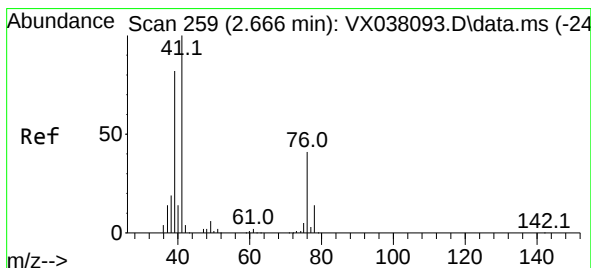
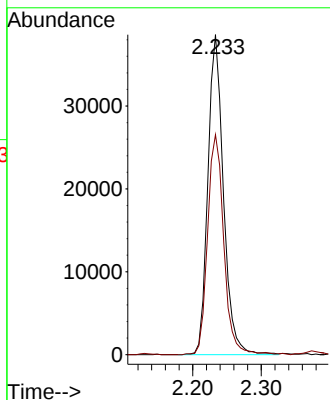
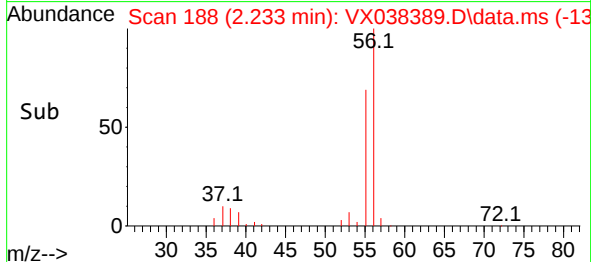
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 60972
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

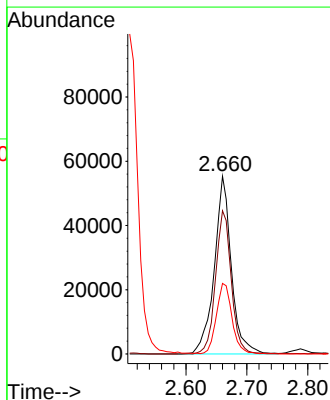
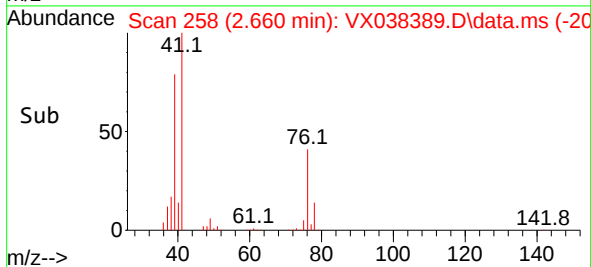
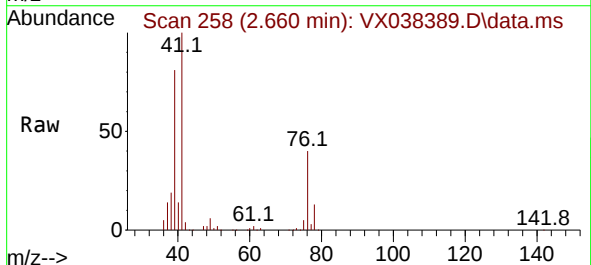
Manual Integrations
APPROVED

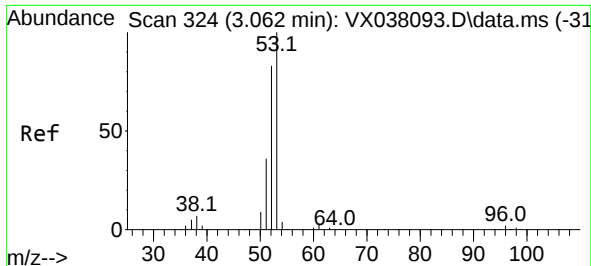
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 49.788 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

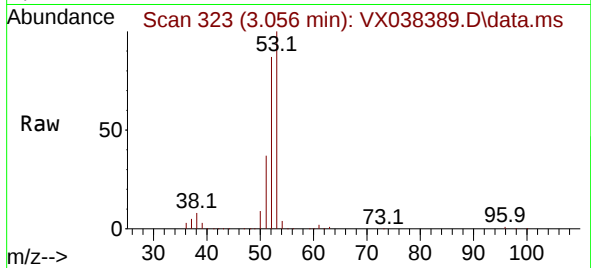
Tgt Ion: 41 Resp: 107932
Ion Ratio Lower Upper
41 100
39 74.5 55.8 83.6
76 36.3 24.3 36.5





#15
Acrylonitrile
Concen: 253.257 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

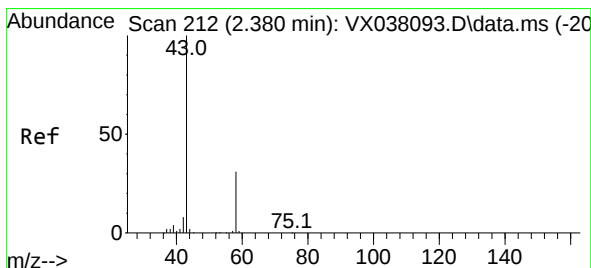
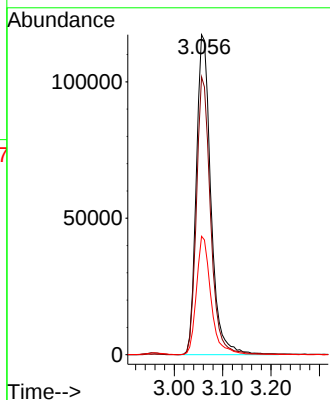
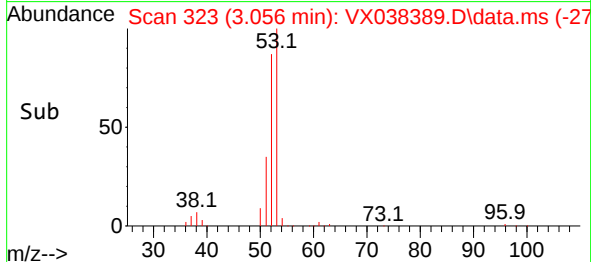
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24556
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 37.1 29.8 44.6

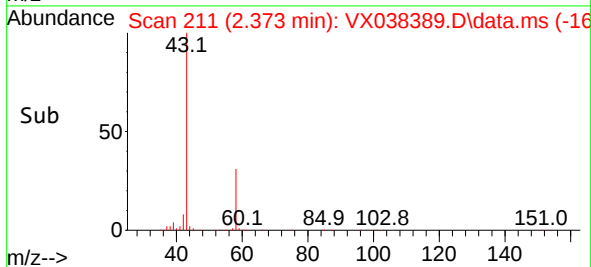
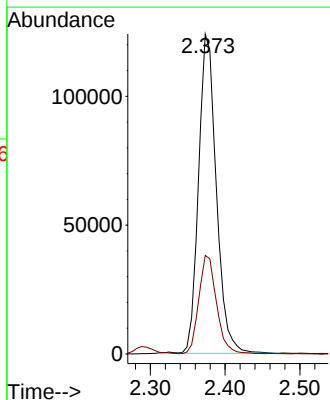
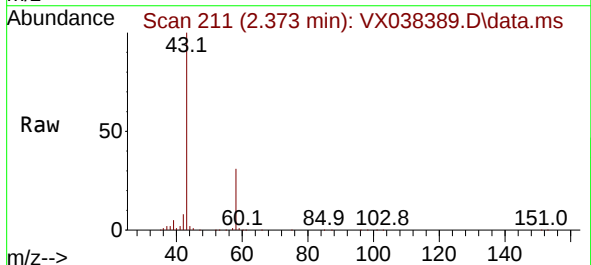
Manual Integrations
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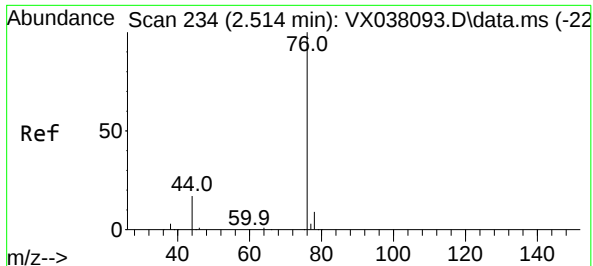
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 229.675 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 43 Resp: 204236
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9





#17

Carbon Disulfide

Concen: 46.955 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16402

Ion Ratio Lower Upper

76 100

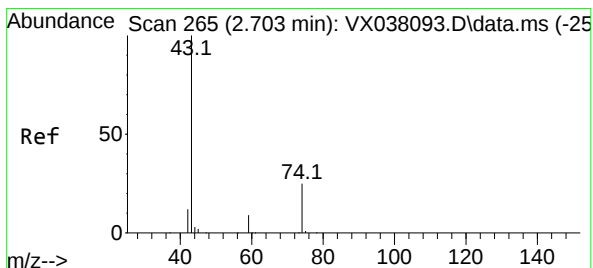
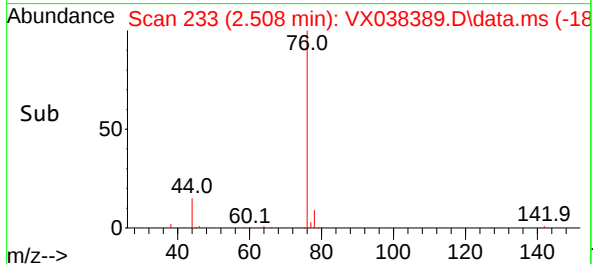
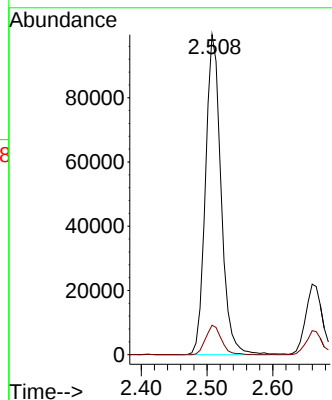
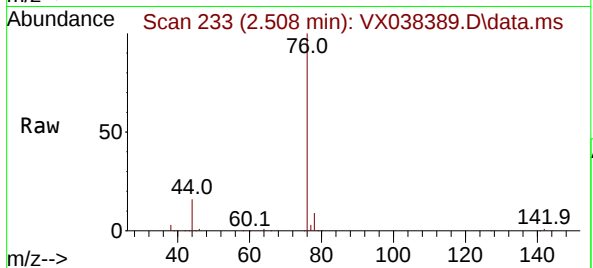
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#18

Methyl Acetate

Concen: 53.405 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038389.D

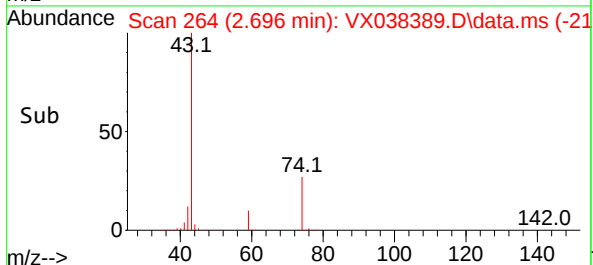
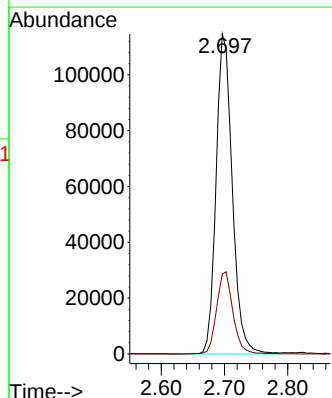
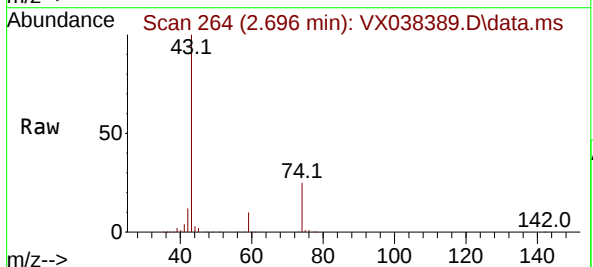
Acq: 19 Oct 2023 17:10

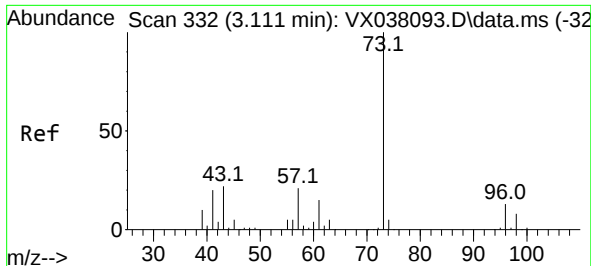
Tgt Ion: 43 Resp: 203652

Ion Ratio Lower Upper

43 100

74 26.0 17.8 26.8





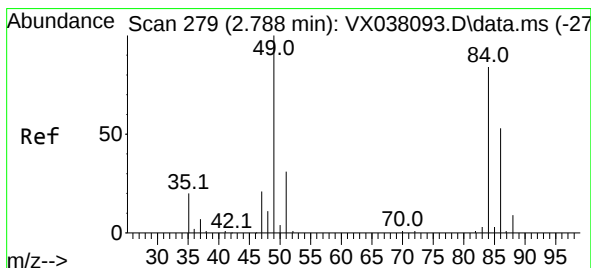
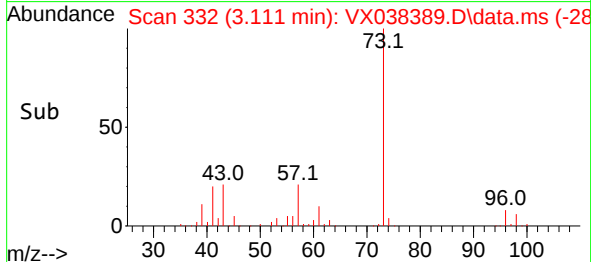
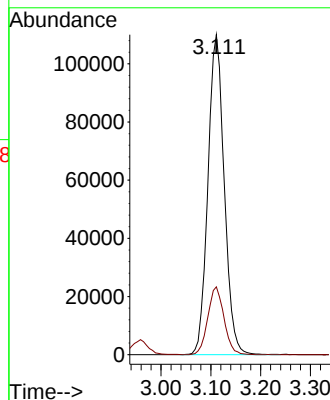
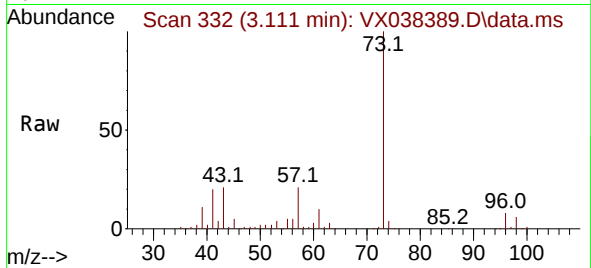
#19
Methyl tert-butyl Ether
Concen: 51.712 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24961
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

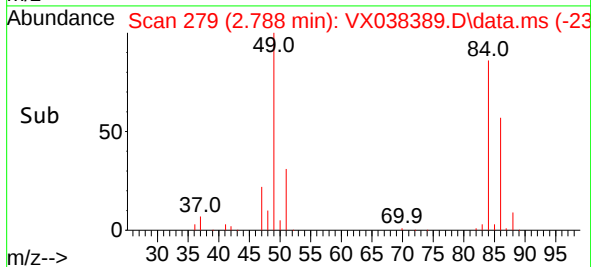
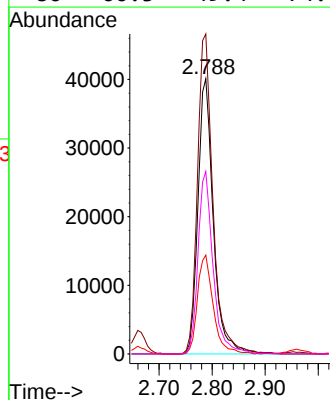
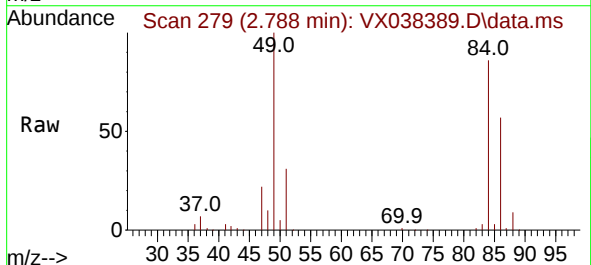
Manual Integrations
APPROVED

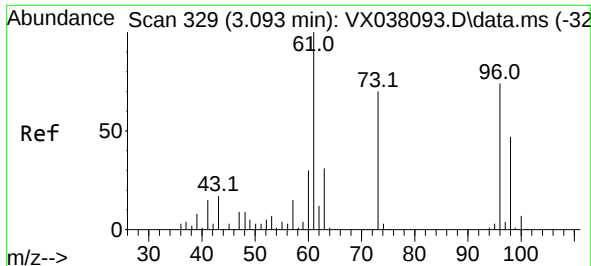
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 48.224 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

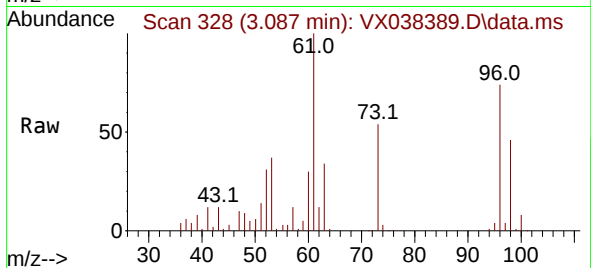
Tgt Ion: 84 Resp: 80661
Ion Ratio Lower Upper
84 100
49 116.3 103.6 155.4
51 35.9 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.991 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

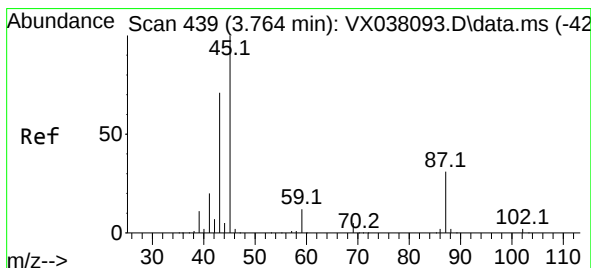
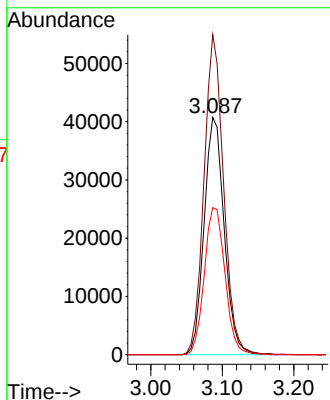
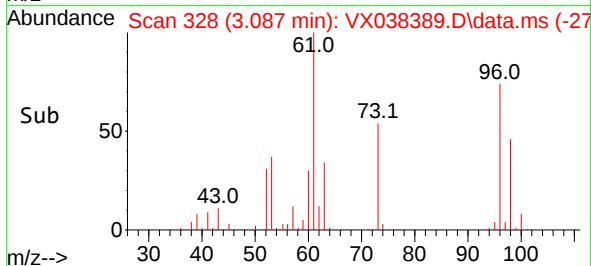
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



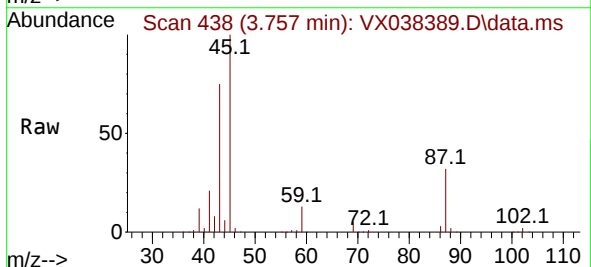
Tgt Ion: 96 Resp: 79520
Ion Ratio Lower Upper
96 100
61 134.9 119.2 178.8
98 62.0 48.7 73.1

Manual Integrations
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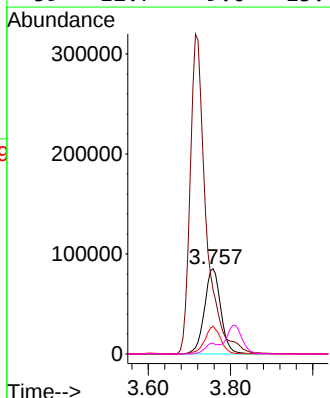
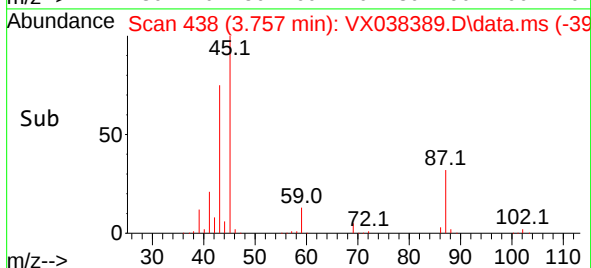
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

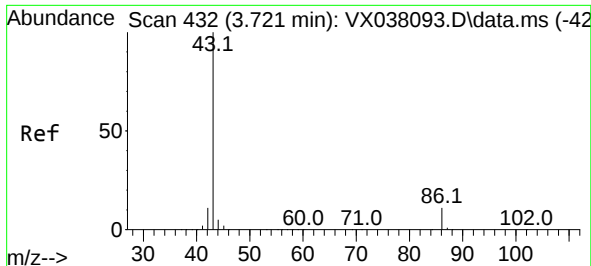


#22
Diisopropyl ether
Concen: 51.926 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10



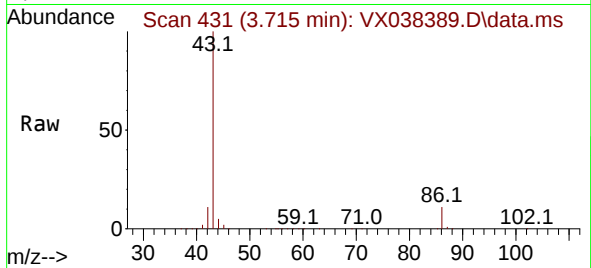
Tgt Ion: 45 Resp: 235920
Ion Ratio Lower Upper
45 100
43 75.0 69.7 104.5
87 32.4 20.8 31.2#
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 258.889 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038389.D
 Acq: 19 Oct 2023 17:10

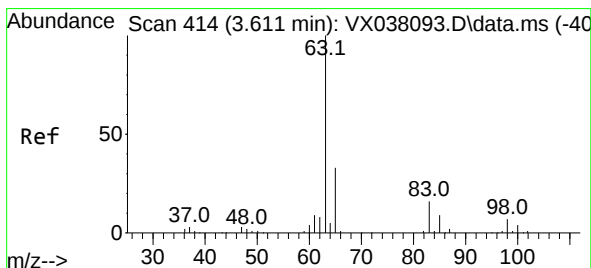
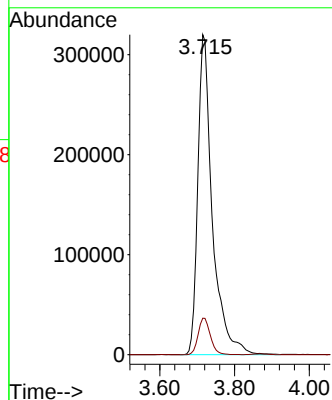
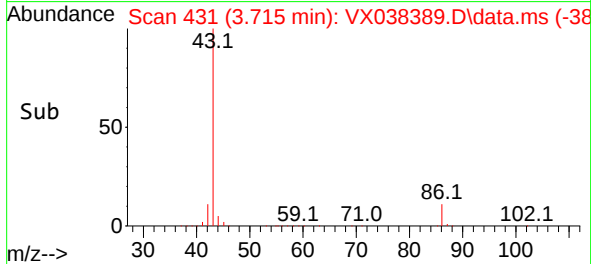
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



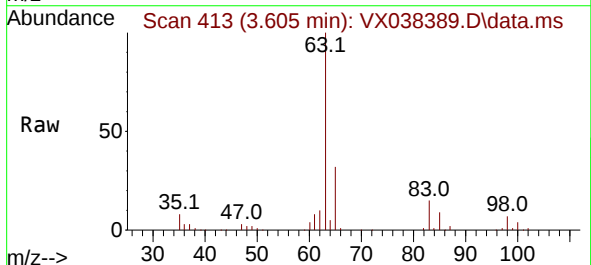
Tgt Ion: 43 Resp: 862592
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

Manual Integrations
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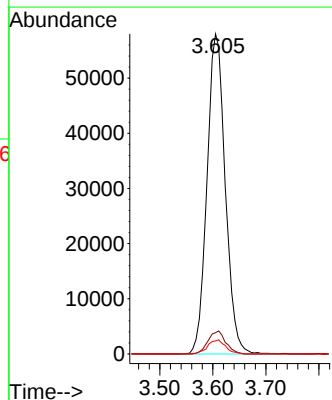
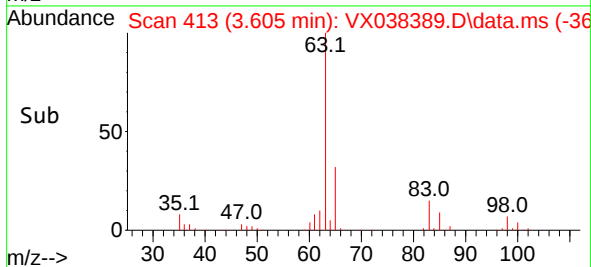
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

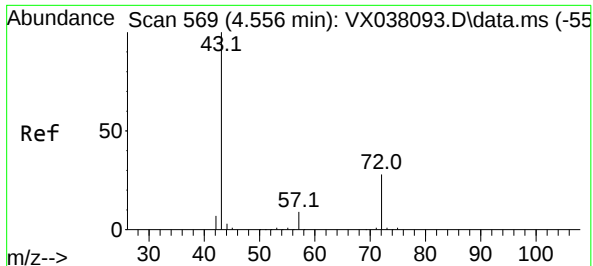


#24
 1,1-Dichloroethane
 Concen: 50.298 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038389.D
 Acq: 19 Oct 2023 17:10



Tgt Ion: 63 Resp: 138687
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 245.491 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35222

Ion Ratio Lower Upper

43 100

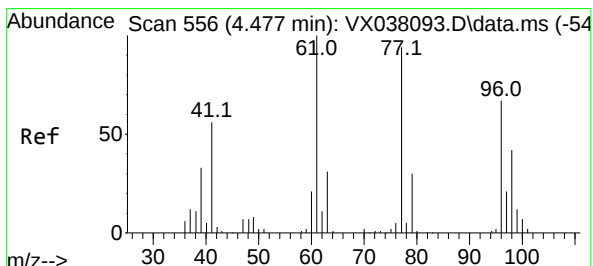
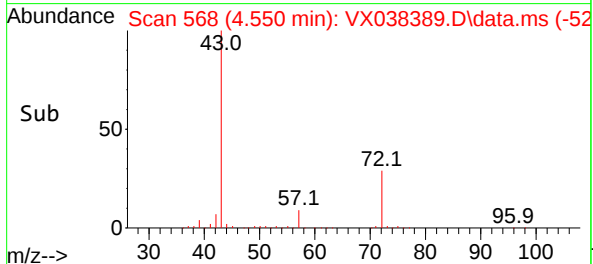
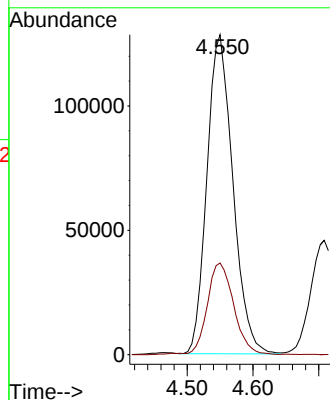
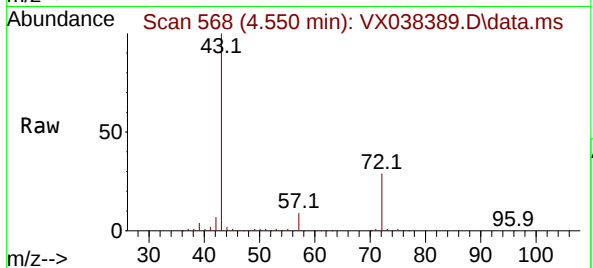
72 28.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 50.070 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038389.D

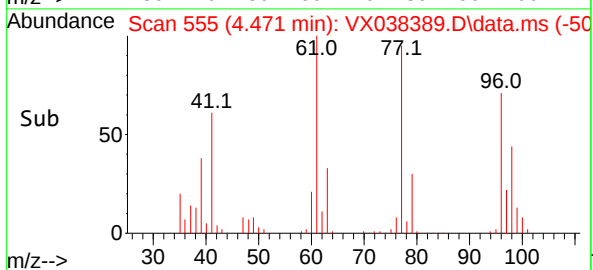
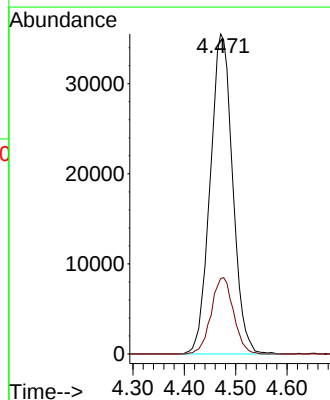
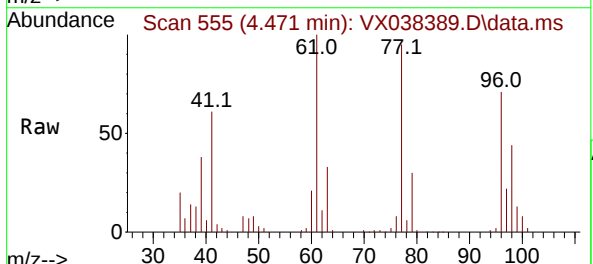
Acq: 19 Oct 2023 17:10

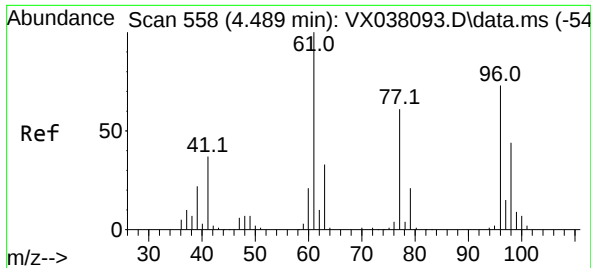
Tgt Ion: 77 Resp: 107788

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.454 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9553

Ion Ratio Lower Upper

96 100

61 136.4 0.0 312.2

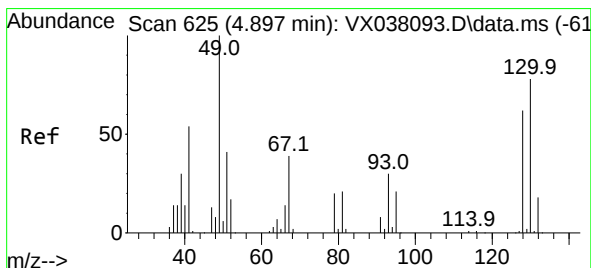
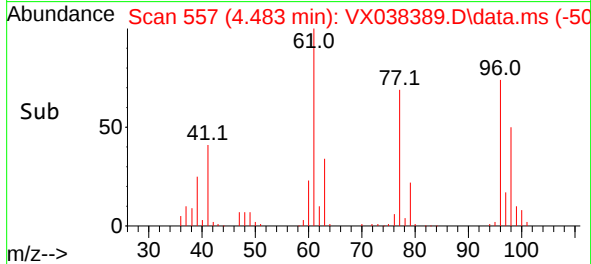
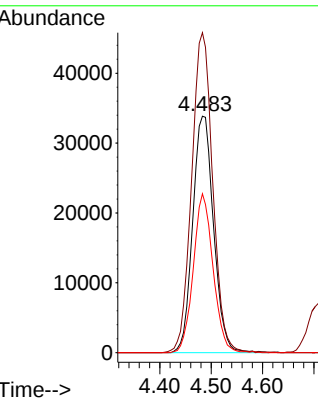
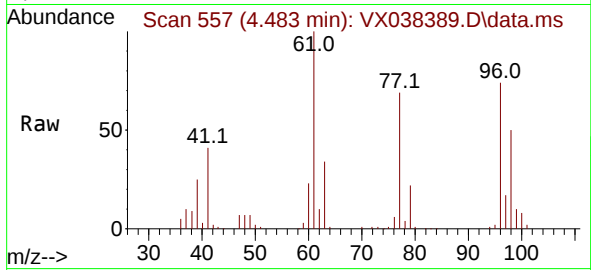
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 47.439 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

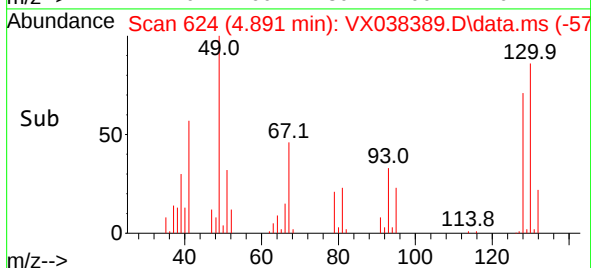
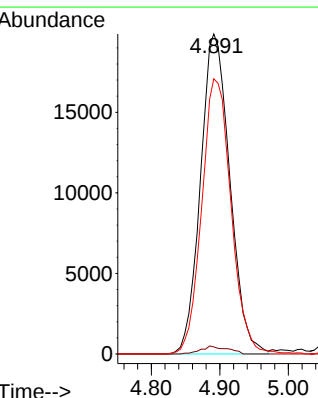
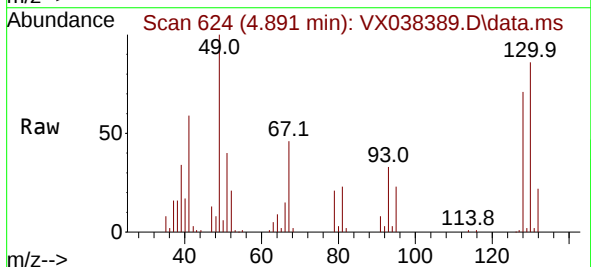
Tgt Ion: 49 Resp: 59048

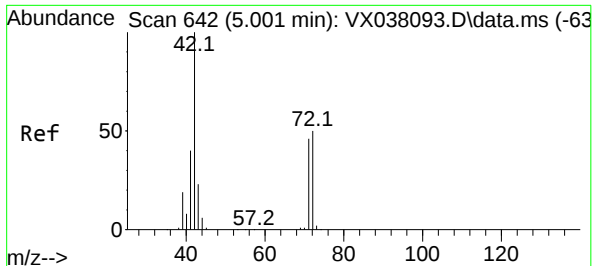
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 85.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 248.389 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 232025

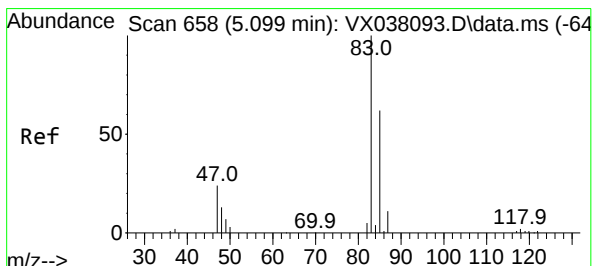
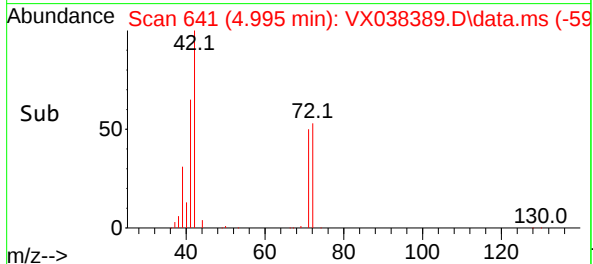
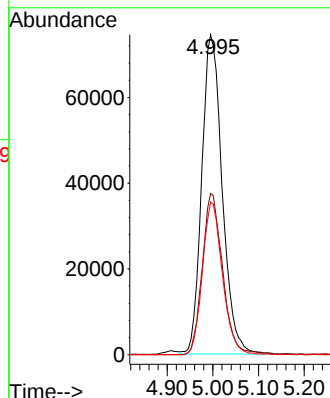
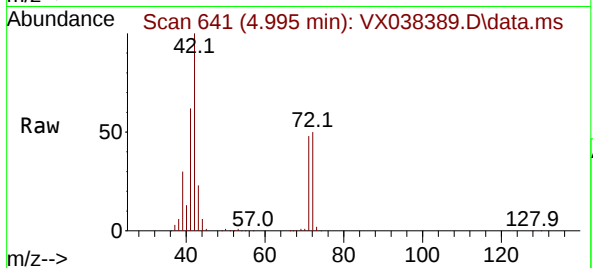
Ion	Ratio	Lower	Upper
42	100		
72	50.3	34.2	51.4
71	47.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 54.253 ug/l

RT: 5.092 min Scan# 657

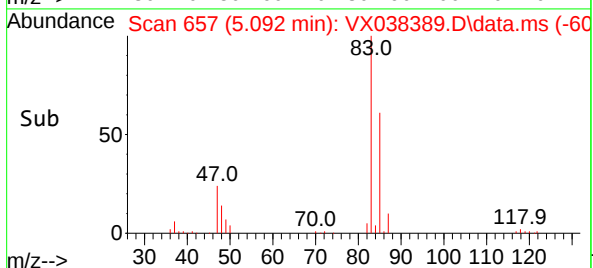
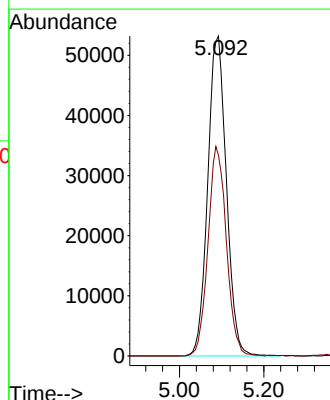
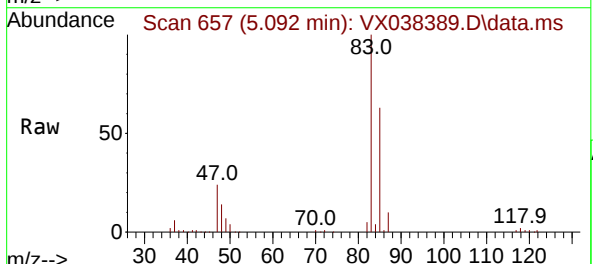
Delta R.T. -0.001 min

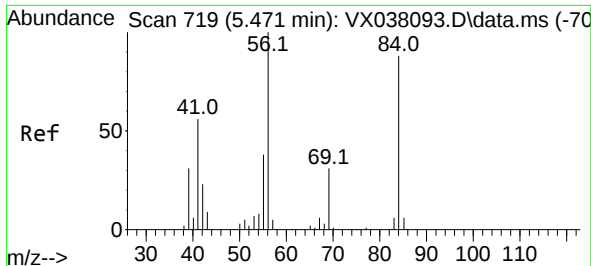
Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion: 83 Resp: 163583

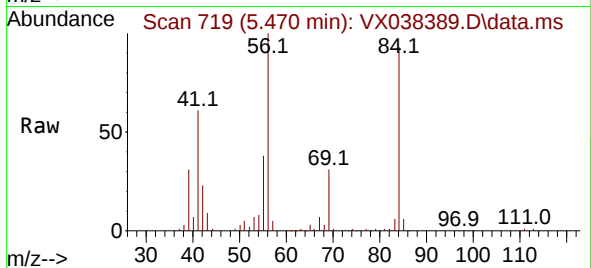
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.3	75.5





#31
Cyclohexane
Concen: 50.470 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

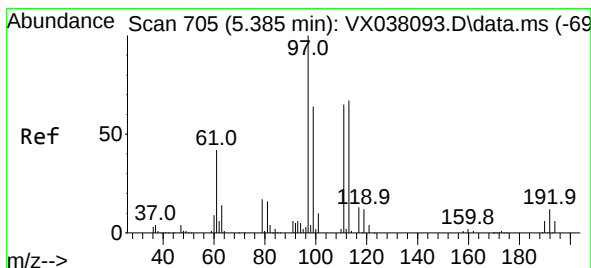
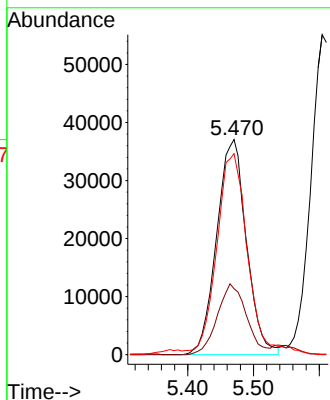
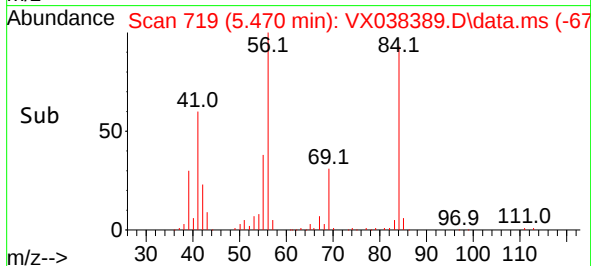
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 116508
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 91.2 65.9 98.9

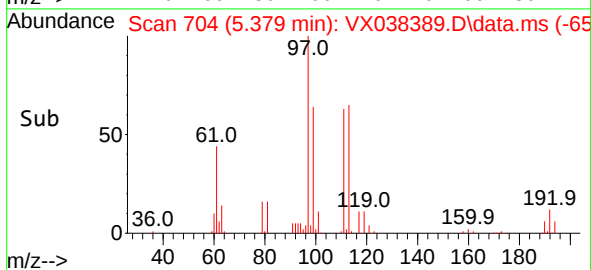
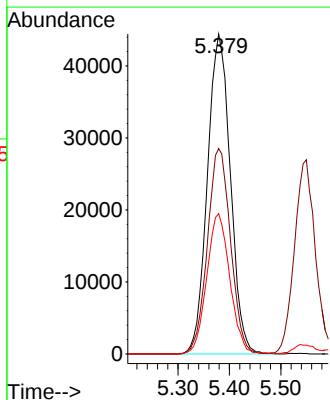
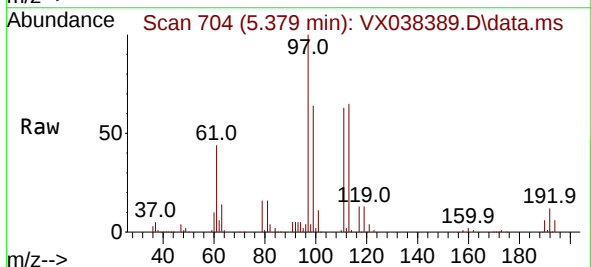
Manual Integrations
APPROVED

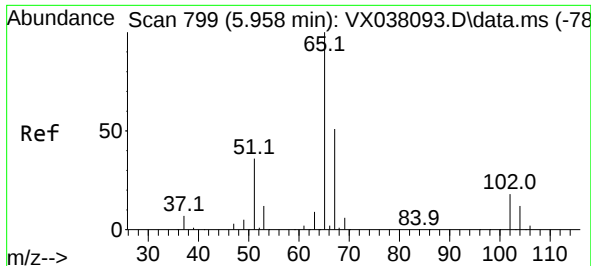
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 53.353 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 97 Resp: 137789
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.208 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 98454

Ion Ratio Lower Upper

65 100

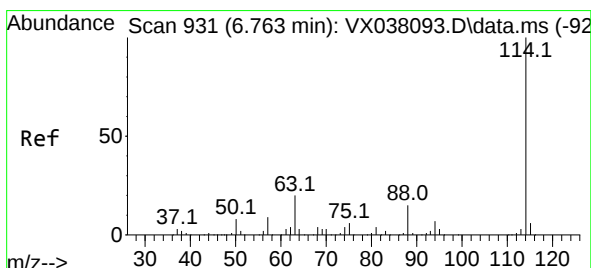
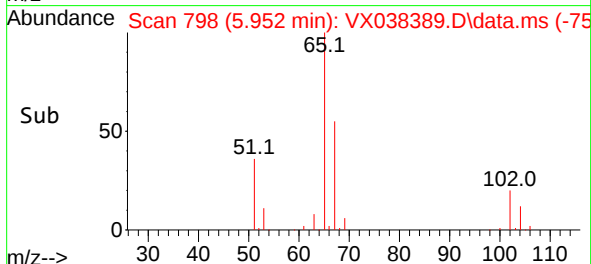
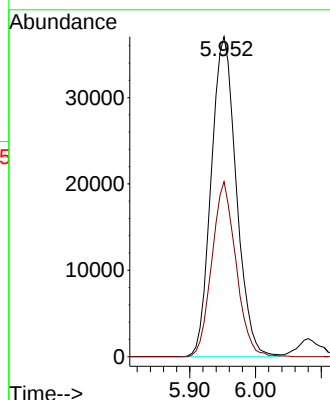
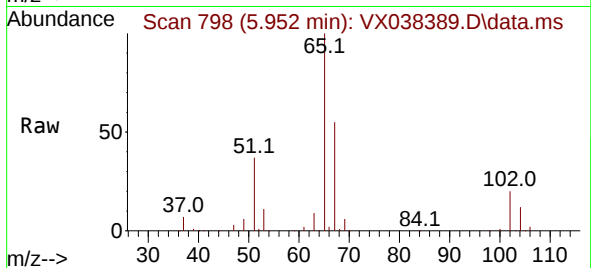
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

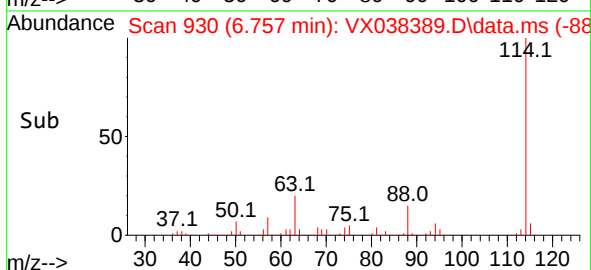
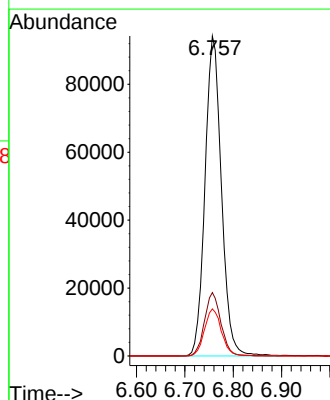
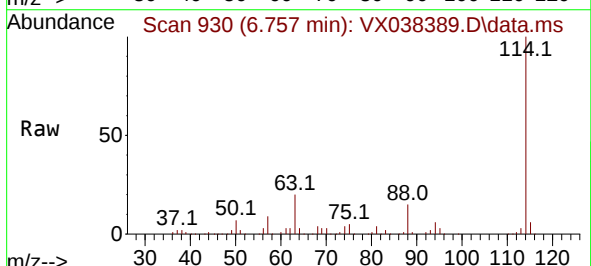
Tgt Ion:114 Resp: 222094

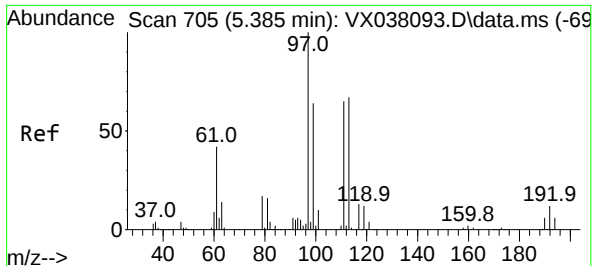
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

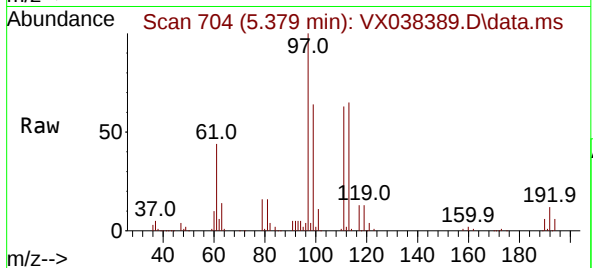
88 14.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.823 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

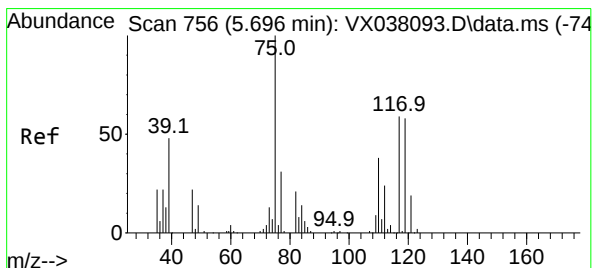
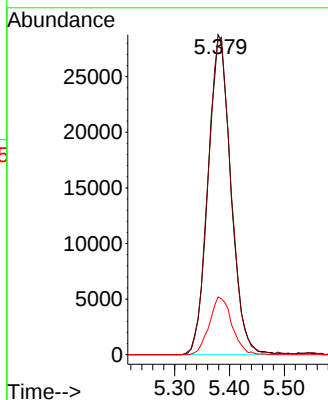
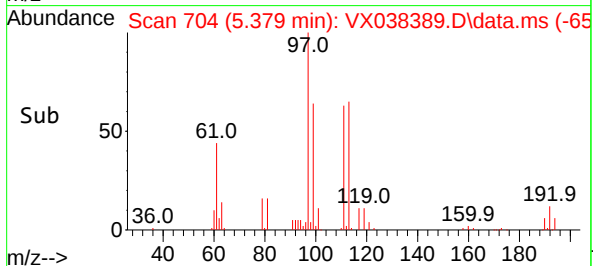
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 82933
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 17.9 13.3 19.9

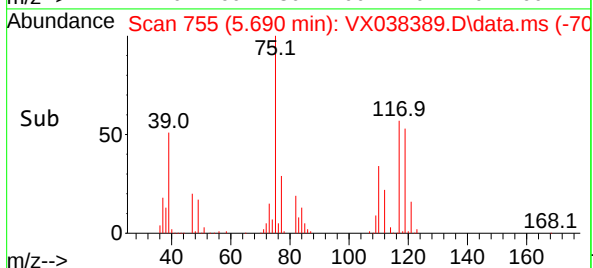
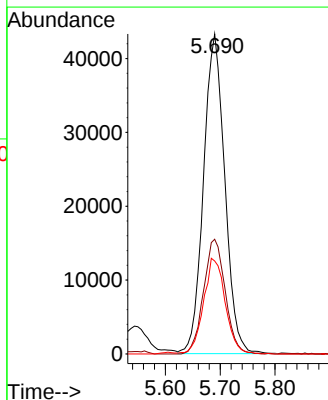
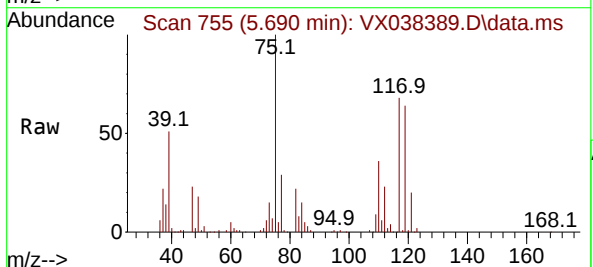
Manual Integrations
APPROVED

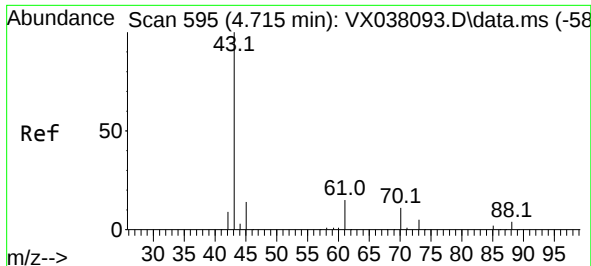
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 52.757 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

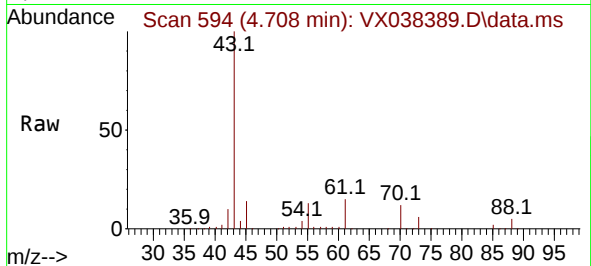
Tgt Ion: 75 Resp: 116425
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 50.484 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

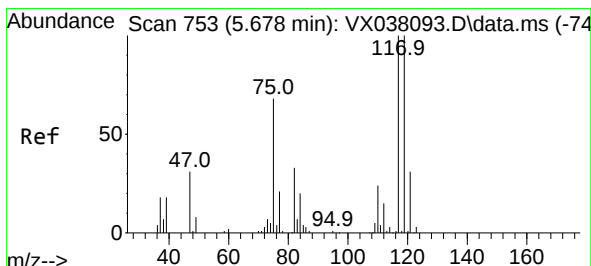
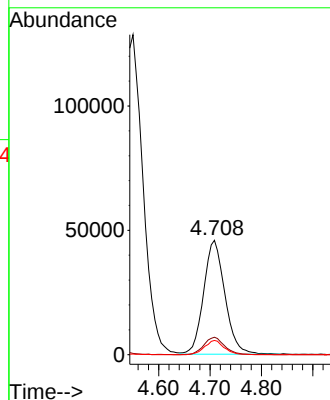
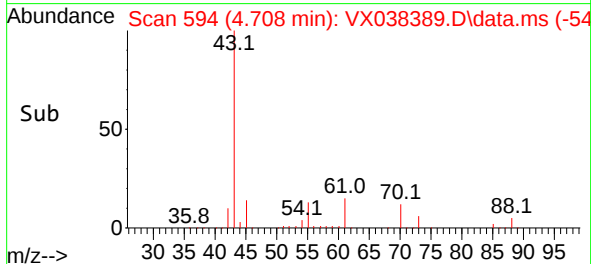
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 132314
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 11.4 8.3 12.5

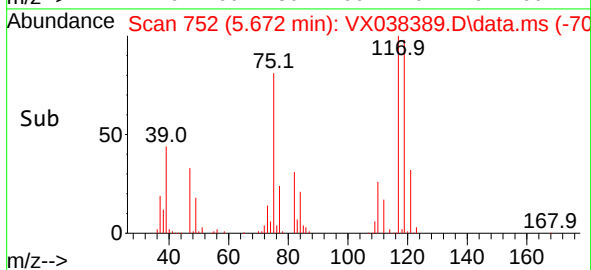
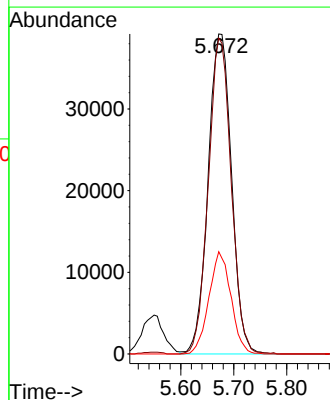
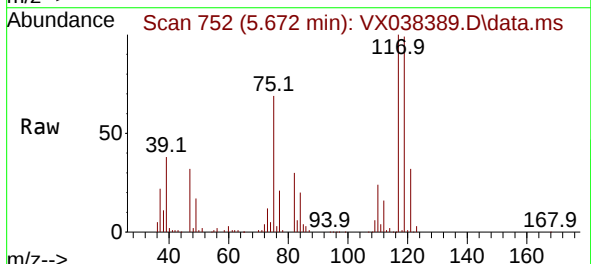
Manual Integrations
APPROVED

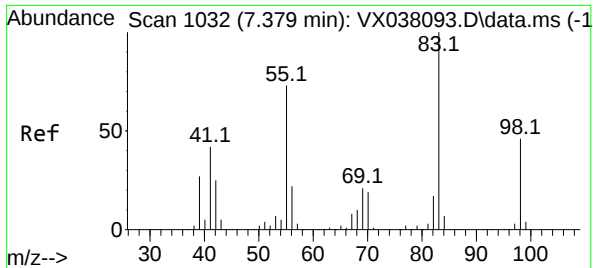
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 55.355 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:117 Resp: 120173
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.2
121 32.0 24.4 36.6





#39
Methylcyclohexane
Concen: 55.476 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

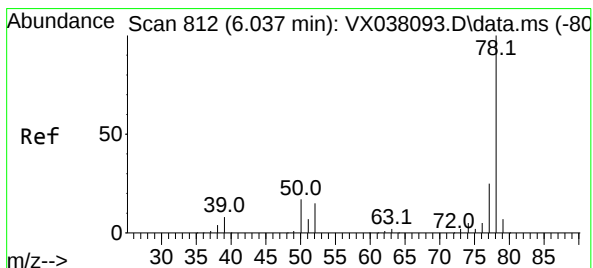
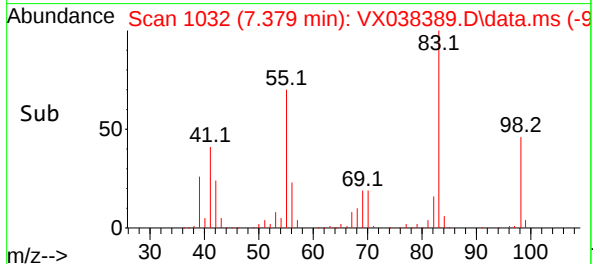
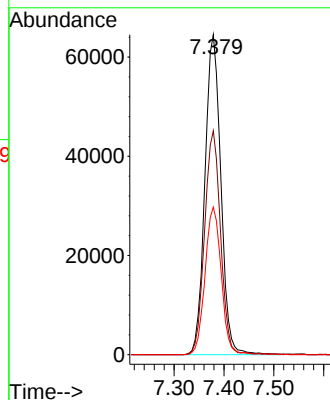
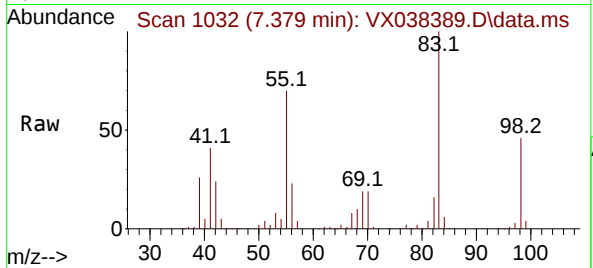
VSTDCCC050EC

Tgt Ion: 83 Resp: 143400
Ion Ratio Lower Upper
83 100
55 70.0 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations

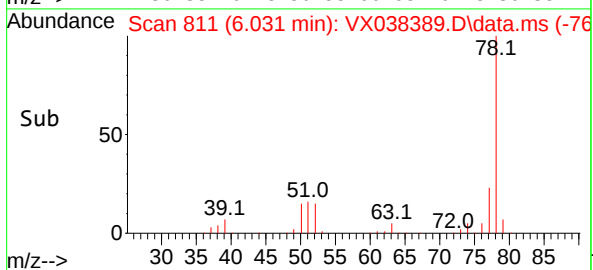
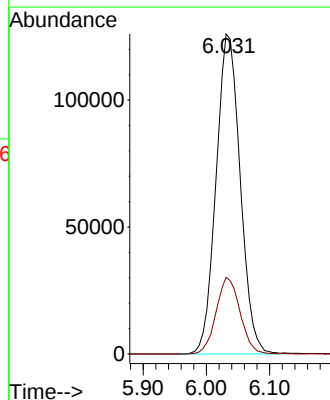
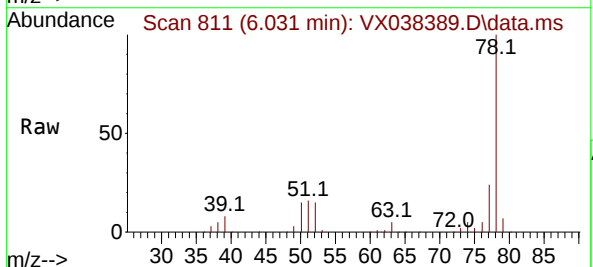
APPROVED

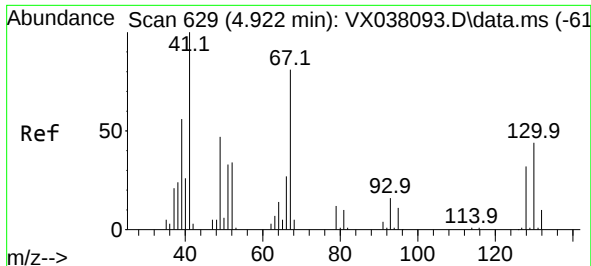
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 54.042 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 78 Resp: 333570
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





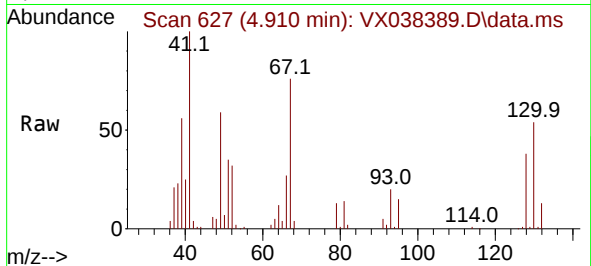
#41
Methacrylonitrile
Concen: 52.842 ug/l
RT: 4.910 min Scan# 618
Delta R.T. -0.012 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



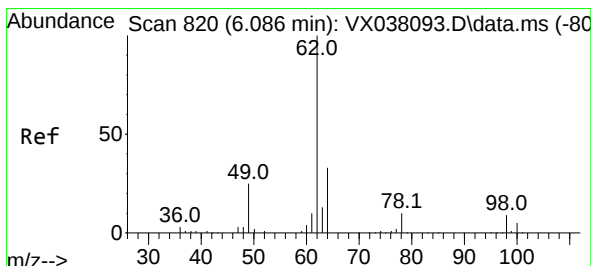
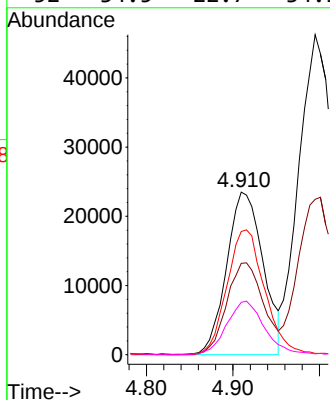
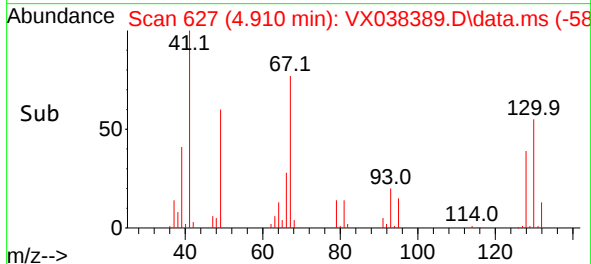
Tgt Ion: 41 Resp: 68890
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 79.3 52.6 78.8
52 34.5 22.7 34.1#

Manual Integrations

APPROVED

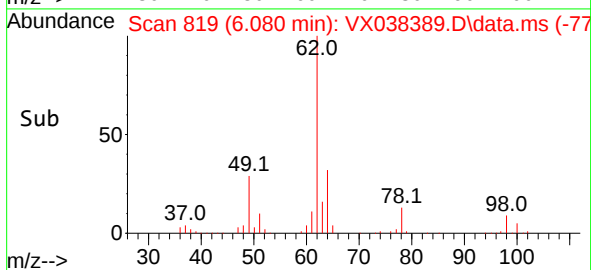
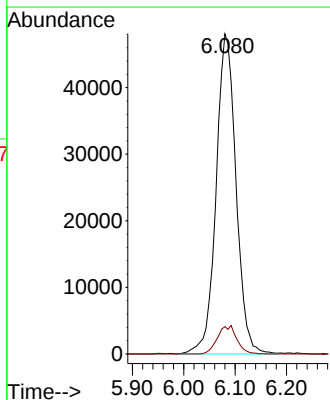
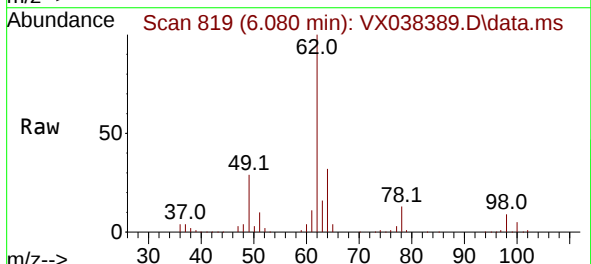
Reviewed By :John Carlone 10/20/2023

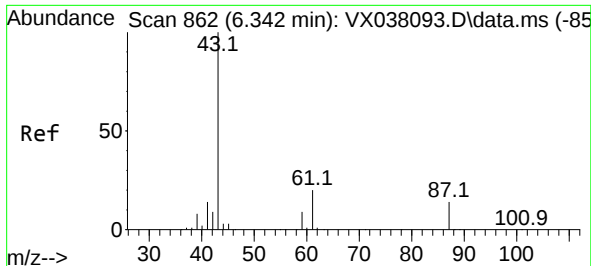
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 52.473 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

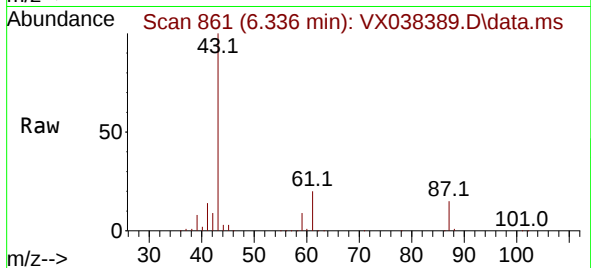
Tgt Ion: 62 Resp: 129403
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.667 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

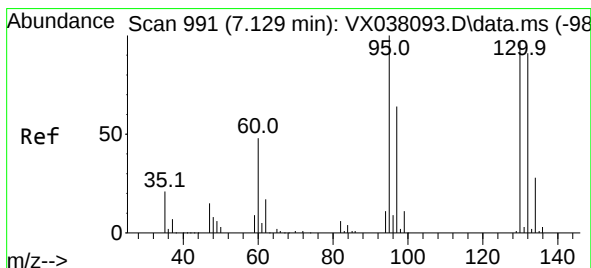
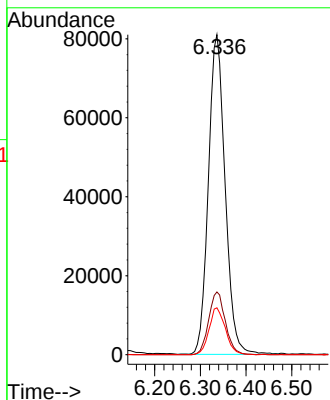
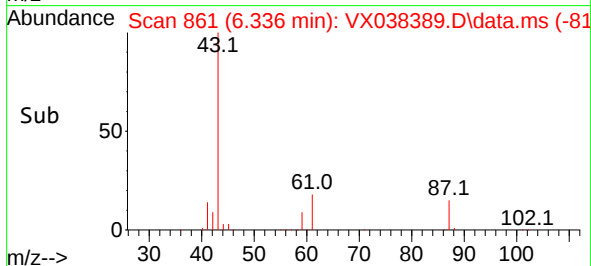
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20606
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 14.4 9.8 14.6

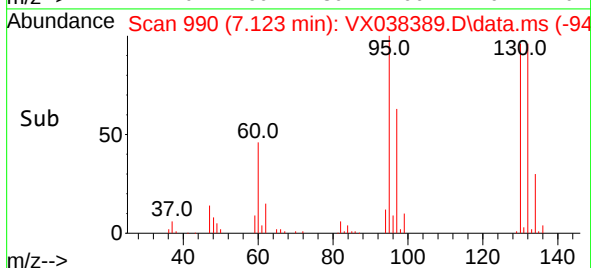
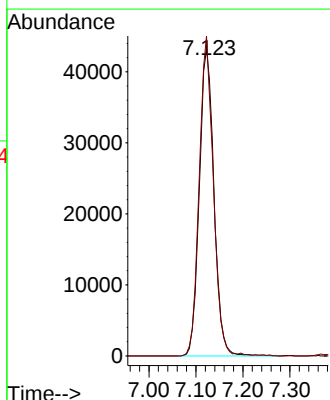
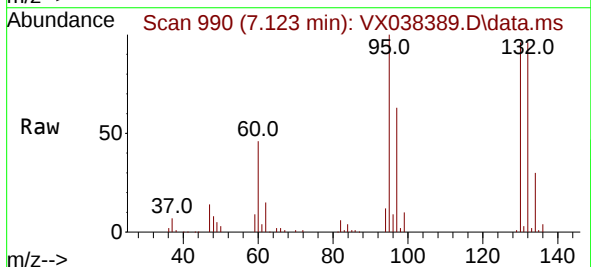
Manual Integrations
APPROVED

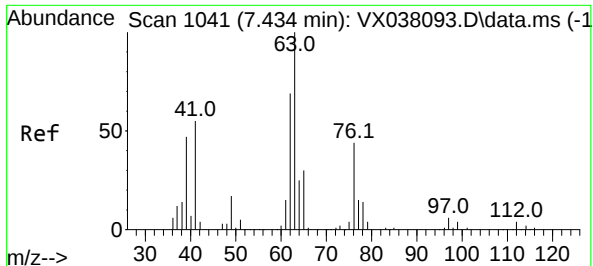
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 58.087 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:130 Resp: 93775
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.793 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8753

Ion Ratio Lower Upper

63 100

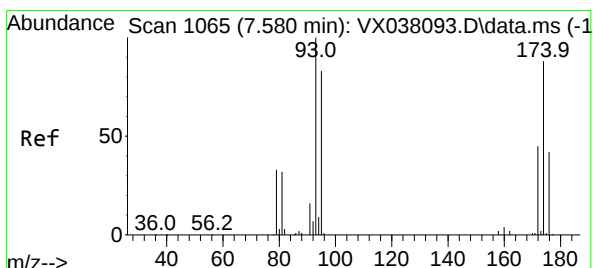
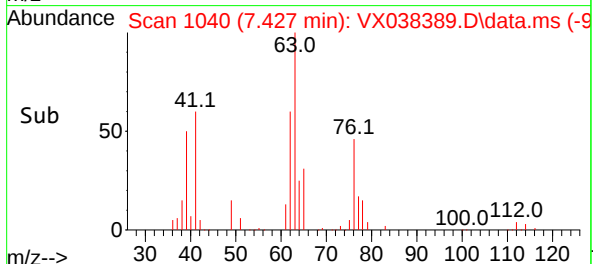
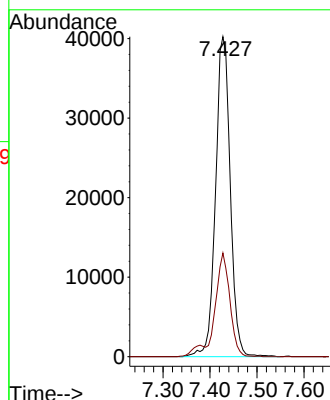
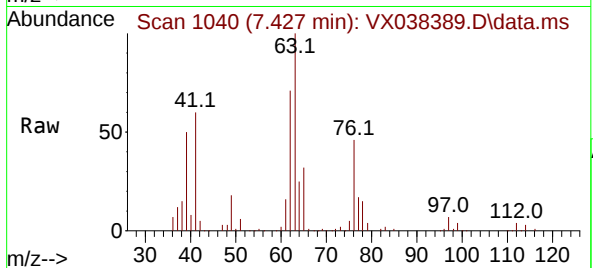
65 32.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 55.597 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

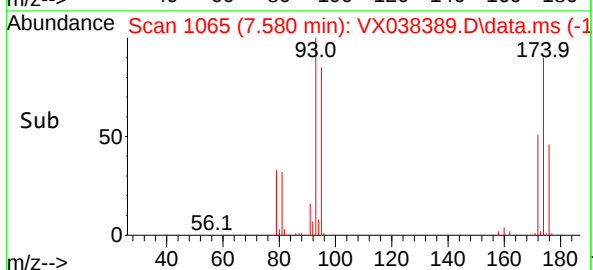
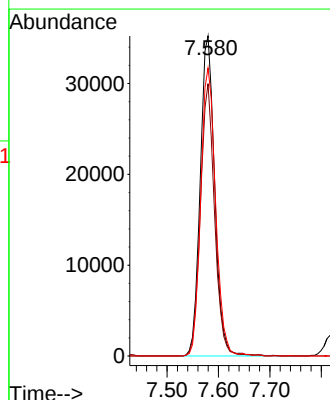
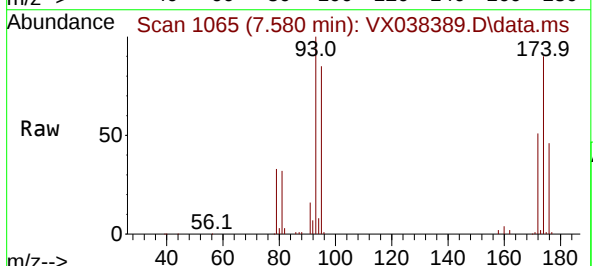
Tgt Ion: 93 Resp: 68886

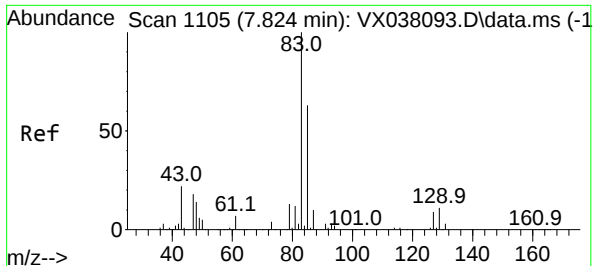
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

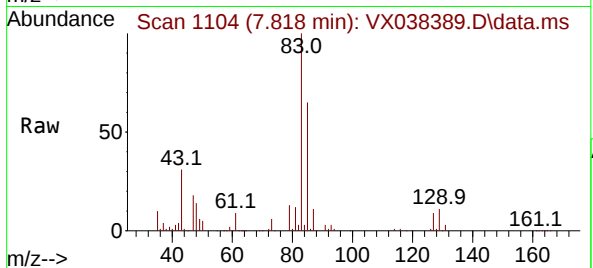
174 92.5 69.4 104.0





#47
Bromodichloromethane
Concen: 57.580 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

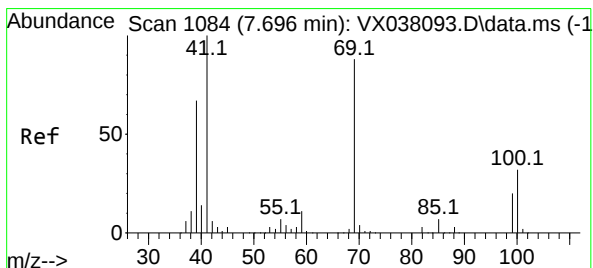
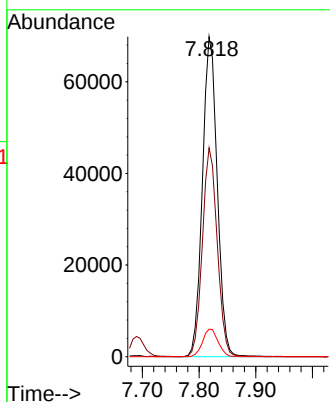
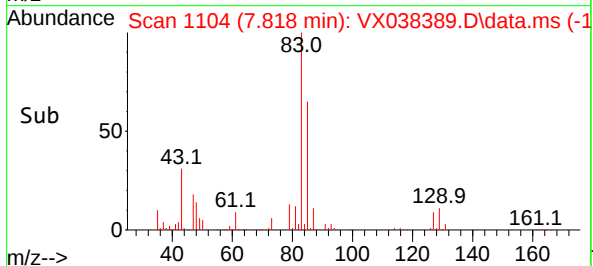
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126915
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.6 7.1 10.7

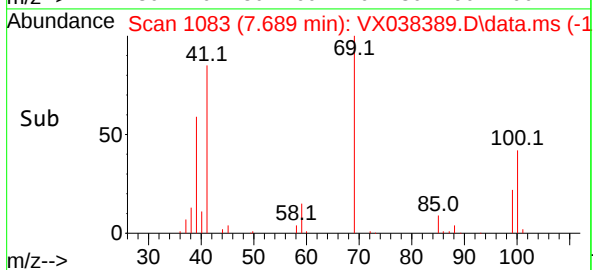
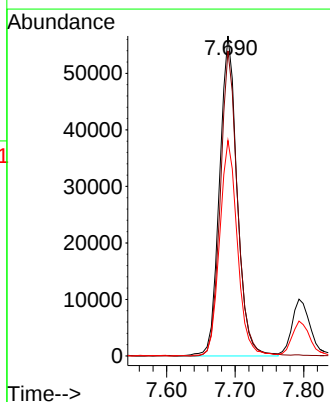
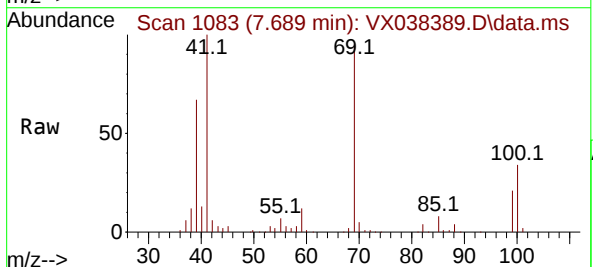
Manual Integrations
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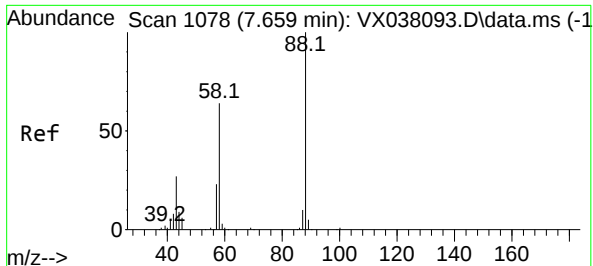
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 54.134 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 41 Resp: 101111
Ion Ratio Lower Upper
41 100
69 92.3 59.2 88.8#
39 67.9 47.7 71.5





#49

1,4-Dioxane

Concen: 917.945 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 42250

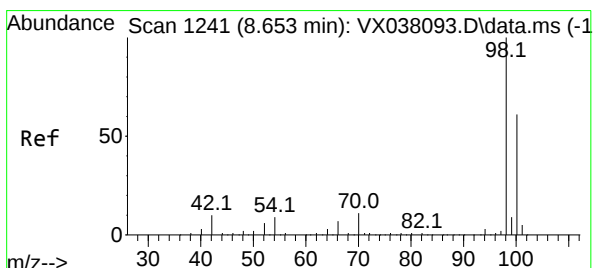
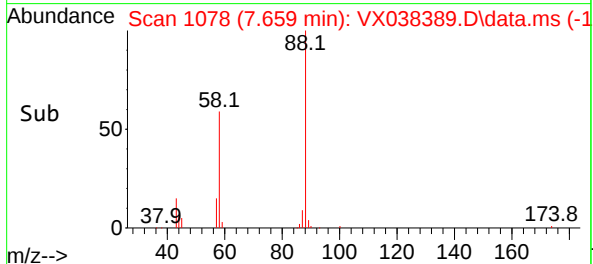
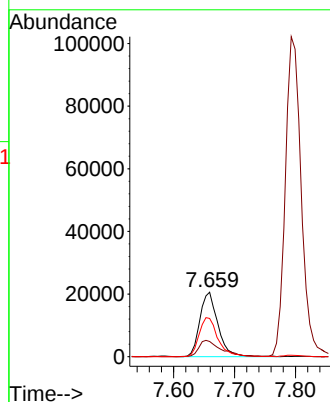
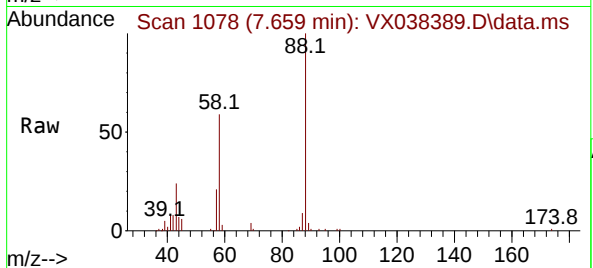
Ion	Ratio	Lower	Upper
88	100		
43	31.5	0.0	0.0
58	63.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 51.166 ug/l

RT: 8.647 min Scan# 1240

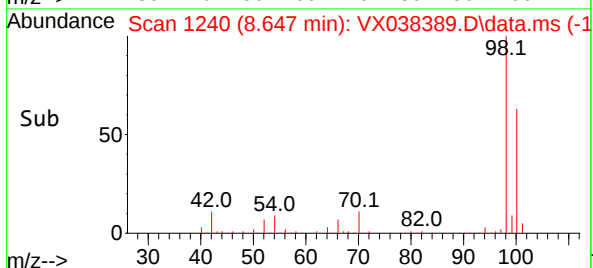
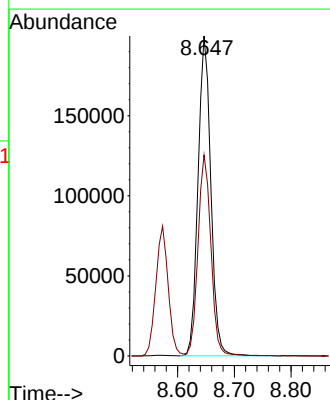
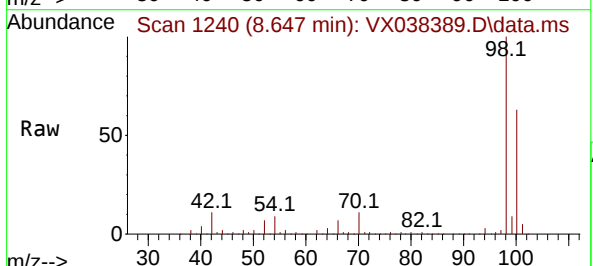
Delta R.T. -0.006 min

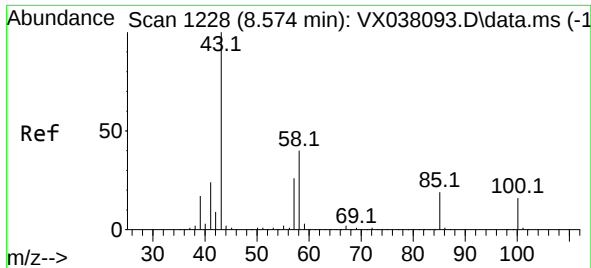
Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion: 98 Resp: 312893

Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.1	79.7





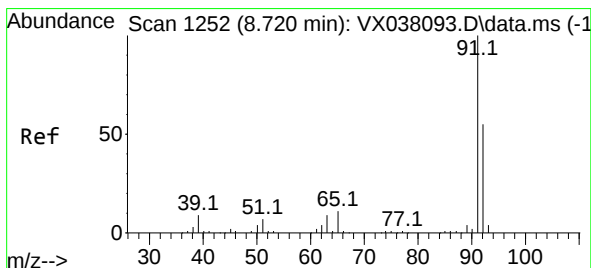
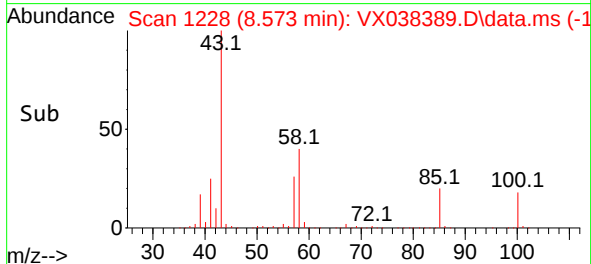
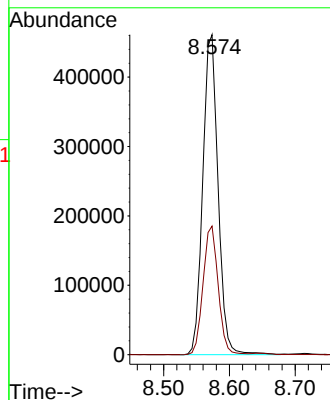
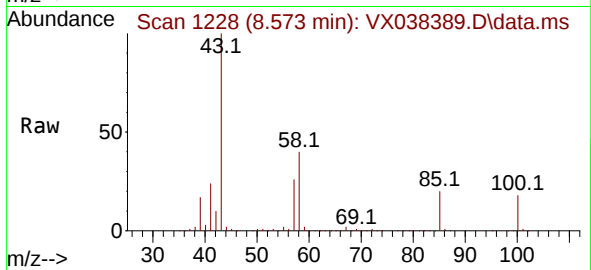
#51
4-Methyl-2-Pentanone
Concen: 276.181 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 745340
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

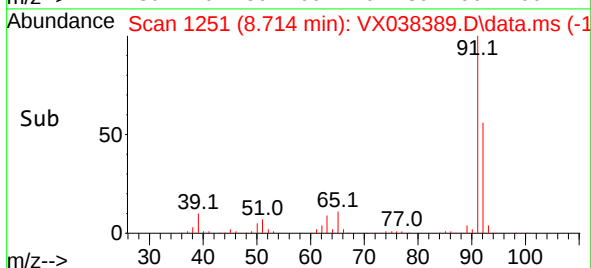
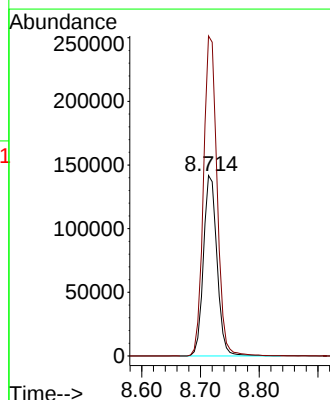
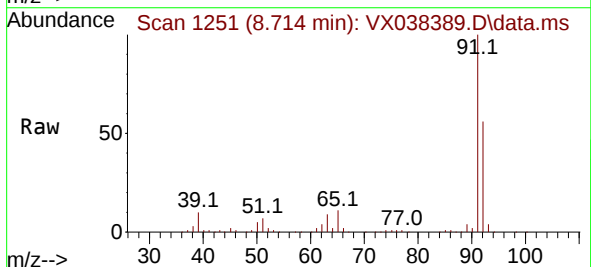
Manual Integrations
APPROVED

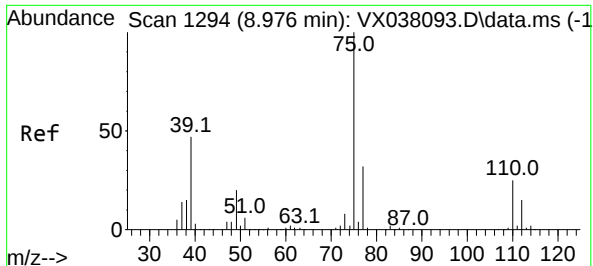
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 56.686 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion: 92 Resp: 227918
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.801 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 134389

Ion Ratio Lower Upper

75 100

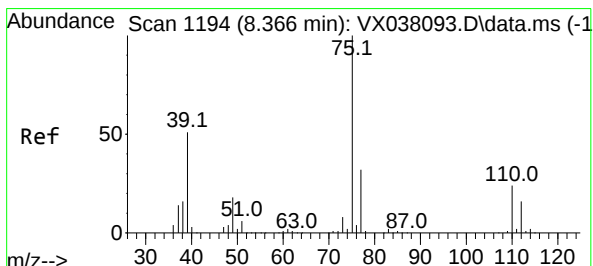
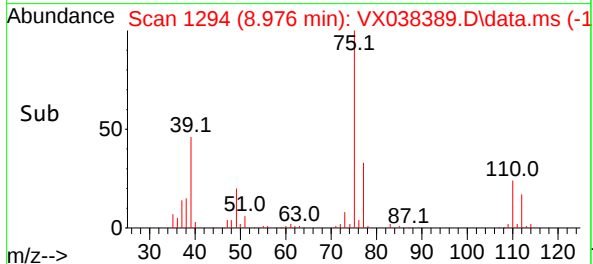
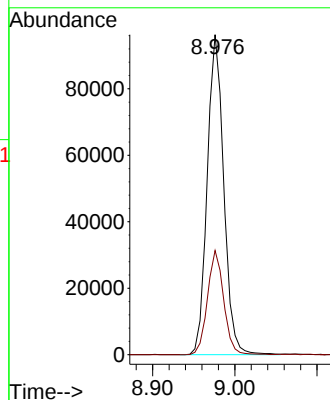
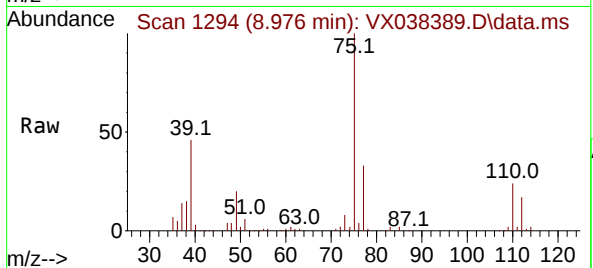
77 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 56.982 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

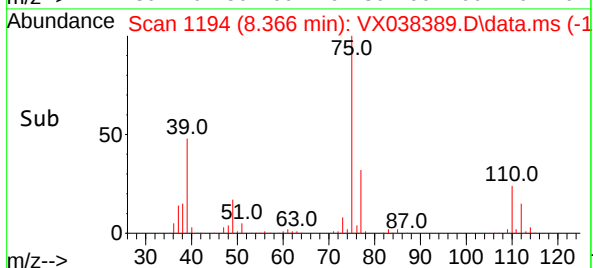
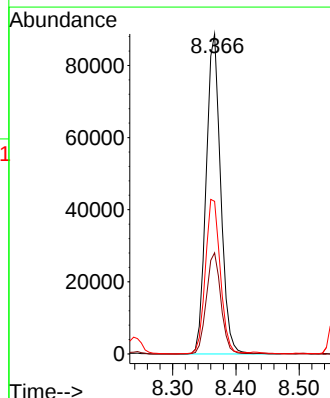
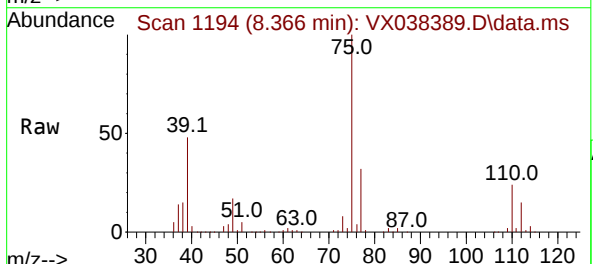
Tgt Ion: 75 Resp: 141645

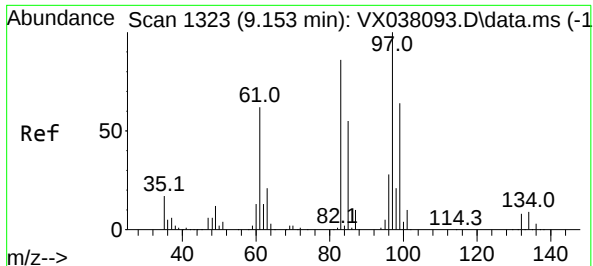
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 47.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 57.355 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

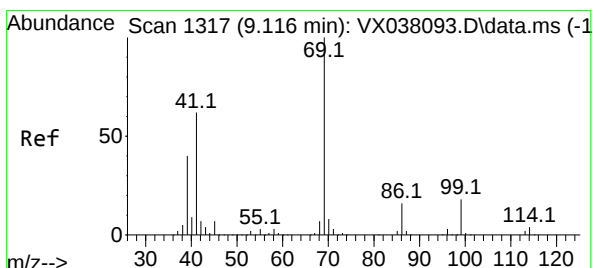
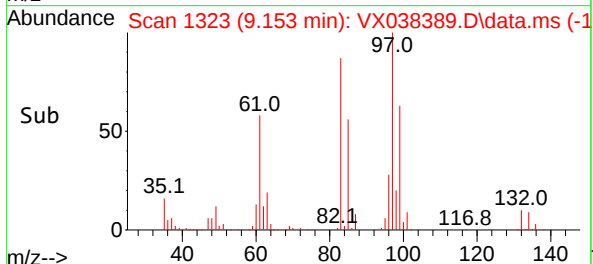
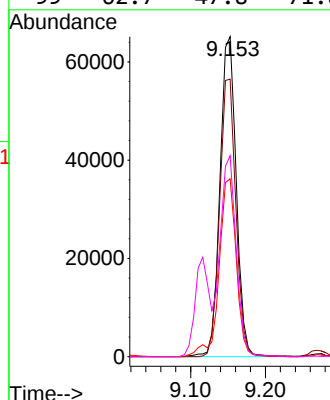
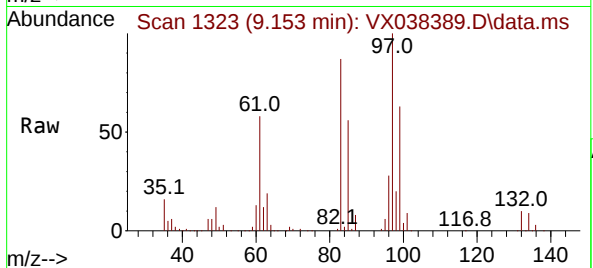
Tgt Ion: 97	Resp: 98638
Ion Ratio	Lower Upper
97 100	
83 86.8	65.8 98.8
85 55.6	41.6 62.4
99 62.7	47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#56

Ethyl methacrylate

Concen: 55.875 ug/l

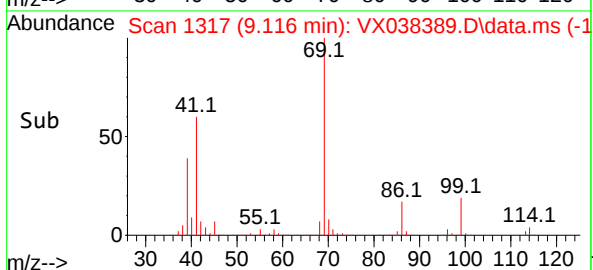
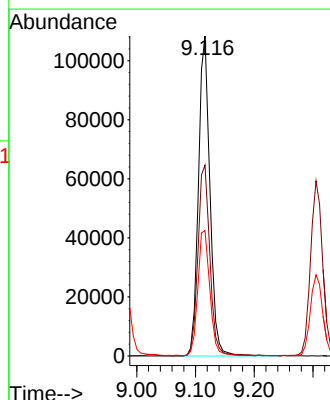
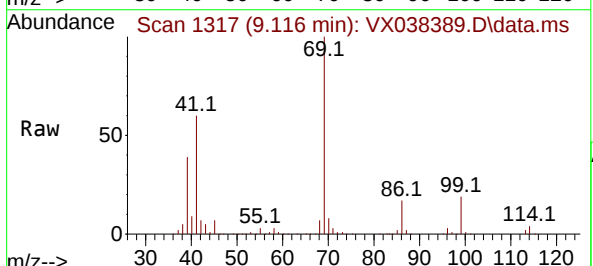
RT: 9.116 min Scan# 1317

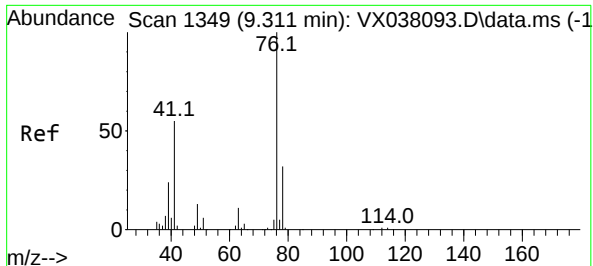
Delta R.T. 0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion: 69	Resp: 147332
Ion Ratio	Lower Upper
69 100	
41 61.6	56.8 85.2
39 40.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 56.784 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15794

Ion Ratio Lower Upper

76 100

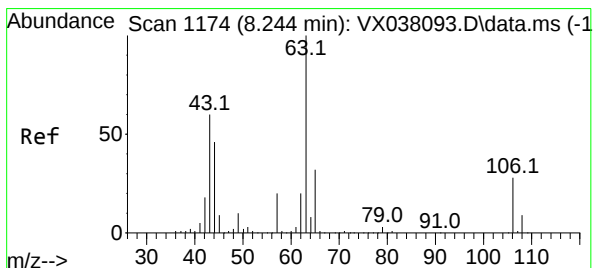
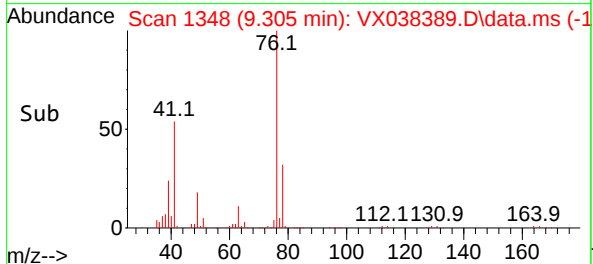
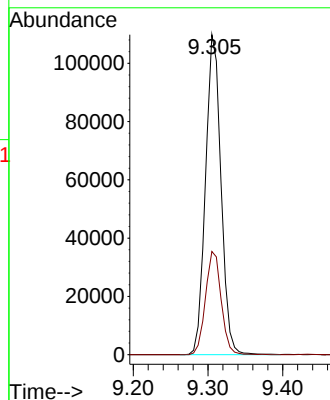
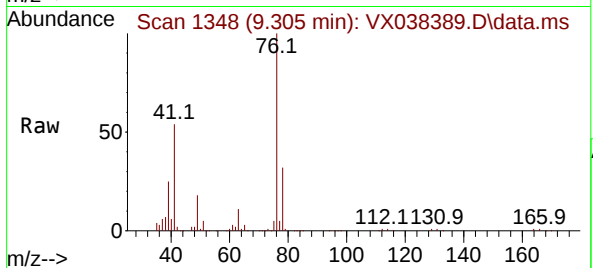
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.936 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038389.D

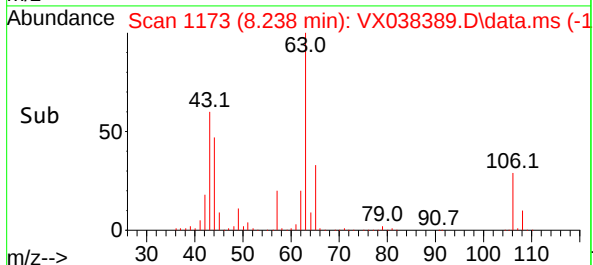
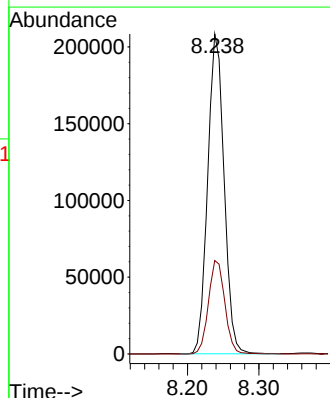
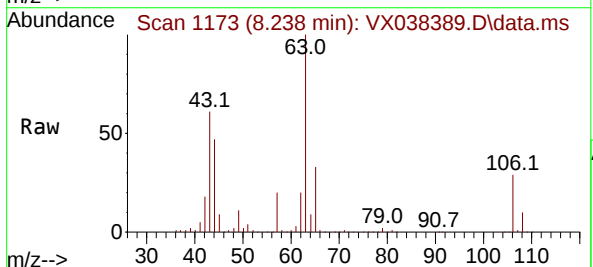
Acq: 19 Oct 2023 17:10

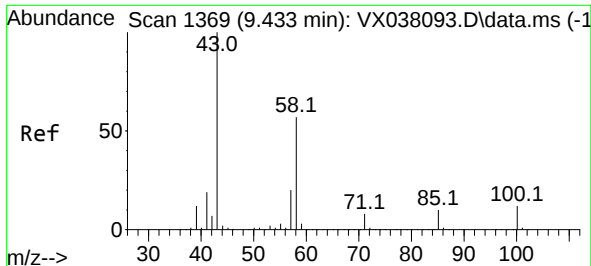
Tgt Ion: 63 Resp: 331257

Ion Ratio Lower Upper

63 100

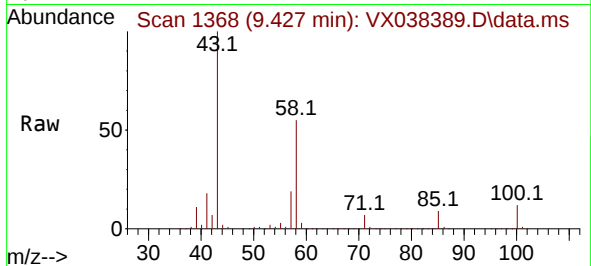
106 29.2 22.5 33.7





#59
2-Hexanone
Concen: 276.368 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

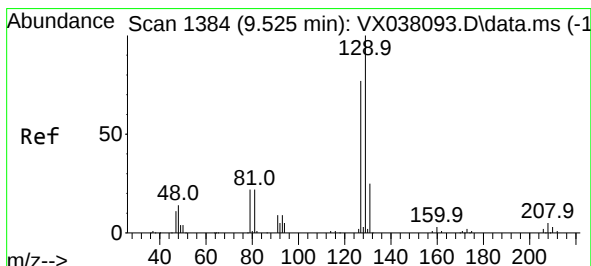
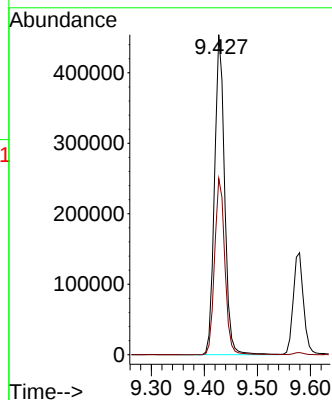
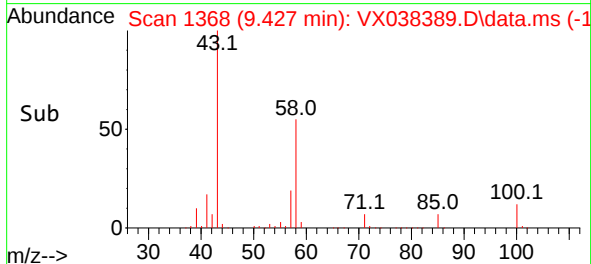
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 599602
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5

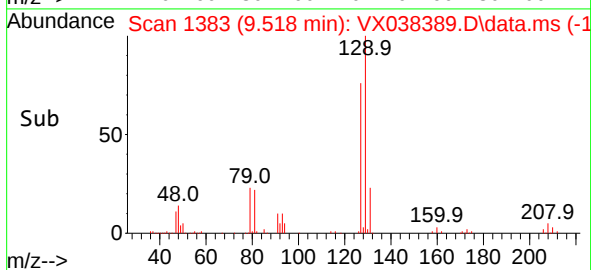
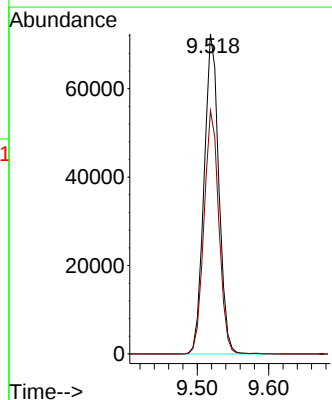
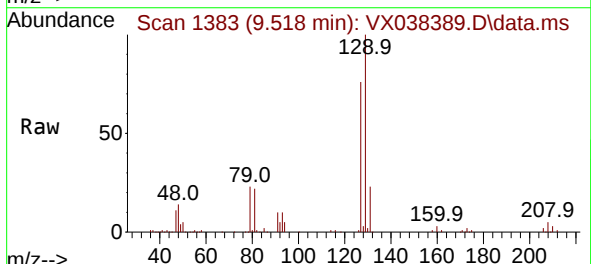
Manual Integrations
APPROVED

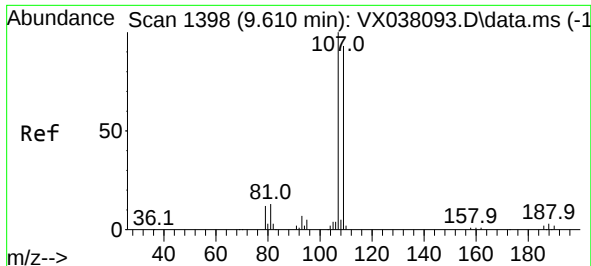
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 61.534 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

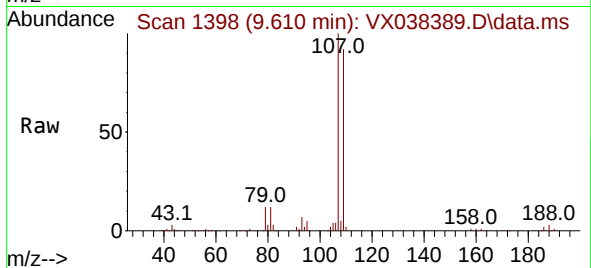
Tgt Ion:129 Resp: 103571
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.628 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

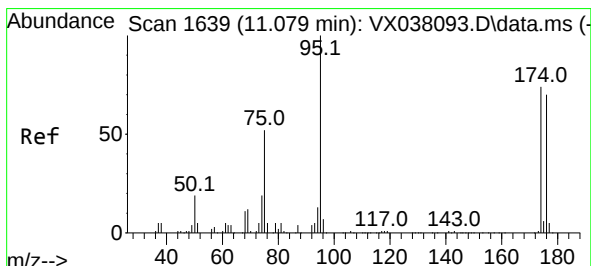
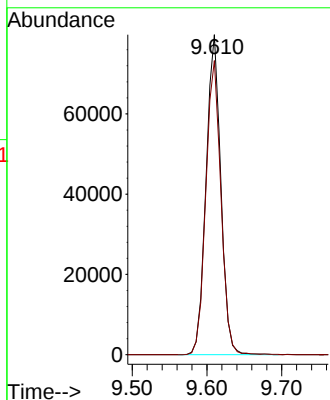
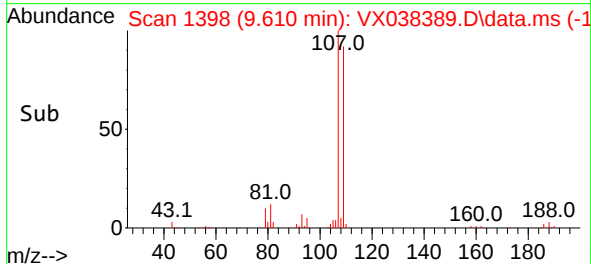
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 109034
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

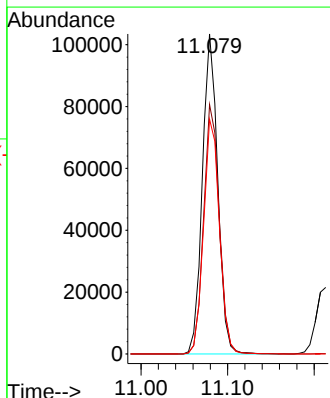
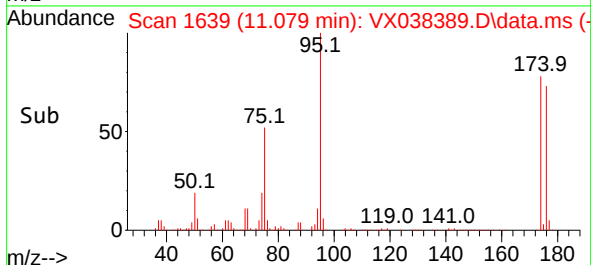
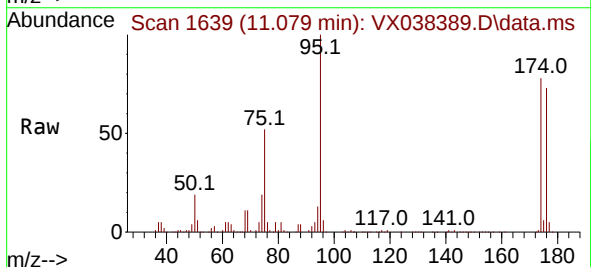
Manual Integrations
APPROVED

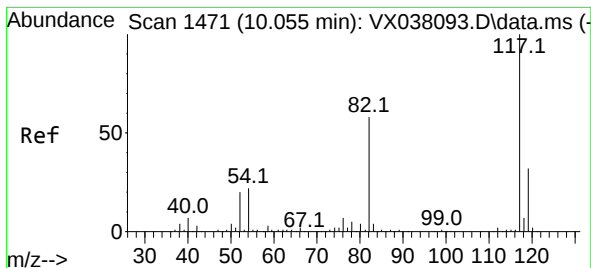
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 54.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

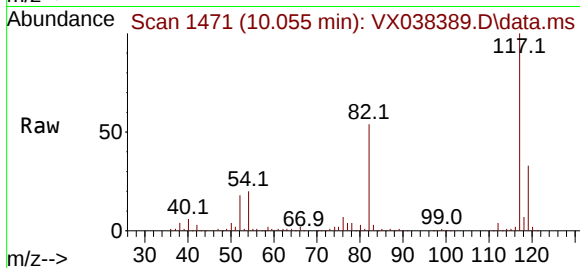
Tgt Ion: 95 Resp: 127181
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 75.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

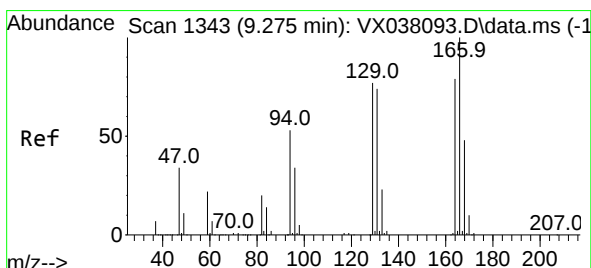
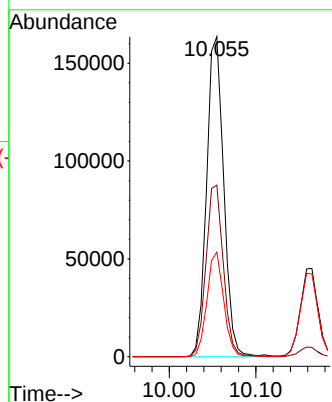
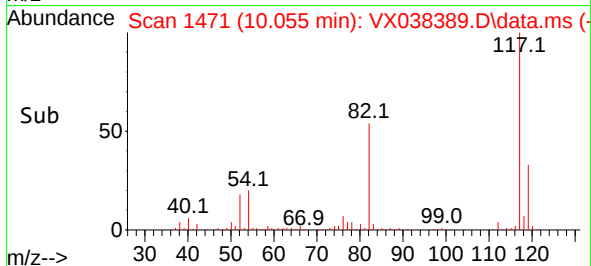
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 224911
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.7 25.5 38.3

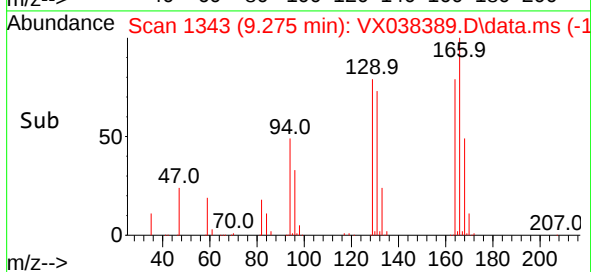
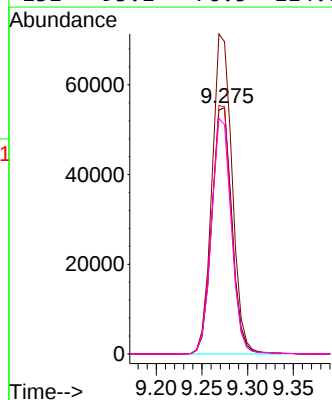
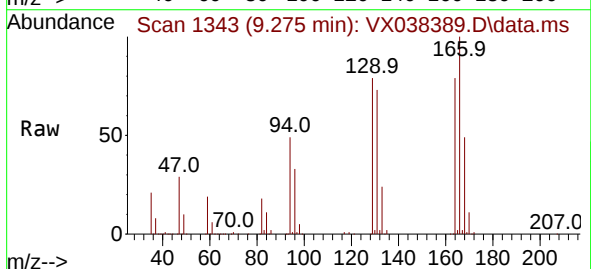
Manual Integrations
APPROVED

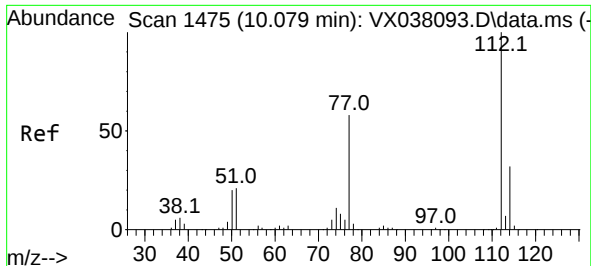
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 57.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:164 Resp: 83631
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 100.4 80.4 120.6
131 93.1 76.5 114.7





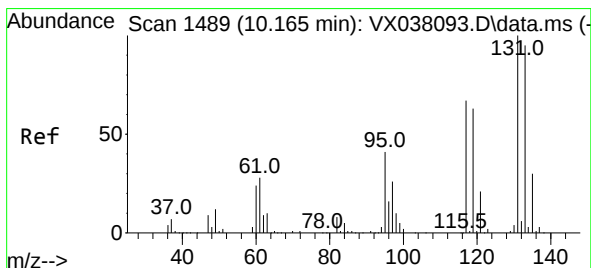
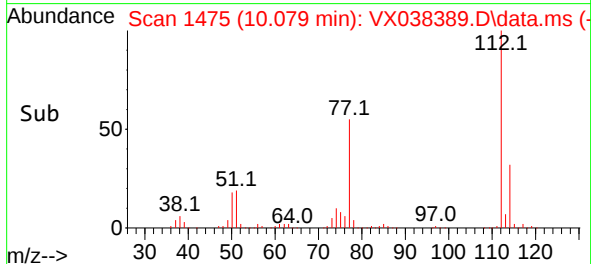
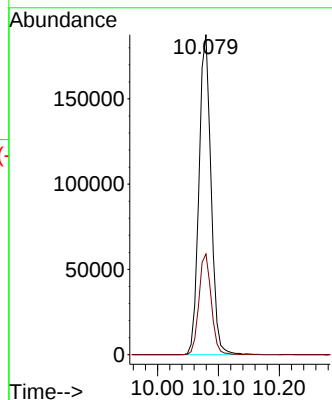
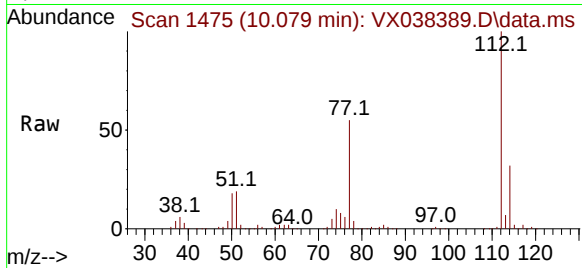
#65
Chlorobenzene
Concen: 54.639 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 25715
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

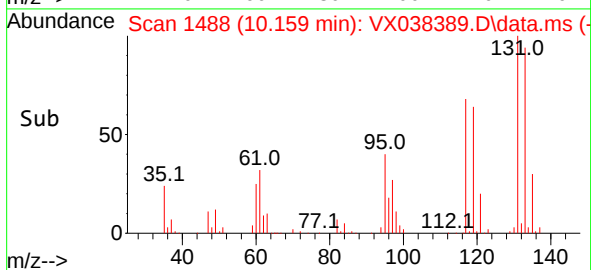
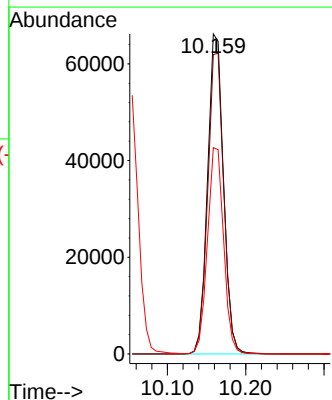
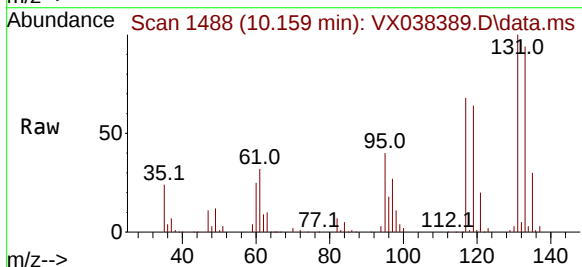
Manual Integrations
APPROVED

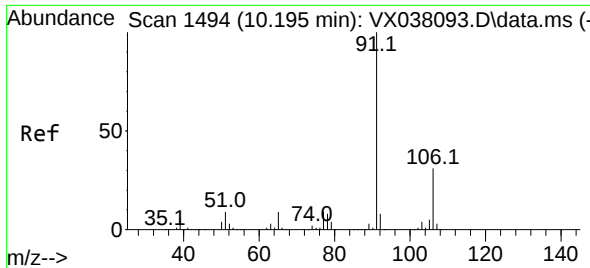
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.671 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

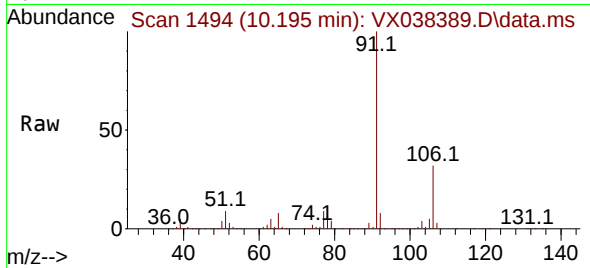
Tgt Ion:131 Resp: 93374
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 65.4 32.2 96.6





#67
Ethyl Benzene
Concen: 55.423 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

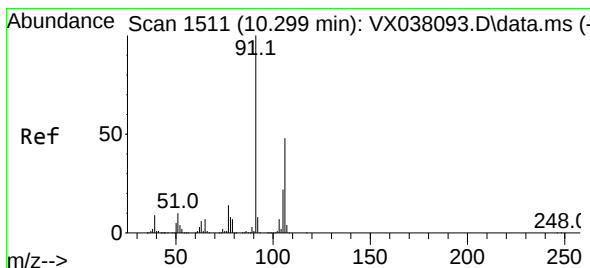
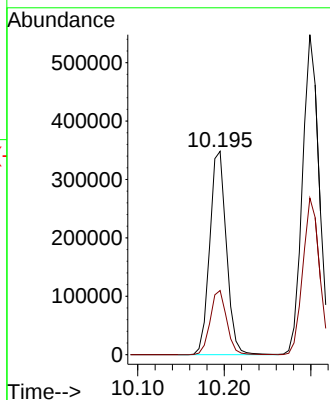
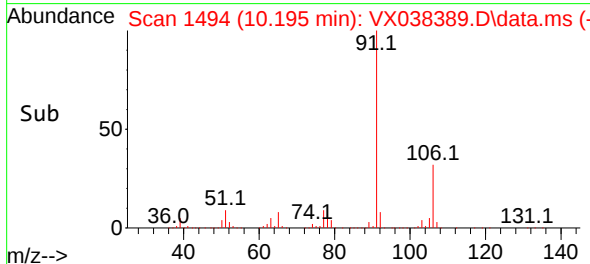
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 465604
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

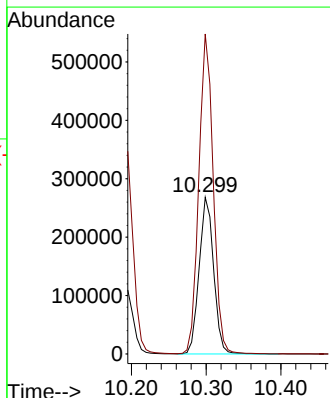
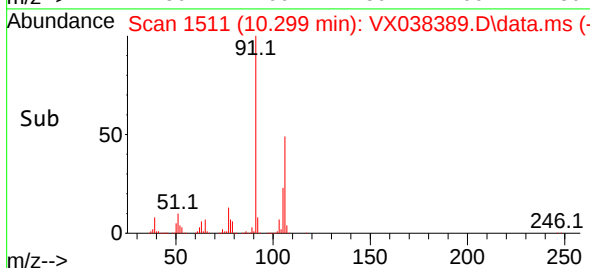
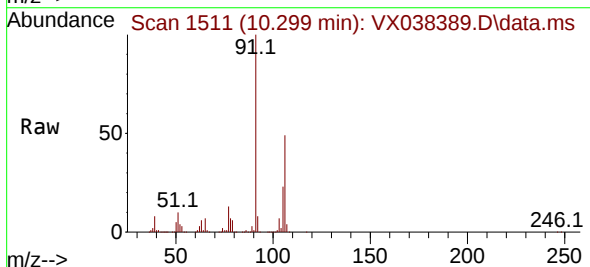
Manual Integrations
APPROVED

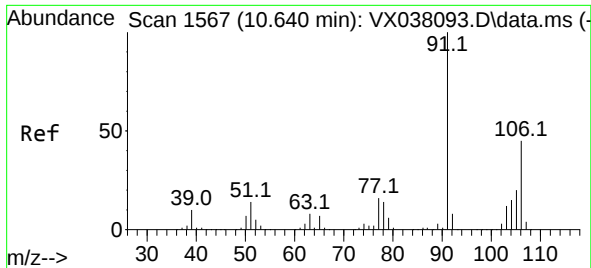
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 111.068 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:106 Resp: 360785
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3





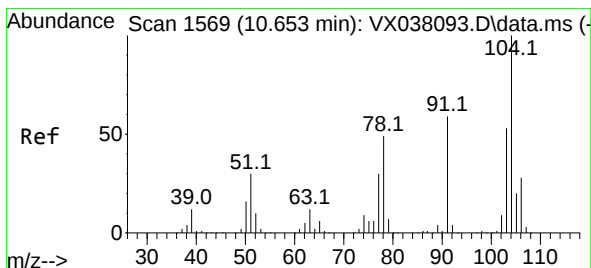
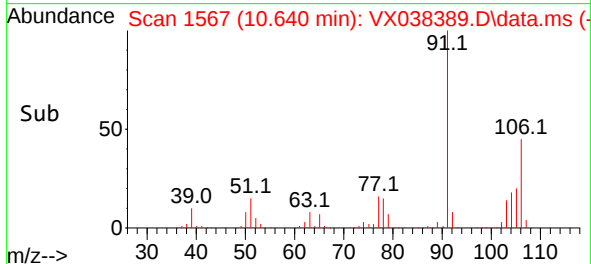
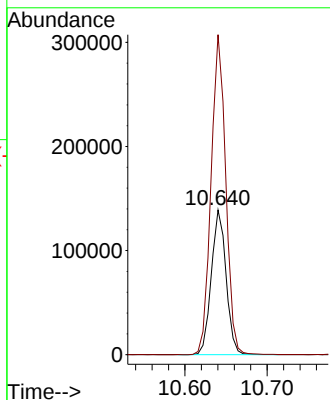
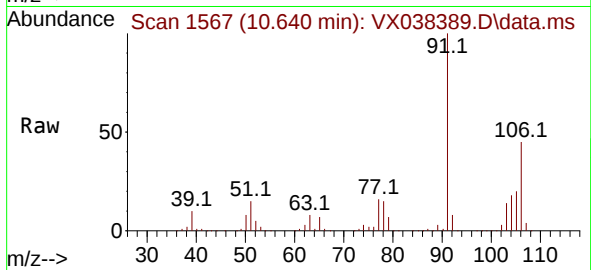
#69
o-Xylene
Concen: 54.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17335
Ion Ratio Lower Upper
106 100
91 219.8 108.9 326.8

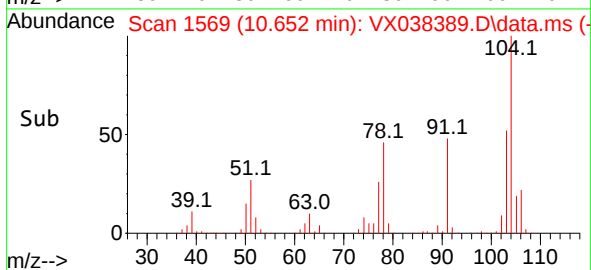
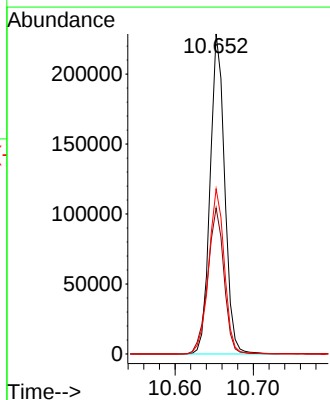
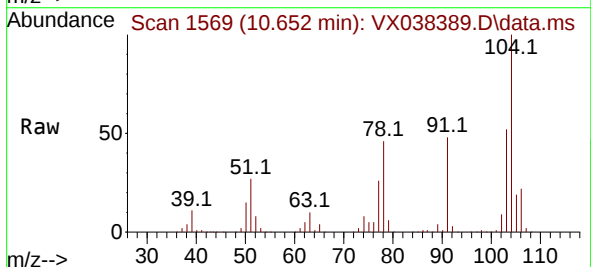
Manual Integrations
APPROVED

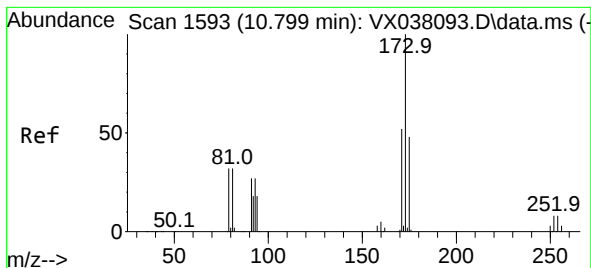
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 57.241 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

Tgt Ion:104 Resp: 295536
Ion Ratio Lower Upper
104 100
78 50.9 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 51.627 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

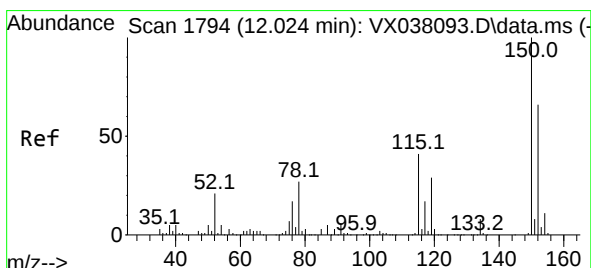
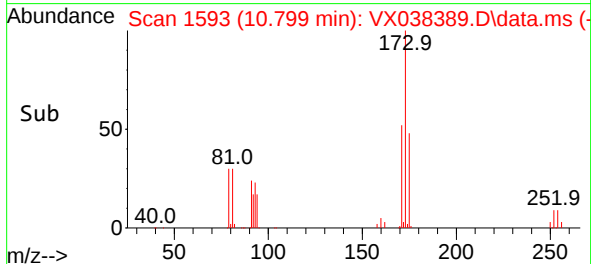
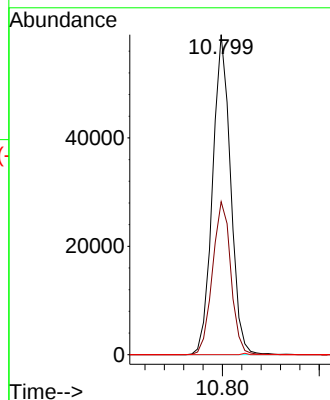
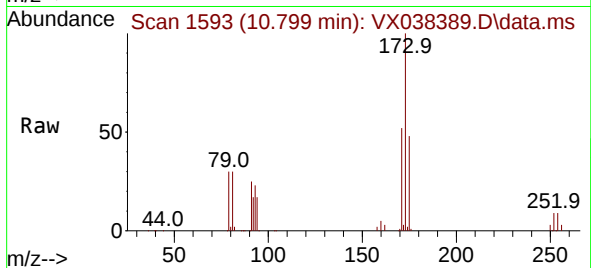
Tgt Ion:173 Resp: 7636
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

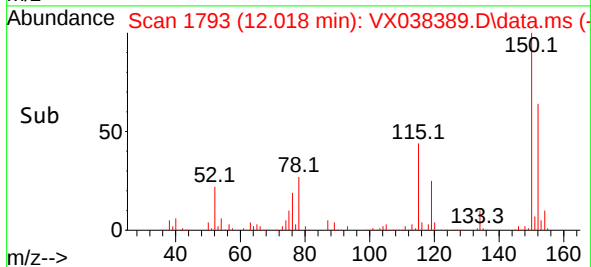
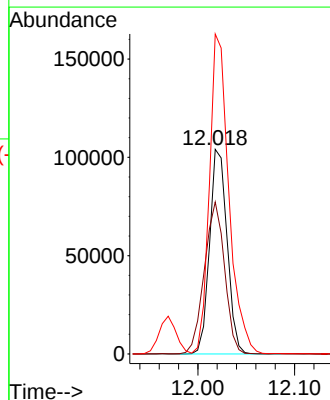
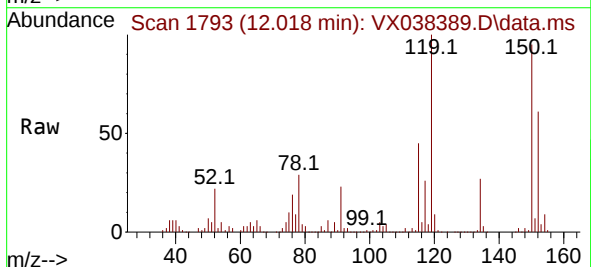
RT: 12.018 min Scan# 1793

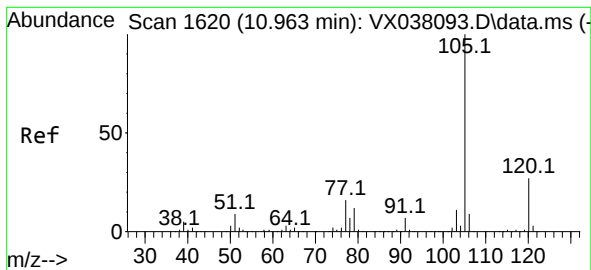
Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion:152 Resp: 131004
 Ion Ratio Lower Upper
 152 100
 115 86.1 43.3 129.9
 150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 53.378 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 46895

Ion Ratio Lower Upper

105 100

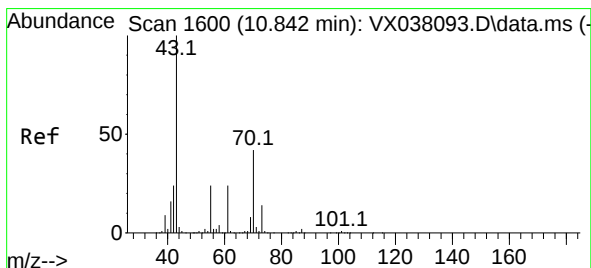
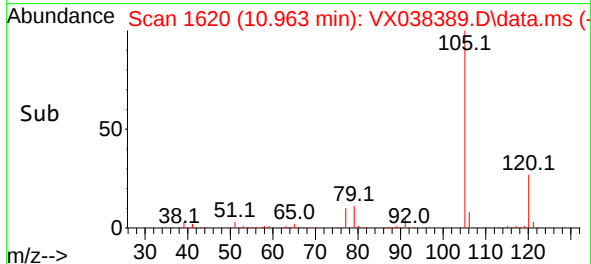
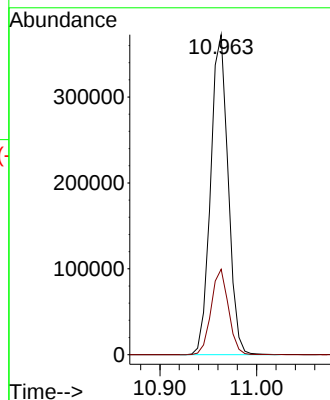
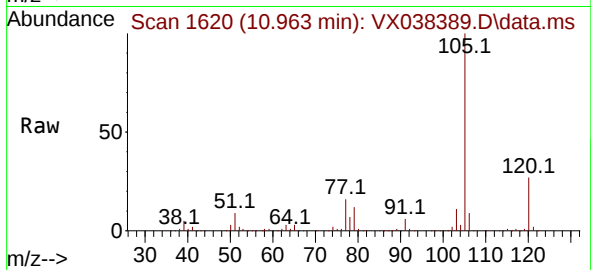
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 52.205 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion: 43 Resp: 195861

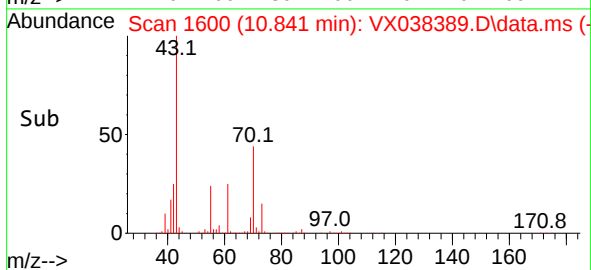
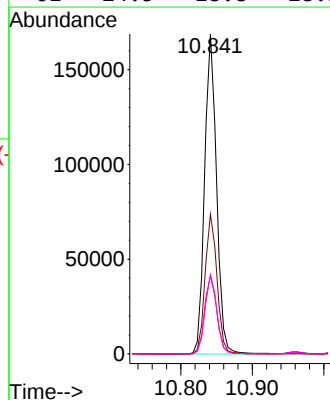
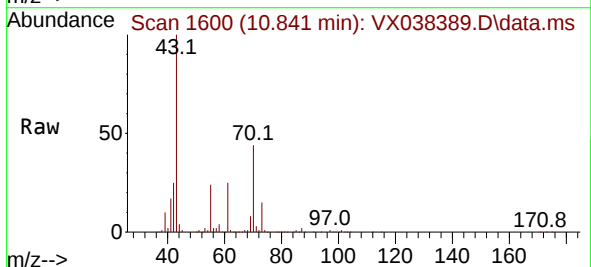
Ion Ratio Lower Upper

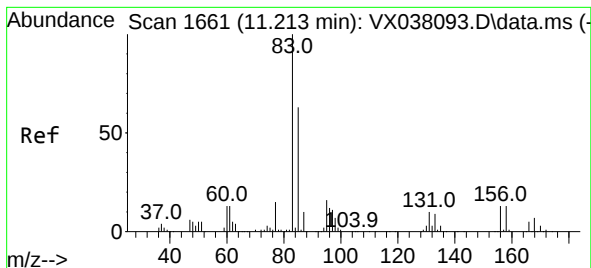
43 100

70 43.8 32.9 49.3

55 25.1 19.3 28.9

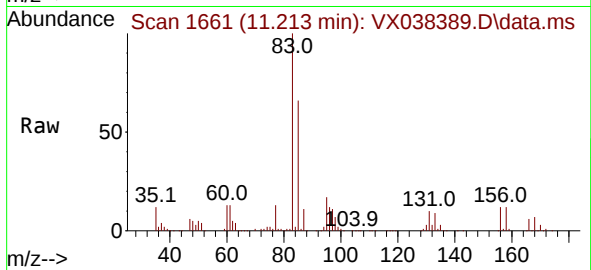
61 24.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.210 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

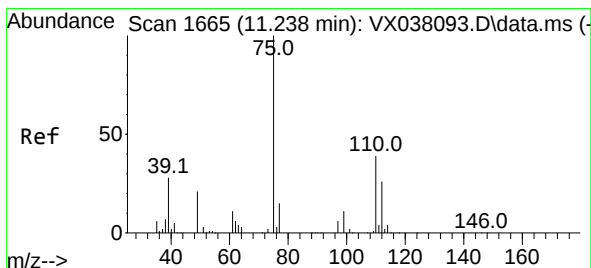
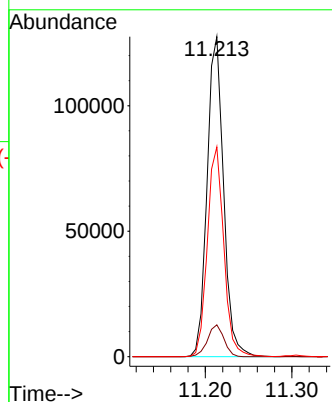
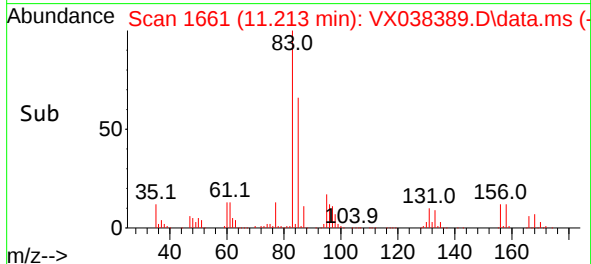
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



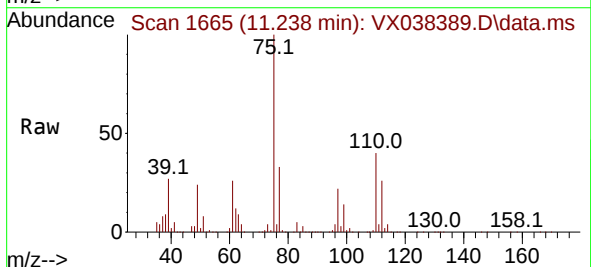
Tgt Ion: 83 Resp: 168312
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.7 32.0 96.2

Manual Integrations
APPROVED

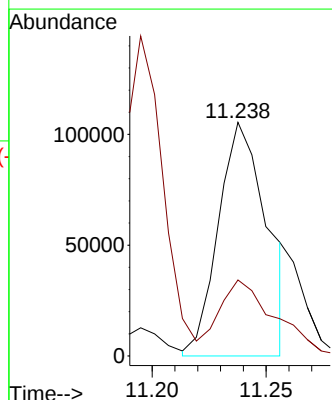
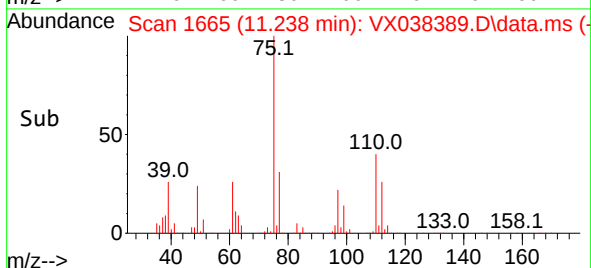
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

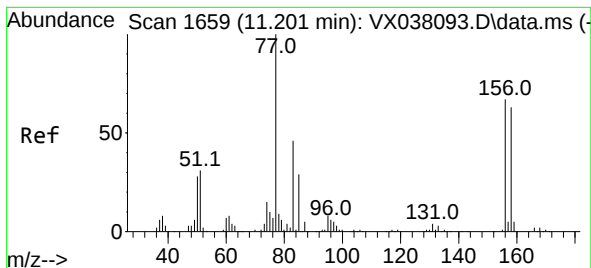


#76
1,2,3-Trichloropropane
Concen: 52.363 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10



Tgt Ion: 75 Resp: 155948
Ion Ratio Lower Upper
75 100
77 37.7 19.1 57.5





#77

Bromobenzene

Concen: 54.296 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

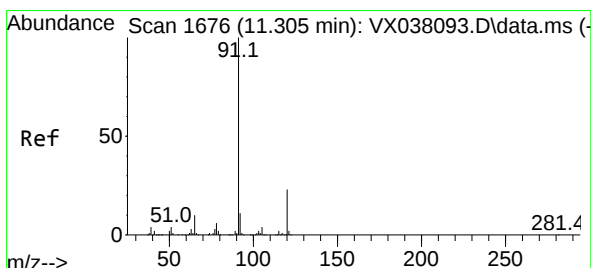
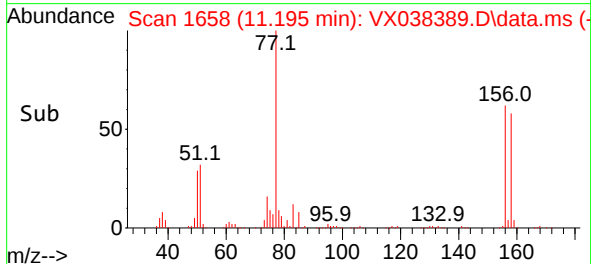
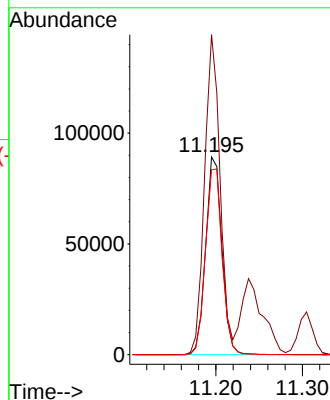
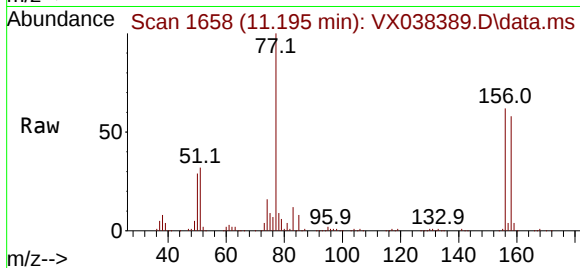
Tgt Ion:	156	Resp:	11646
Ion Ratio	Lower	Upper	
156	100		
77	154.2	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 52.765 ug/l

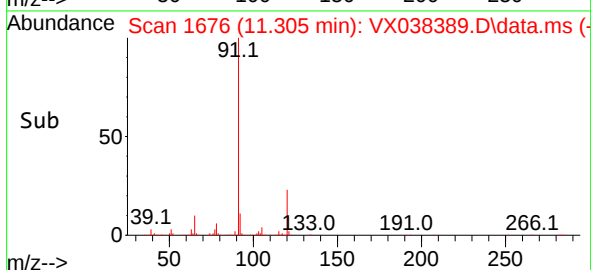
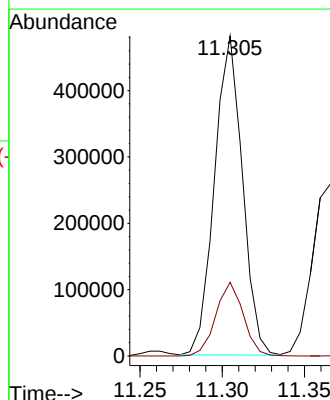
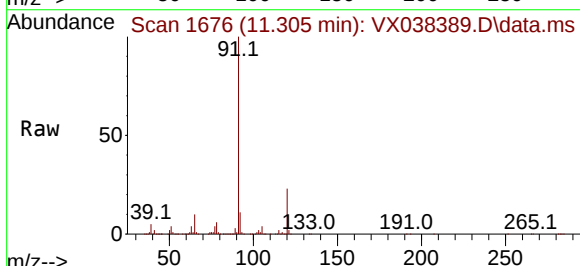
RT: 11.305 min Scan# 1676

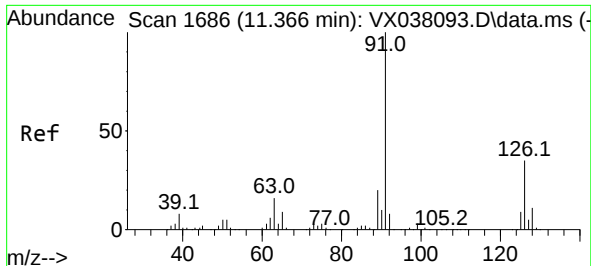
Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion:	91	Resp:	566825
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.933 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 324484

Ion Ratio Lower Upper

91 100

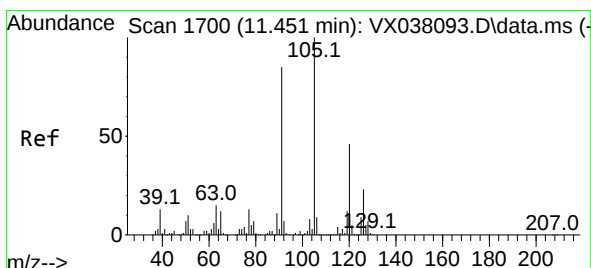
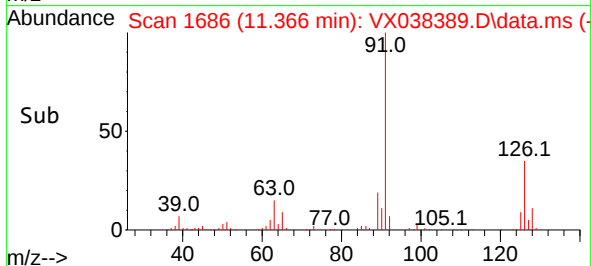
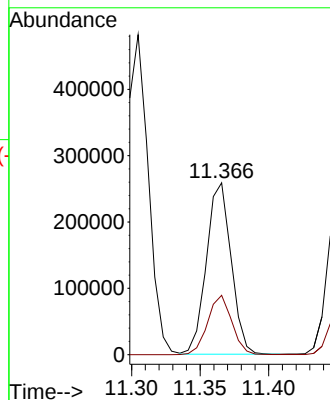
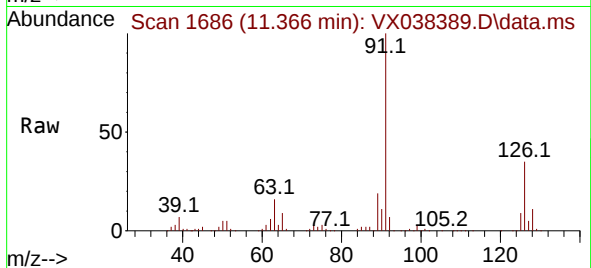
126 33.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 53.504 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038389.D

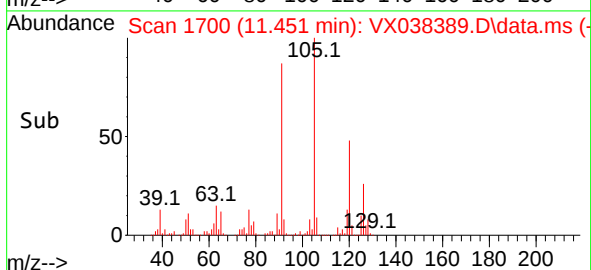
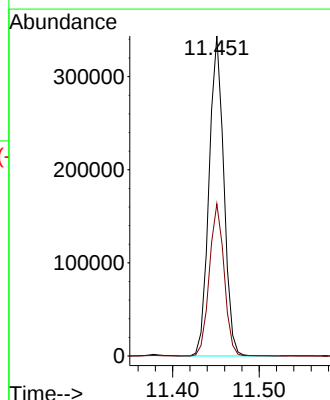
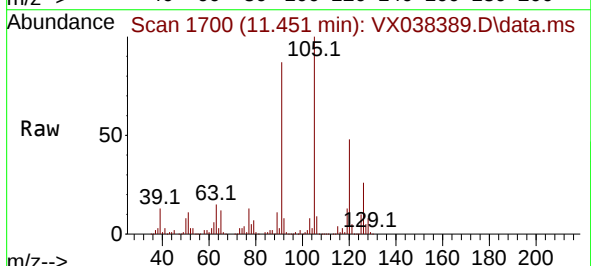
Acq: 19 Oct 2023 17:10

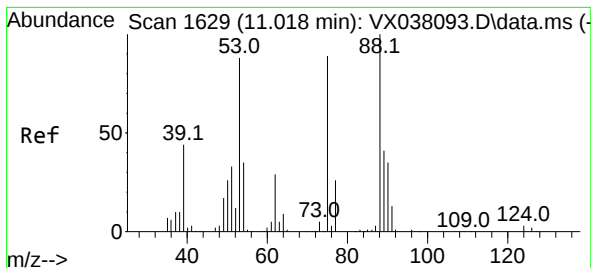
Tgt Ion:105 Resp: 405540

Ion Ratio Lower Upper

105 100

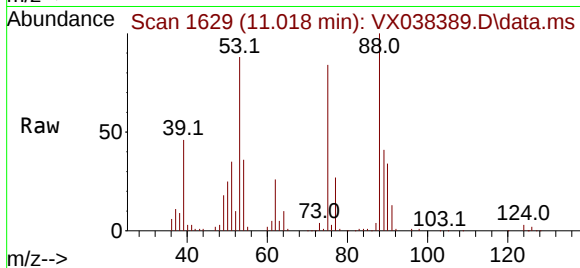
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.999 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

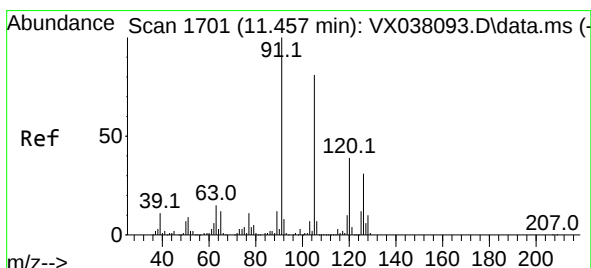
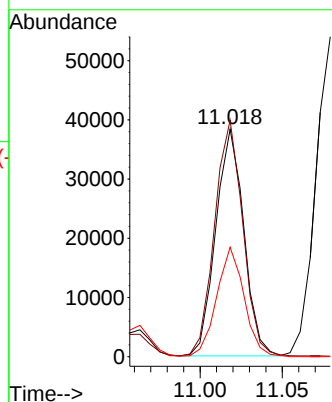
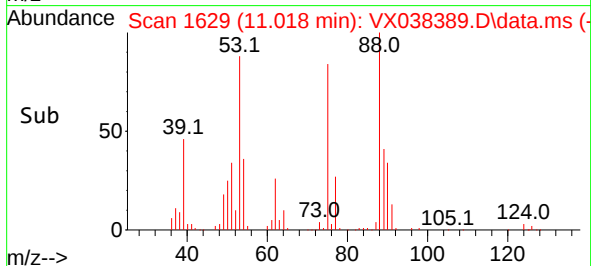
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45449
Ion Ratio Lower Upper
75 100
53 105.9 90.5 135.7
89 47.3 36.9 55.3

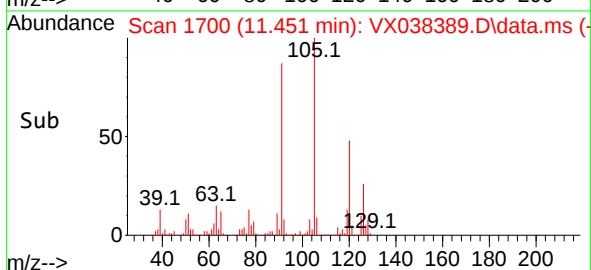
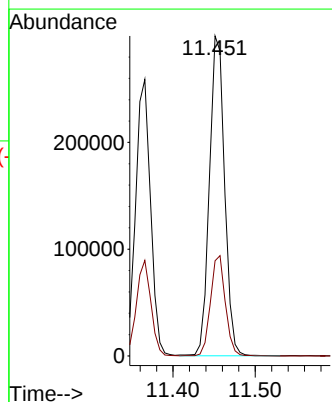
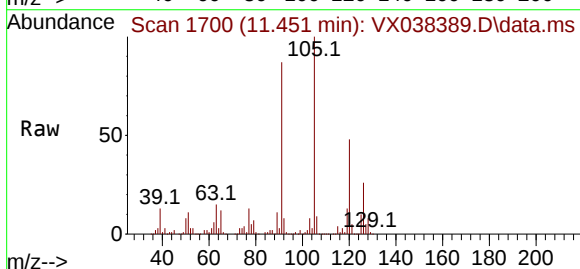
Manual Integrations
APPROVED

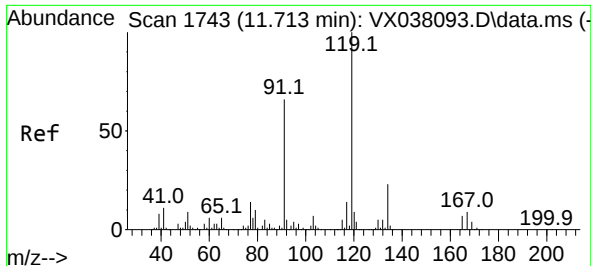
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 50.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

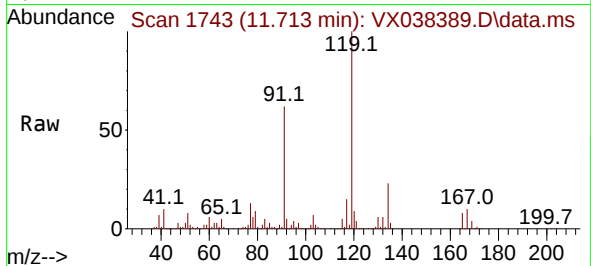
Tgt Ion: 91 Resp: 383772
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.341 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

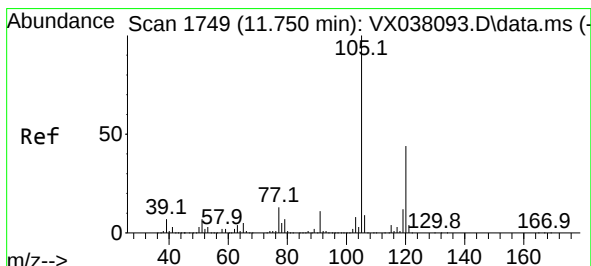
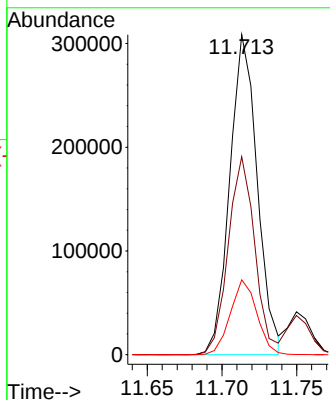
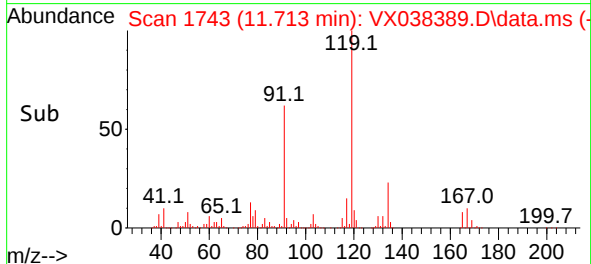
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



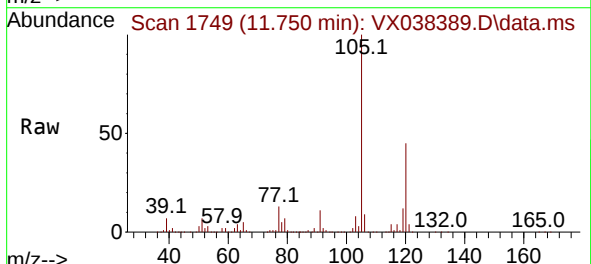
Tgt Ion:119 Resp: 395054
Ion Ratio Lower Upper
119 100
91 59.9 31.2 93.6
134 22.5 11.7 35.0

Manual Integrations
APPROVED

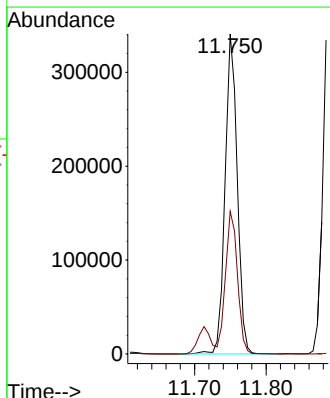
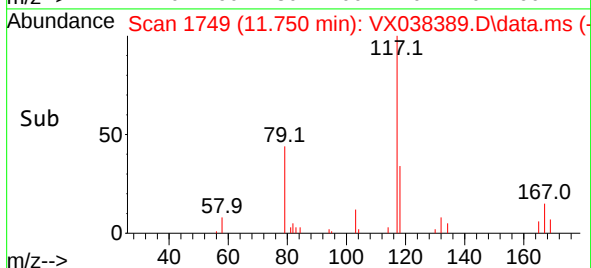
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

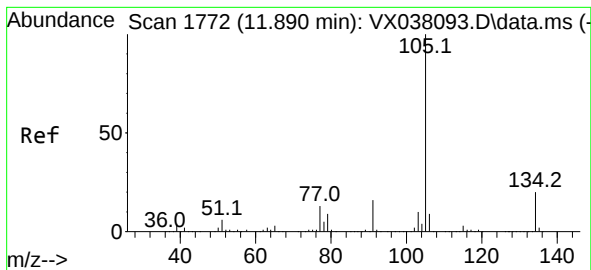


#84
1,2,4-Trimethylbenzene
Concen: 53.322 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10



Tgt Ion:105 Resp: 402971
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.760 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038389.D
 Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

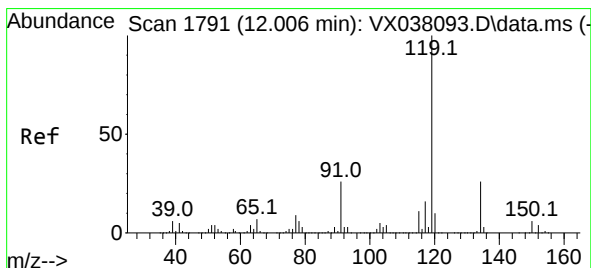
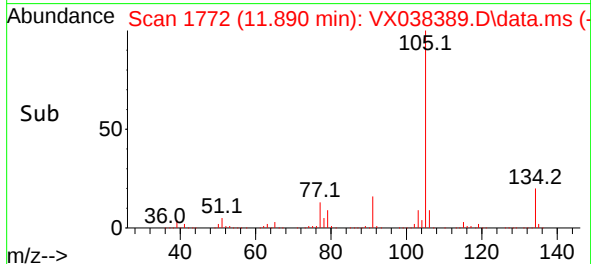
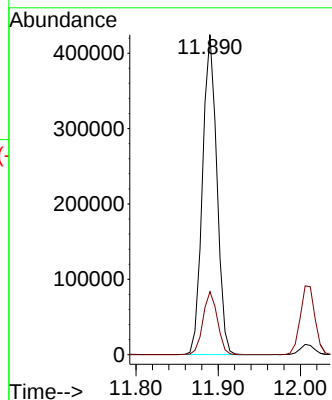
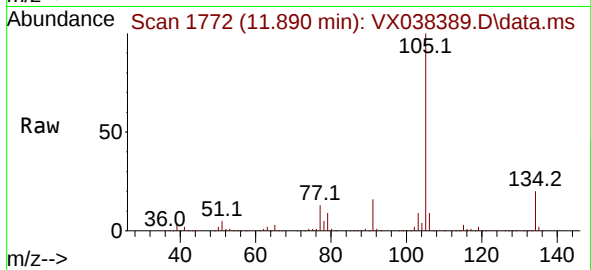
VSTDCCC050EC

Tgt Ion:105 Resp: 51577
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations

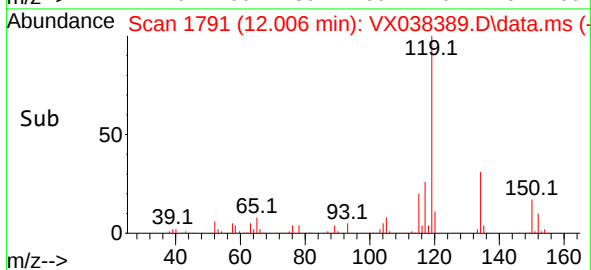
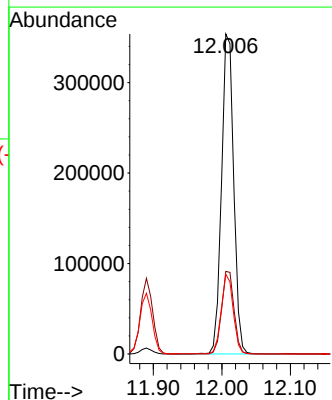
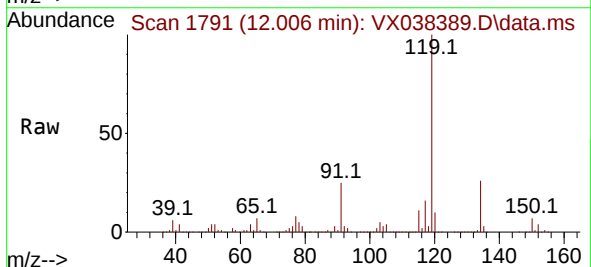
APPROVED

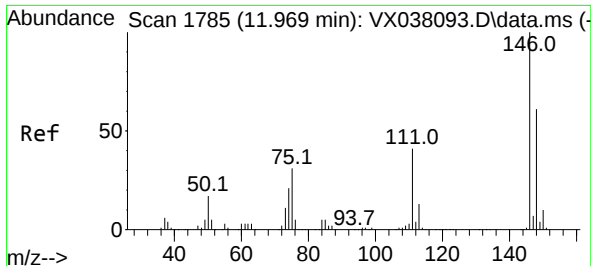
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 54.914 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038389.D
 Acq: 19 Oct 2023 17:10

Tgt Ion:119 Resp: 434671
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.464 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 22602

Ion Ratio Lower Upper

146 100

111 40.4 22.1 66.1

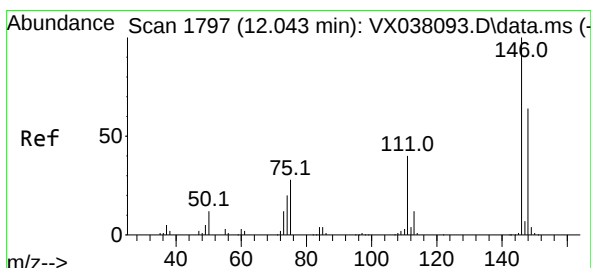
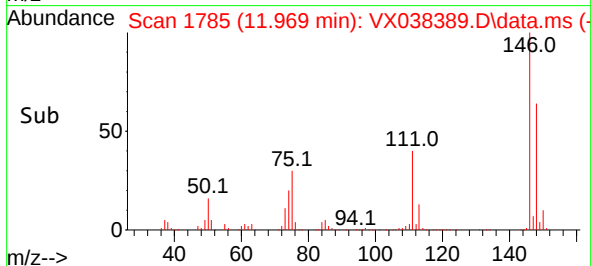
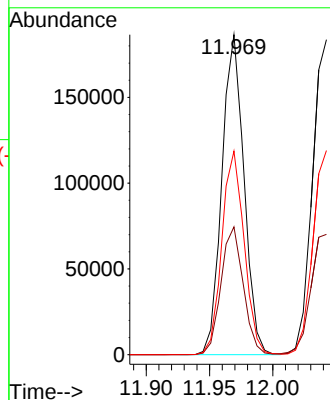
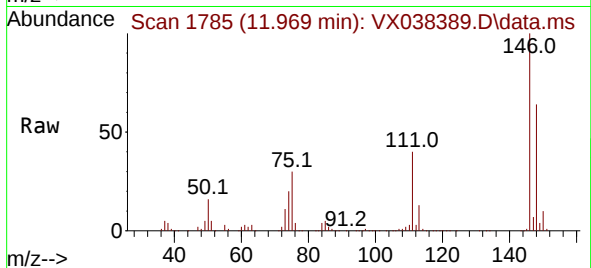
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 51.814 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

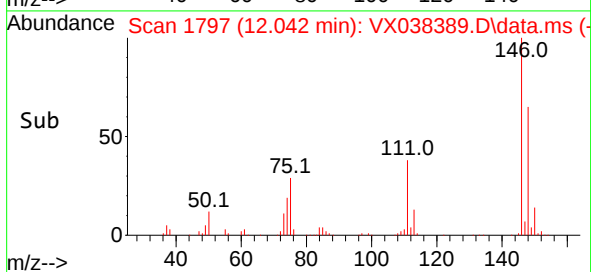
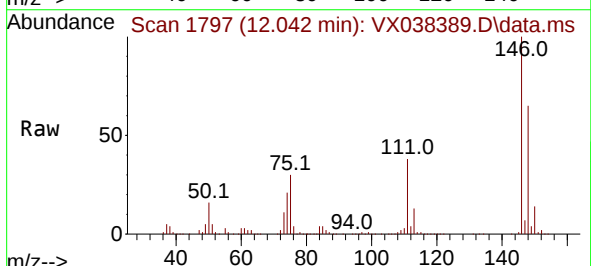
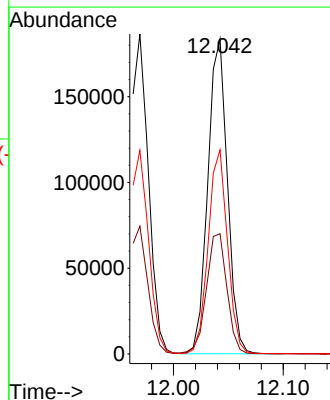
Tgt Ion:146 Resp: 227894

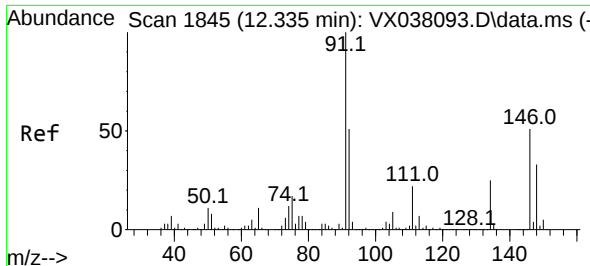
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 52.279 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 41212

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

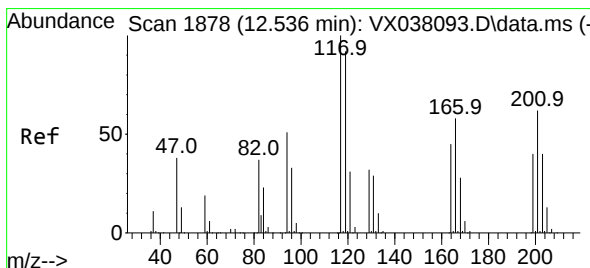
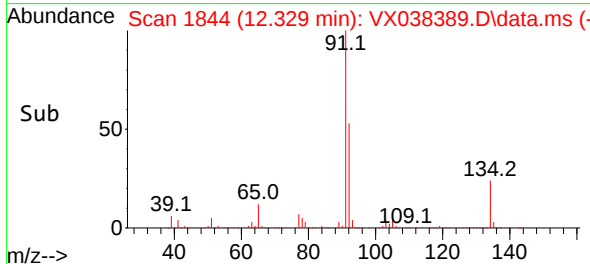
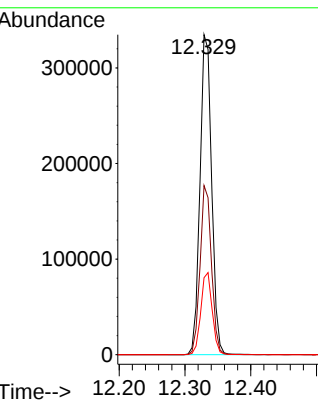
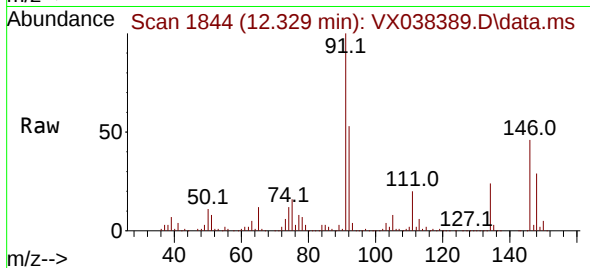
134 25.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 54.905 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038389.D

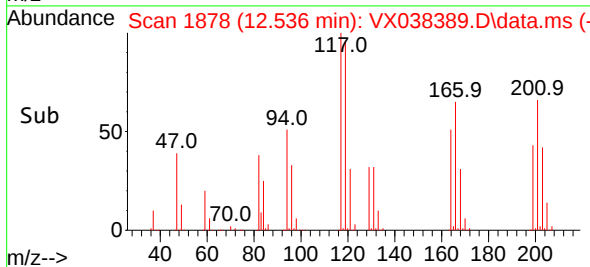
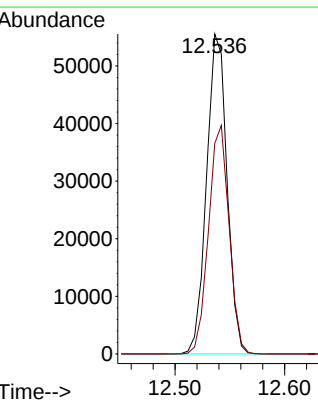
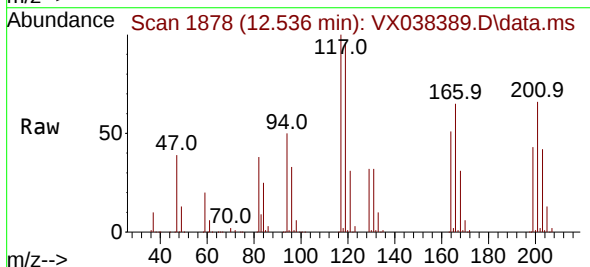
Acq: 19 Oct 2023 17:10

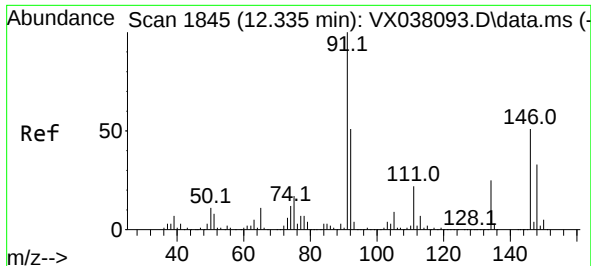
Tgt Ion:117 Resp: 72058

Ion Ratio Lower Upper

117 100

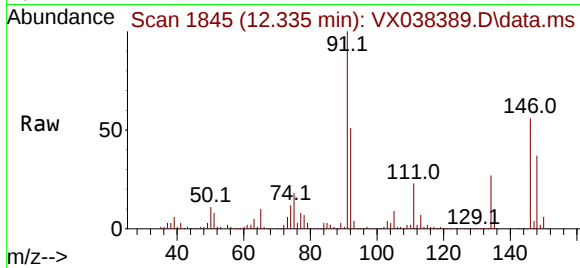
201 71.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.580 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

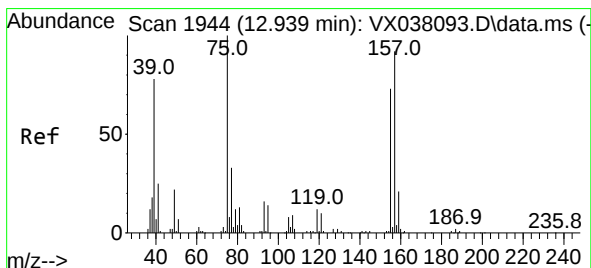
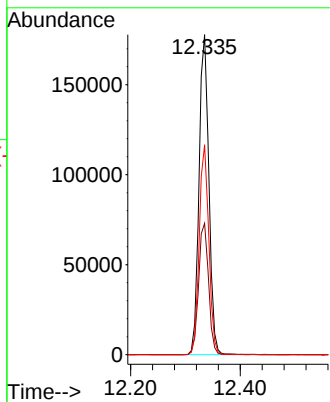
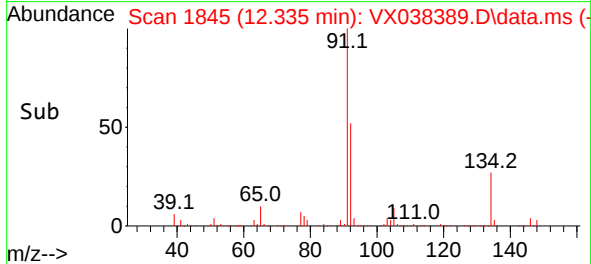
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



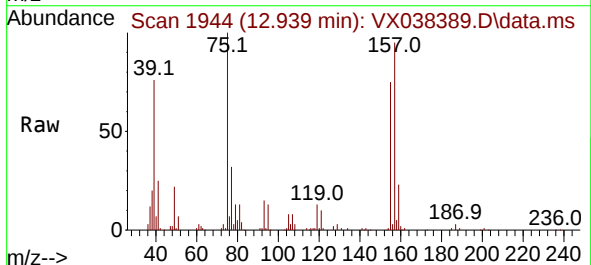
Tgt Ion:146 Resp: 22188
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

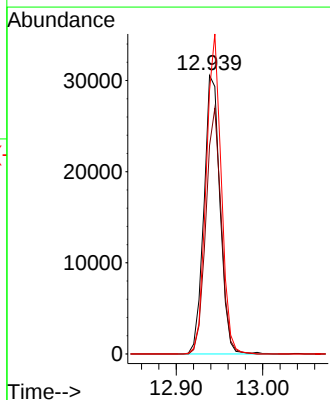
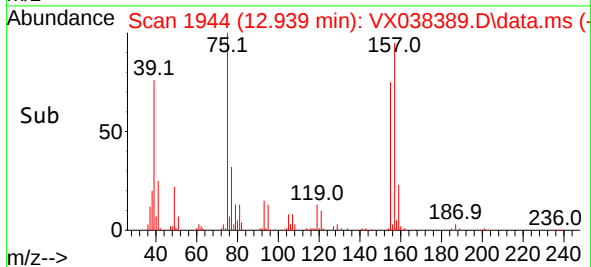
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

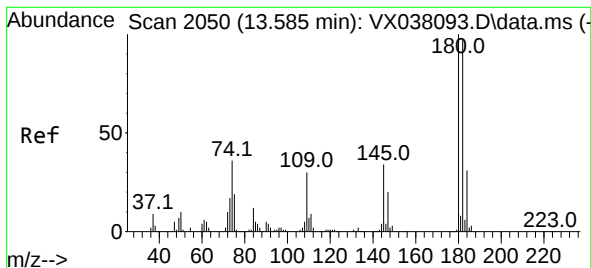


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.580 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10



Tgt Ion: 75 Resp: 39424
Ion Ratio Lower Upper
75 100
155 84.0 36.1 108.5
157 107.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.981 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 14993

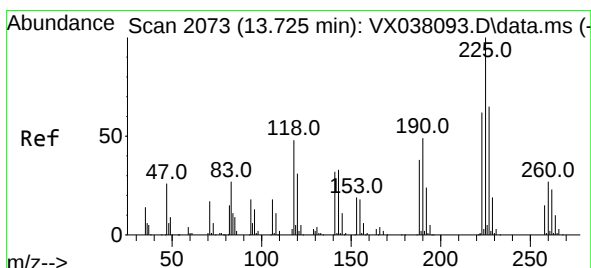
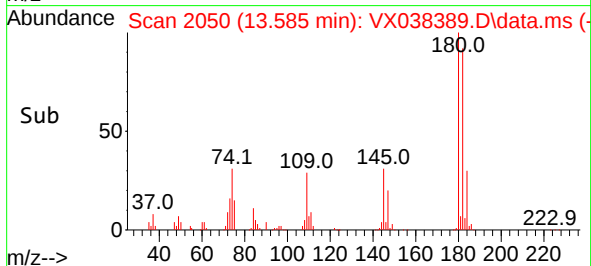
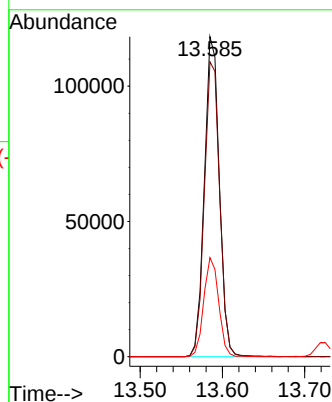
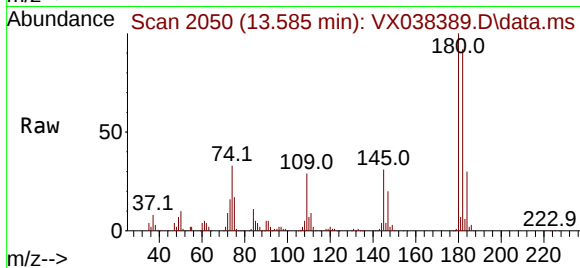
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.3	144.8
145	30.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 55.073 ug/l

RT: 13.725 min Scan# 2073

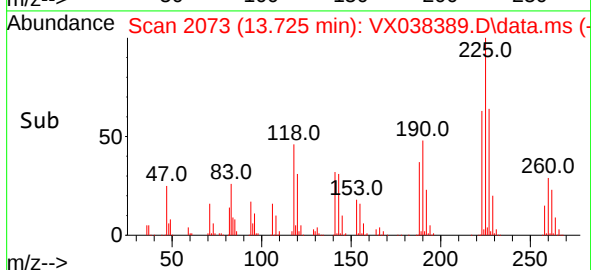
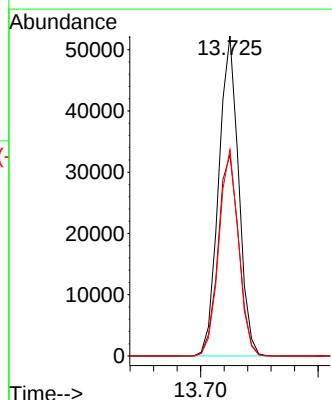
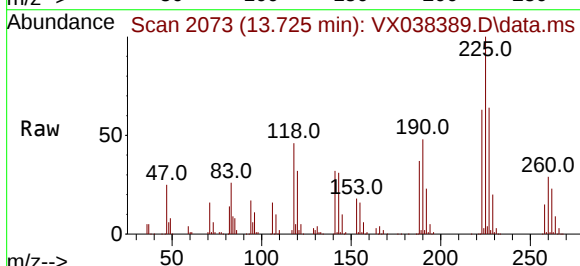
Delta R.T. 0.000 min

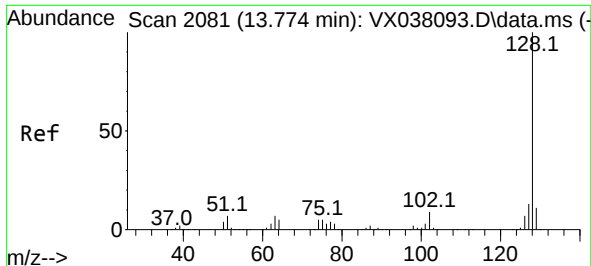
Lab File: VX038389.D

Acq: 19 Oct 2023 17:10

Tgt Ion:225 Resp: 61567

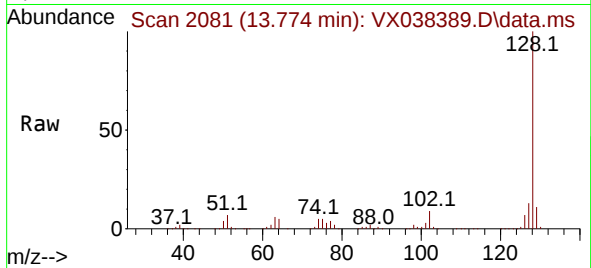
Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.1	93.2
227	63.7	32.5	97.5





#95
Naphthalene
Concen: 51.182 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10

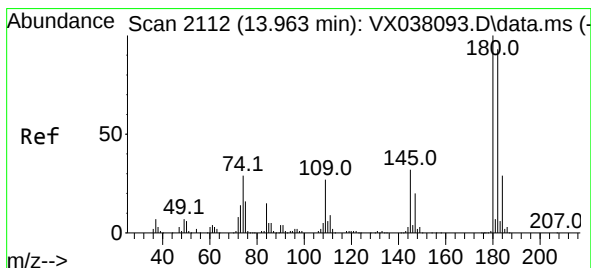
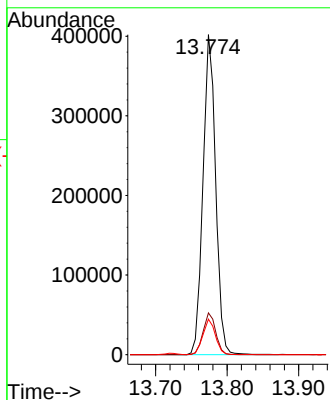
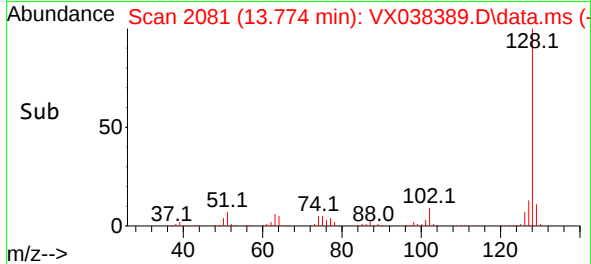
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



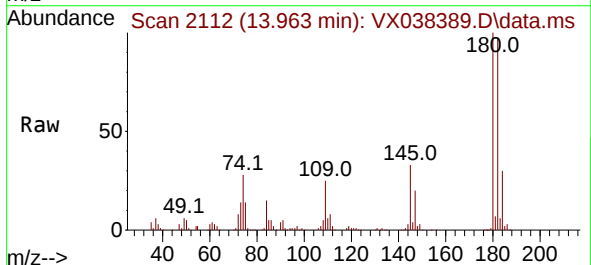
Tgt Ion:128 Resp: 495059
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.961 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038389.D
Acq: 19 Oct 2023 17:10



Tgt Ion:180 Resp: 142432
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 33.3 17.8 53.5

