

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037896.D
 Acq On : 25 Sep 2023 15:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 06:58:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	242054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	390724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156457	49.197	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.385	113	135143	51.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.380%		
50) Toluene-d8	8.646	98	509833	52.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.960%		
62) 4-Bromofluorobenzene	11.079	95	202264	57.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104261	40.866	ug/l	96
3) Chloromethane	1.294	50	110452	39.789	ug/l	99
4) Vinyl Chloride	1.373	62	124766	41.661	ug/l	99
5) Bromomethane	1.599	94	94306	43.987	ug/l	98
6) Chloroethane	1.684	64	87130	42.232	ug/l	99
7) Trichlorofluoromethane	1.885	101	220637	45.826	ug/l	100
8) Diethyl Ether	2.129	74	83079	44.539	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.330	101	112889	46.201	ug/l	97
10) Methyl Iodide	2.452	142	132819	41.075	ug/l	93
11) Tert butyl alcohol	2.952	59	143542	210.279	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	101939	43.168	ug/l	86
13) Acrolein	2.233	56	141033	209.132	ug/l	100
14) Allyl chloride	2.660	41	170516	43.355	ug/l	# 96
15) Acrylonitrile	3.056	53	327658	215.887	ug/l	99
16) Acetone	2.373	43	333254	217.830	ug/l	90
17) Carbon Disulfide	2.513	76	232978	39.350	ug/l	99
18) Methyl Acetate	2.696	43	240640	43.603	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	394194	45.378	ug/l	99
20) Methylene Chloride	2.788	84	128231	45.334	ug/l	90
21) trans-1,2-Dichloroethene	3.086	96	118432	45.165	ug/l	89
22) Diisopropyl ether	3.757	45	376135	45.912	ug/l	87
23) Vinyl Acetate	3.714	43	1378550	228.768	ug/l	95
24) 1,1-Dichloroethane	3.605	63	219968	44.807	ug/l	99
25) 2-Butanone	4.550	43	462379	214.172	ug/l	93
26) 2,2-Dichloropropane	4.470	77	187301	47.217	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	145585	45.287	ug/l	91
28) Bromochloromethane	4.897	49	101643	44.381	ug/l	83
29) Tetrahydrofuran	4.995	42	283246	210.924	ug/l	90
30) Chloroform	5.086	83	244754	46.280	ug/l	97
31) Cyclohexane	5.464	56	179082	43.873	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	210120	46.924	ug/l	98
36) 1,1-Dichloropropene	5.690	75	169826	47.155	ug/l	96
37) Ethyl Acetate	4.708	43	174934	44.184	ug/l	97
38) Carbon Tetrachloride	5.671	117	182560	48.448	ug/l	96
39) Methylcyclohexane	7.378	83	211275	46.223	ug/l	92
40) Benzene	6.031	78	507102	45.789	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	92362	45.752	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	184790	46.165	ug/l	97
43) Isopropyl Acetate	6.336	43	288364	45.549	ug/l #	95
44) Trichloroethene	7.122	130	139344	45.180	ug/l	94
45) 1,2-Dichloropropane	7.427	63	134515	46.770	ug/l	97
46) Dibromomethane	7.580	93	99811	48.244	ug/l	94
47) Bromodichloromethane	7.817	83	190501	49.997	ug/l	97
48) Methyl methacrylate	7.689	41	139547	46.110	ug/l #	88
49) 1,4-Dioxane	7.653	88	72715	916.481	ug/l #	87
51) 4-Methyl-2-Pentanone	8.567	43	910809	226.758	ug/l	95
52) Toluene	8.713	92	338925	47.485	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	206867	51.923	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	217429	49.311	ug/l #	88
55) 1,1,2-Trichloroethane	9.146	97	145061	48.205	ug/l	96
56) Ethyl methacrylate	9.116	69	215777	48.031	ug/l	90
57) 1,3-Dichloropropane	9.305	76	230399	47.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	472542	225.262	ug/l	98
59) 2-Hexanone	9.427	43	719770	230.151	ug/l	93
60) Dibromochloromethane	9.518	129	155511	51.875	ug/l	100
61) 1,2-Dibromoethane	9.610	107	155052	48.665	ug/l	100
64) Tetrachloroethene	9.268	164	116586	44.812	ug/l	99
65) Chlorobenzene	10.079	112	377852	45.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	141218	48.427	ug/l	98
67) Ethyl Benzene	10.189	91	675009	47.314	ug/l	99
68) m/p-Xylenes	10.299	106	525471	95.319	ug/l	97
69) o-Xylene	10.640	106	257200	46.526	ug/l	99
70) Styrene	10.652	104	441017	49.693	ug/l	96
71) Bromoform	10.799	173	118934	51.629	ug/l #	99
73) Isopropylbenzene	10.963	105	687896	42.232	ug/l	97
74) N-amyl acetate	10.841	43	276288	41.883	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	238168	41.575	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	215561m	41.978	ug/l	
77) Bromobenzene	11.195	156	174043	43.170	ug/l	87
78) n-propylbenzene	11.305	91	835655	45.427	ug/l	99
79) 2-Chlorotoluene	11.365	91	483831	42.657	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	605810	44.041	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70972	44.273	ug/l	89
82) 4-Chlorotoluene	11.451	91	573906	44.944	ug/l	96
83) tert-Butylbenzene	11.713	119	608364	43.759	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	609241	44.515	ug/l	98
85) sec-Butylbenzene	11.890	105	779462	46.214	ug/l	99
86) p-Isopropyltoluene	12.006	119	663557	47.220	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	344086	45.785	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	350580	45.587	ug/l	97
89) n-Butylbenzene	12.329	91	623790	50.672	ug/l	98
90) Hexachloroethane	12.536	117	111794	46.954	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	343655	44.788	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	48347	42.339	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	231399	51.197	ug/l	96
94) Hexachlorobutadiene	13.725	225	104510	49.515	ug/l	98
95) Naphthalene	13.774	128	704840	46.111	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224100	48.180	ug/l	97

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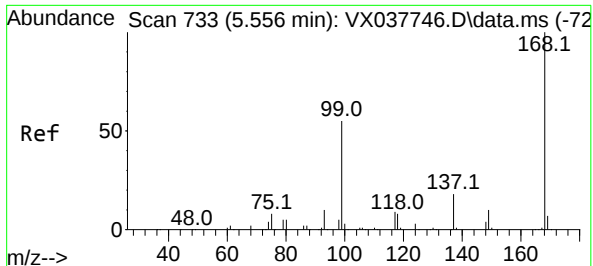
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

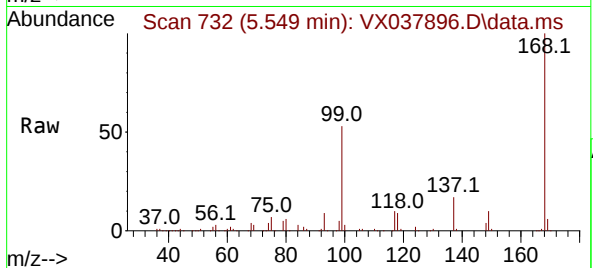
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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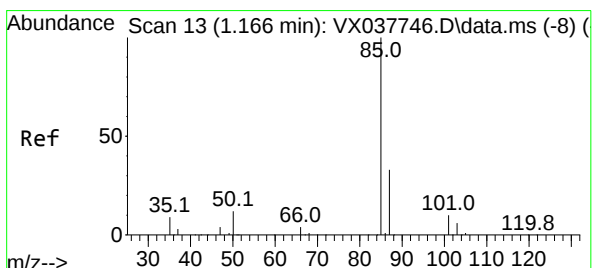
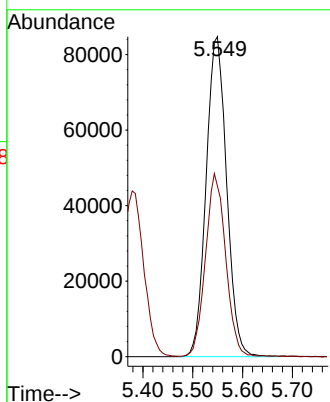
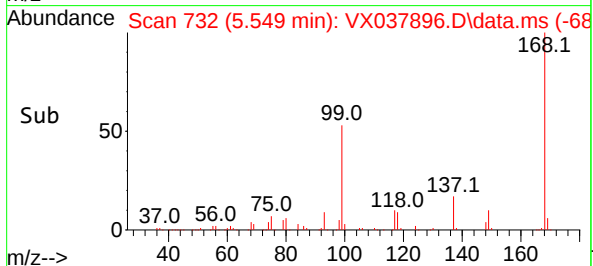
Instrument :
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Tgt Ion:168 Resp: 242054
Ion Ratio Lower Upper
168 100
99 53.2 56.6 85.0

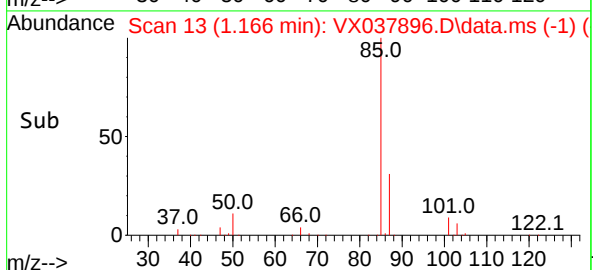
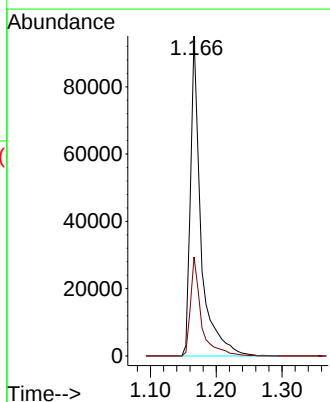
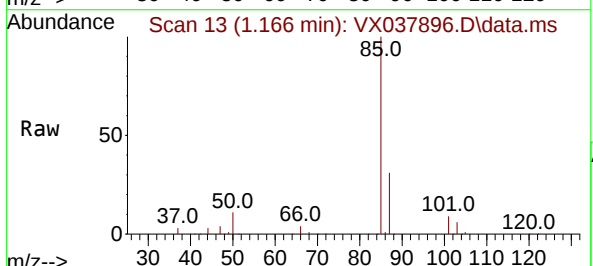
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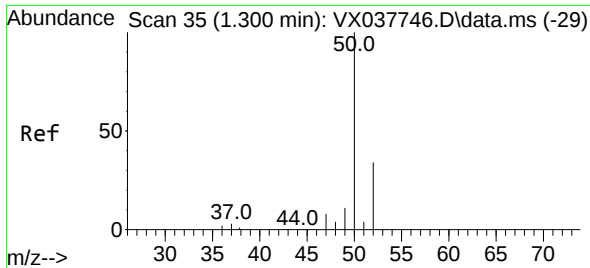
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#2
Dichlorodifluoromethane
Concen: 40.866 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 85 Resp: 104261
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





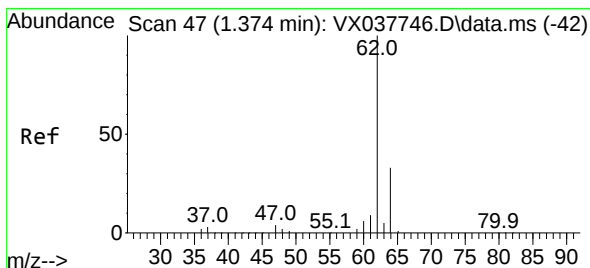
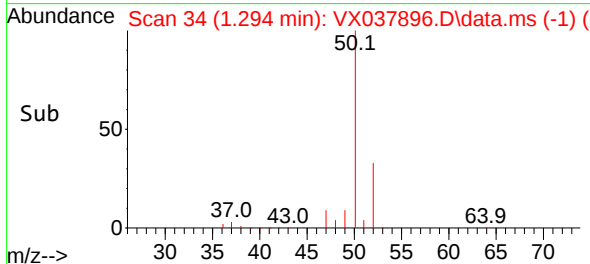
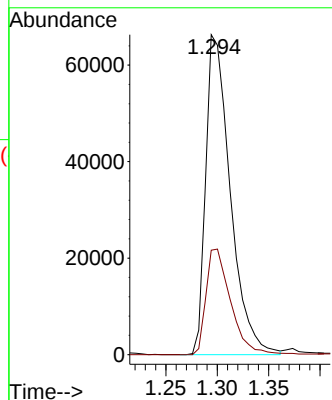
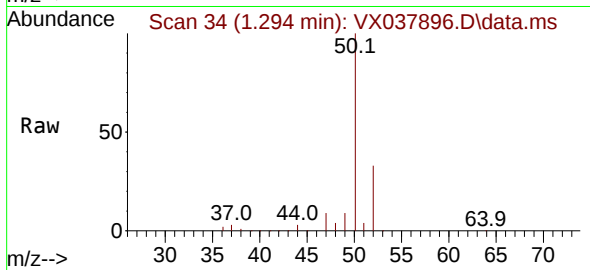
#3
Chloromethane
Concen: 39.789 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

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Tgt Ion: 50 Resp: 110452
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

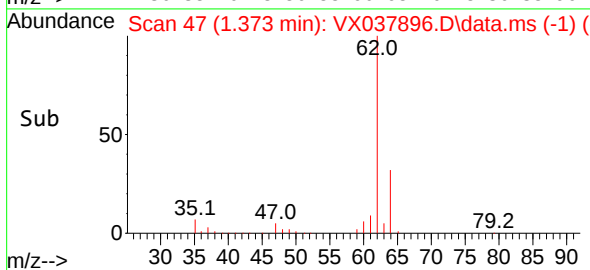
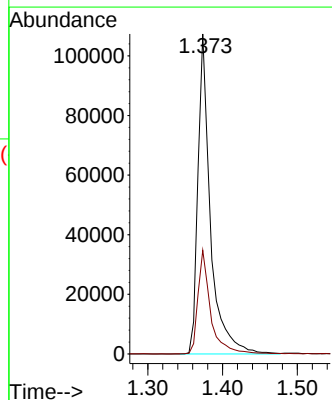
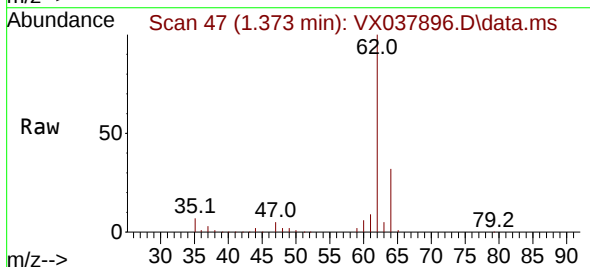
Manual Integrations
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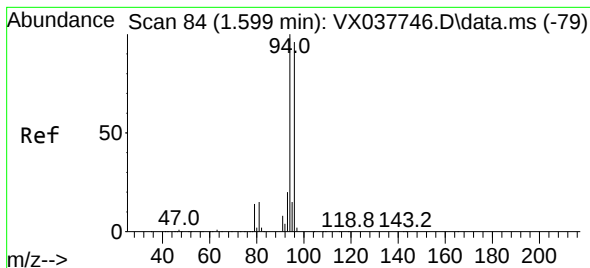
Reviewed By :John Carlone 09/26/2023
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#4
Vinyl Chloride
Concen: 41.661 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

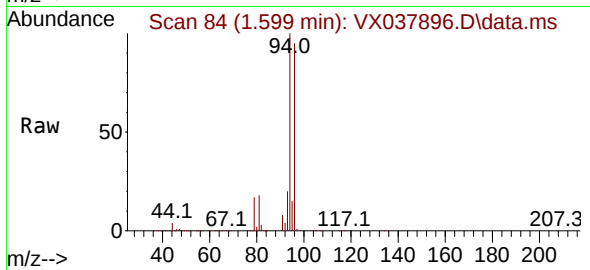
Tgt Ion: 62 Resp: 124766
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 43.987 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

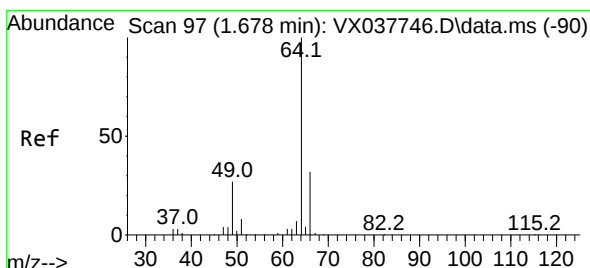
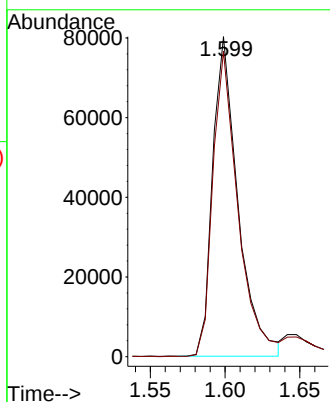
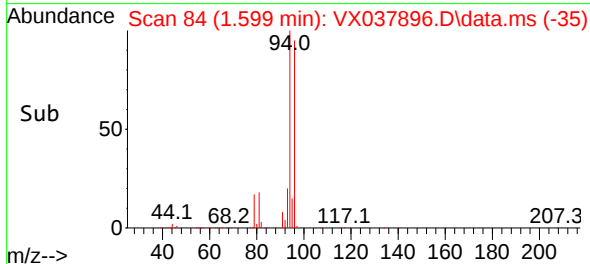
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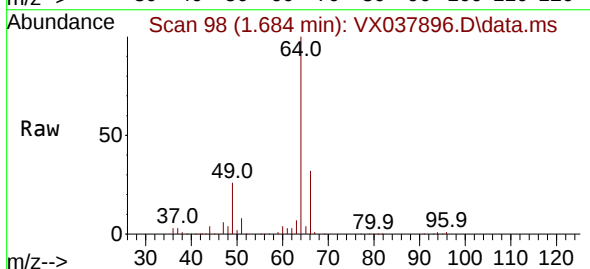
Tgt Ion: 94 Resp: 94300
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8

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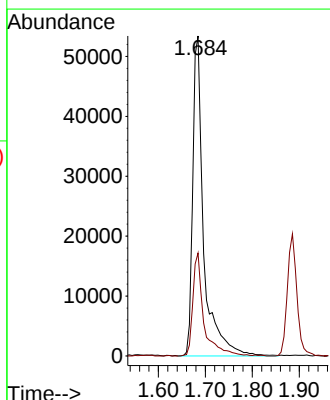
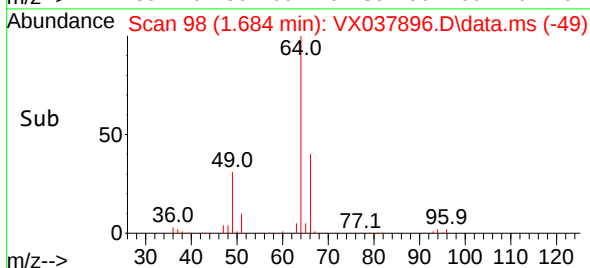
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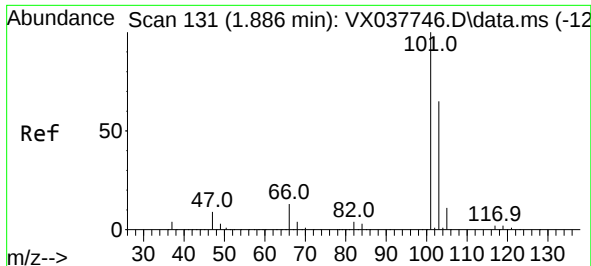


#6
Chloroethane
Concen: 42.232 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
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Tgt Ion: 64 Resp: 87130
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





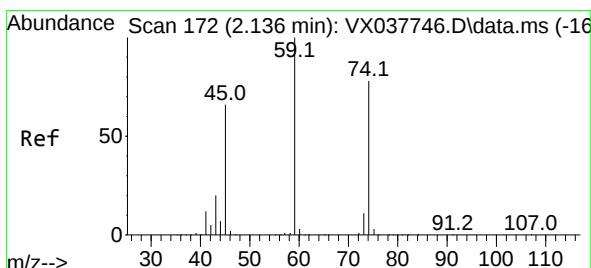
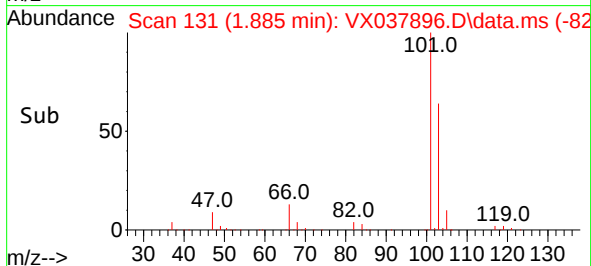
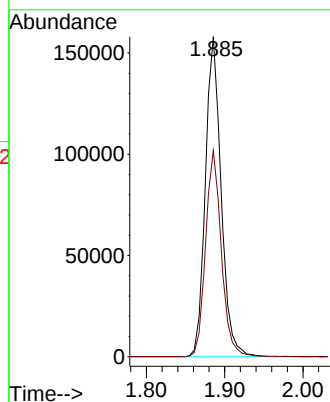
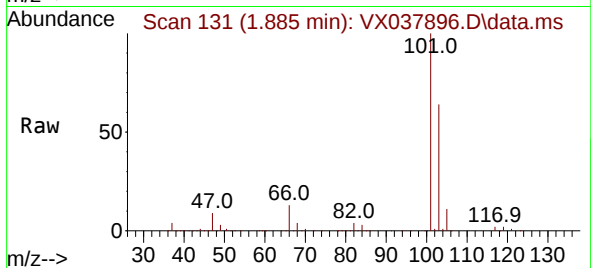
#7
Trichlorofluoromethane
Concen: 45.826 ug/l
RT: 1.885 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 22063
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

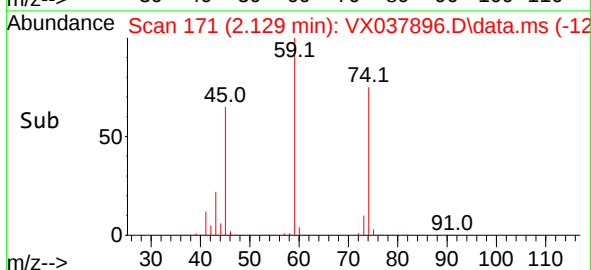
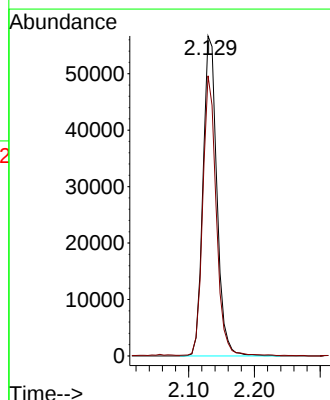
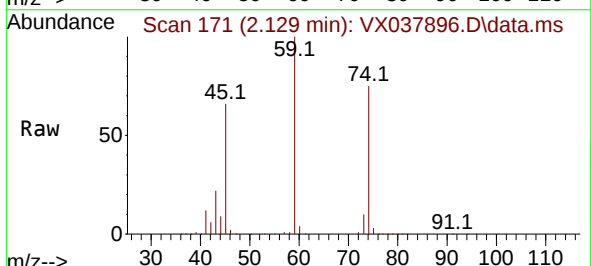
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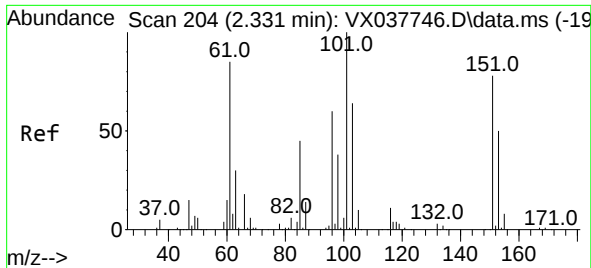
Reviewed By :John Carlone 09/26/2023
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#8
Diethyl Ether
Concen: 44.539 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 83079
Ion Ratio Lower Upper
74 100
45 84.8 53.3 159.8





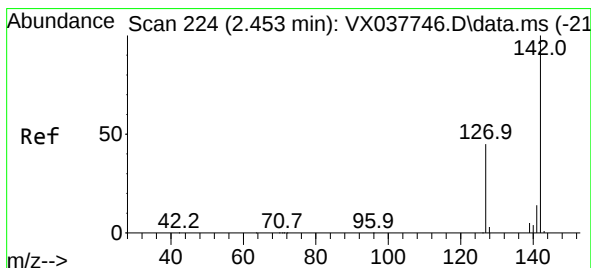
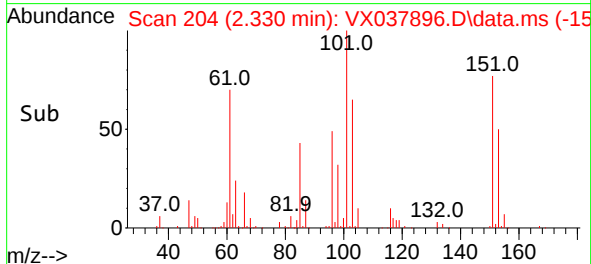
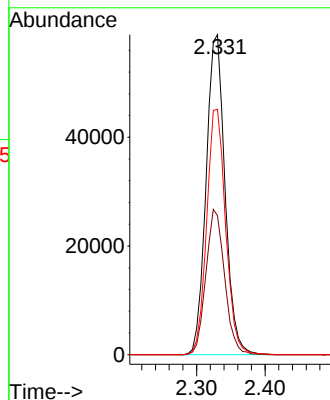
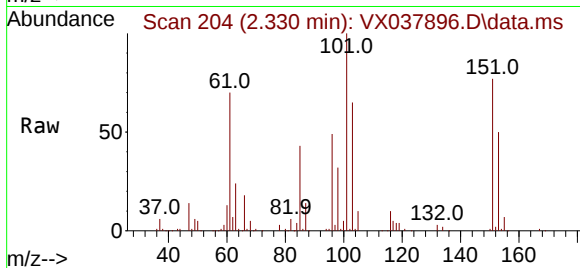
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.201 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 112889
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 77.0 58.6 87.8

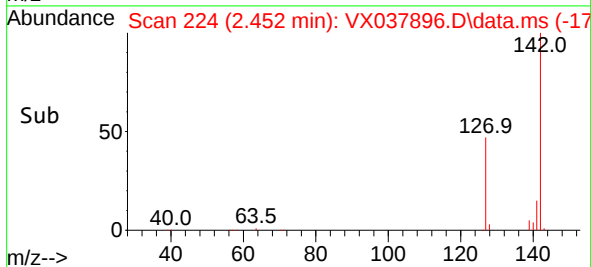
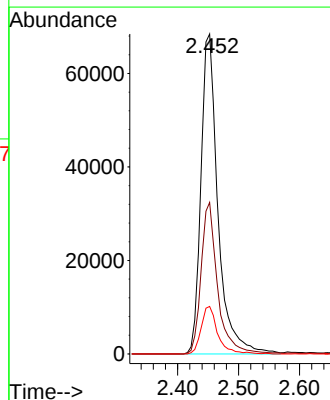
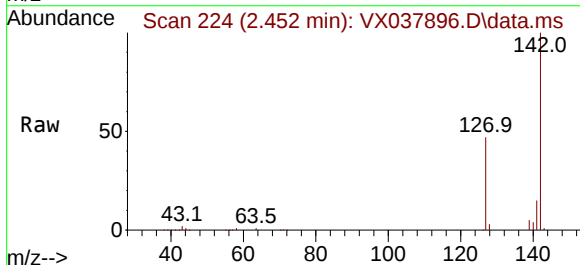
Manual Integrations
APPROVED

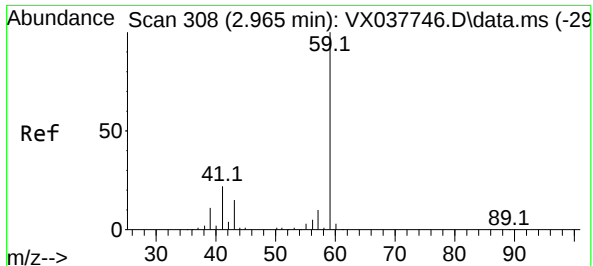
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#10
Methyl Iodide
Concen: 41.075 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion:142 Resp: 132819
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 210.279 ug/l

RT: 2.952 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 14354

Ion Ratio Lower Upper

59 100

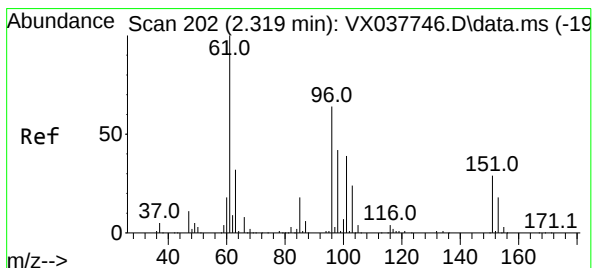
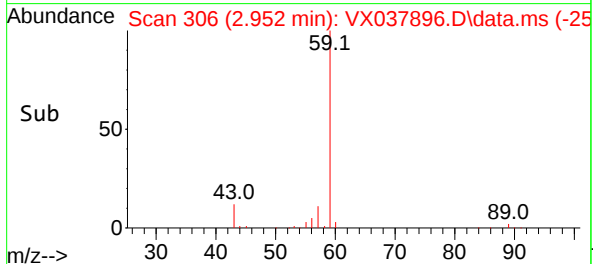
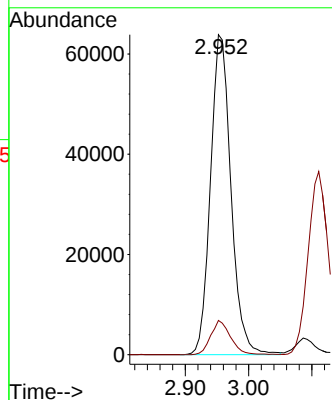
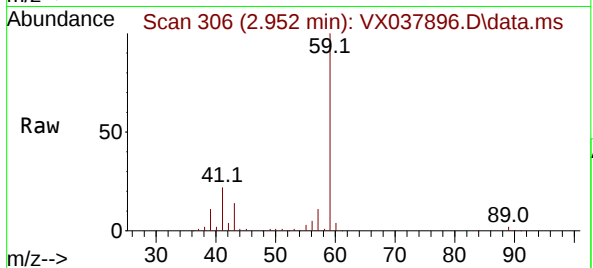
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#12

1,1-Dichloroethene

Concen: 43.168 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

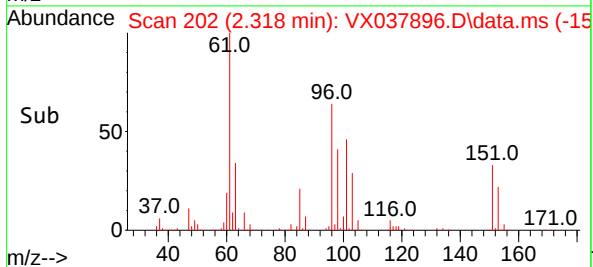
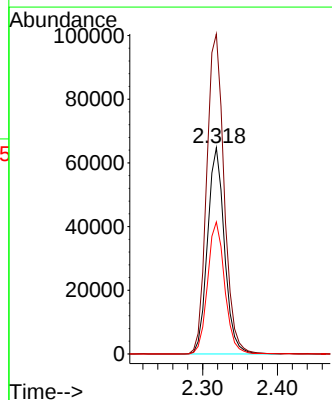
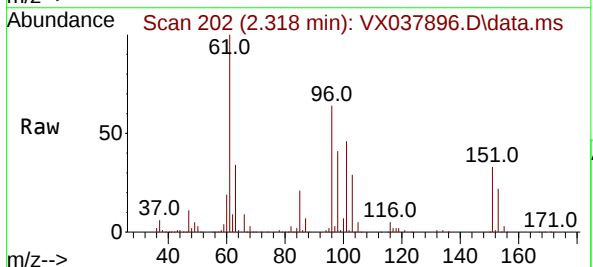
Tgt Ion: 96 Resp: 101939

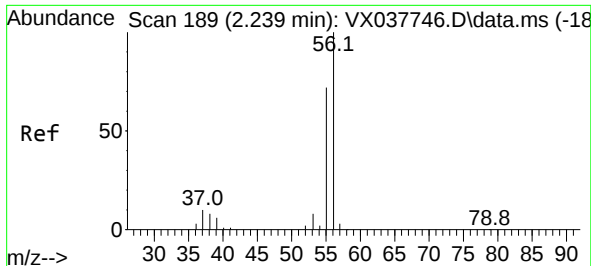
Ion Ratio Lower Upper

96 100

61 155.1 144.6 216.8

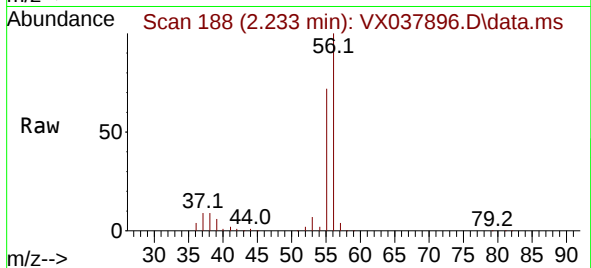
98 64.0 50.4 75.6





#13
Acrolein
Concen: 209.132 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

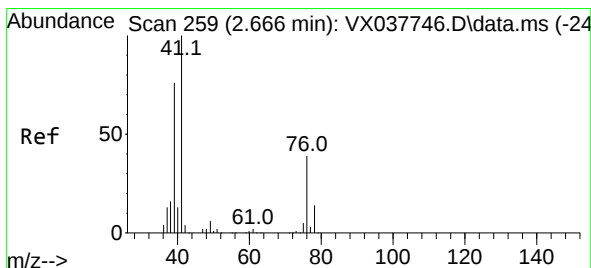
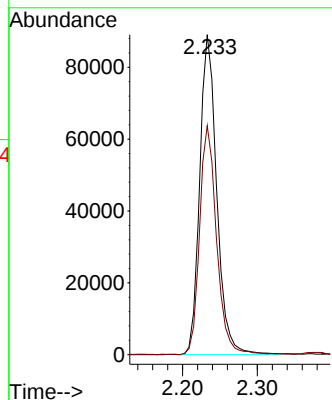
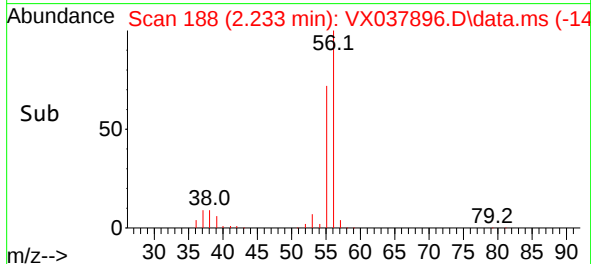
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14103
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

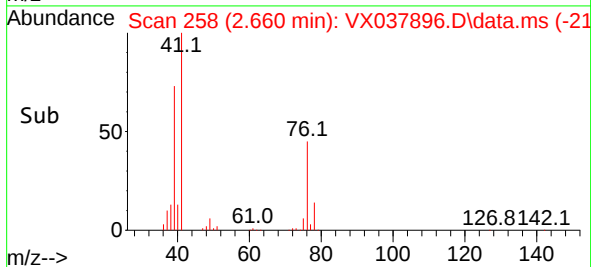
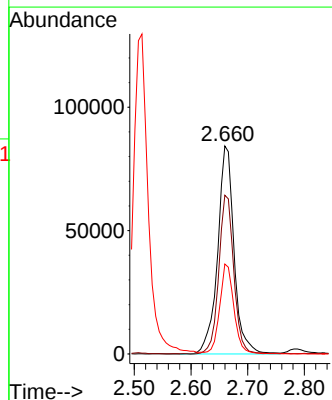
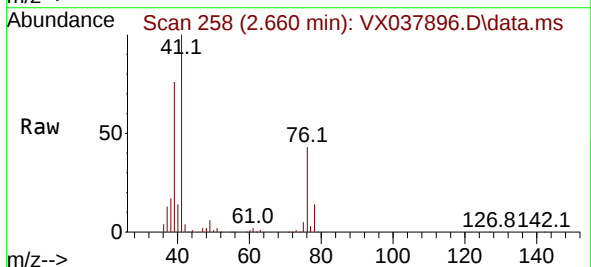
Manual Integrations
APPROVED

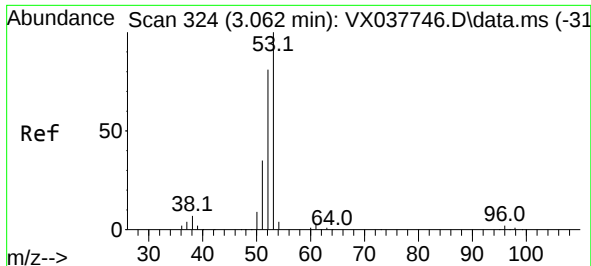
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#14
Allyl chloride
Concen: 43.355 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

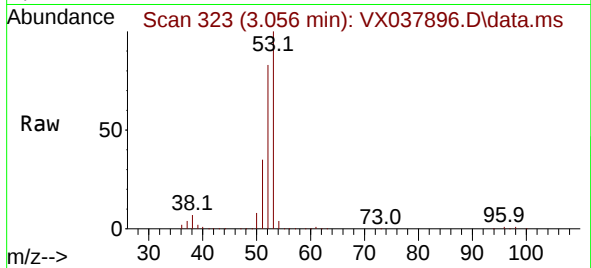
Tgt Ion: 41 Resp: 170516
Ion Ratio Lower Upper
41 100
39 69.9 55.8 83.6
76 37.3 24.3 36.5





#15
Acrylonitrile
Concen: 215.887 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

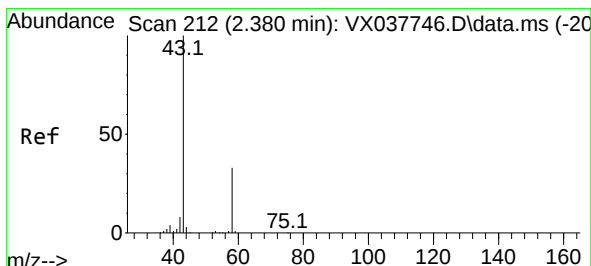
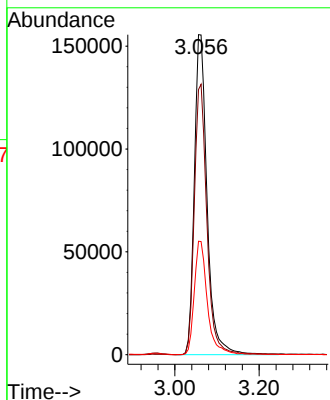
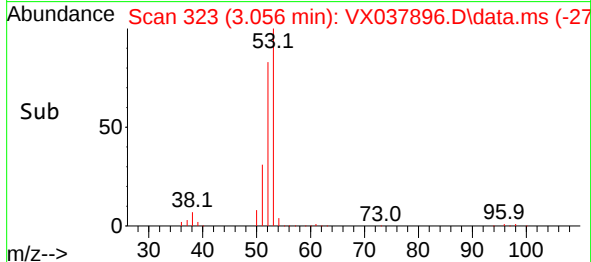
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 327658
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.6 29.8 44.6

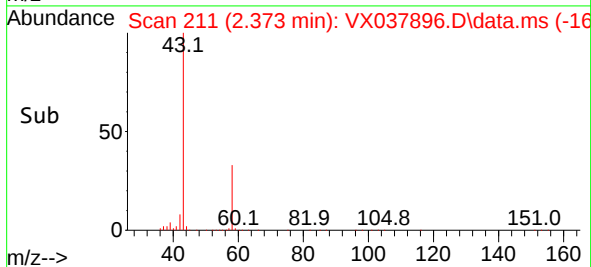
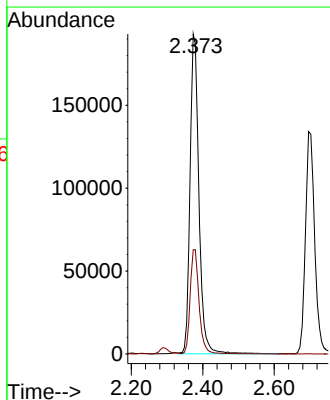
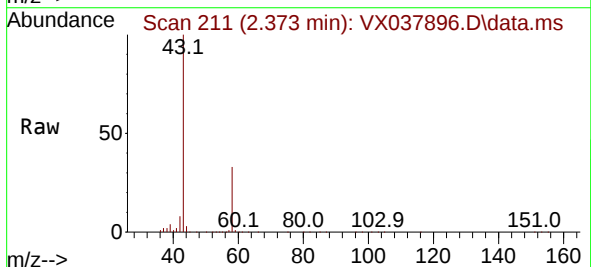
Manual Integrations
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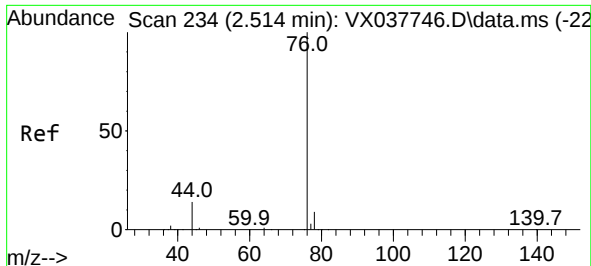
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#16
Acetone
Concen: 217.830 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

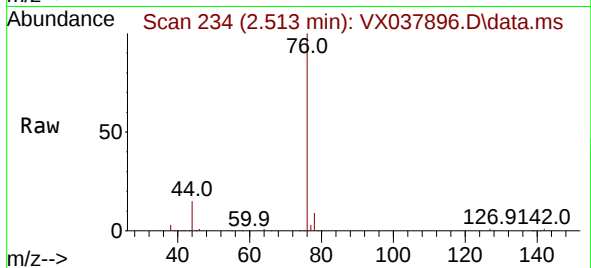
Tgt Ion: 43 Resp: 333254
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17
Carbon Disulfide
Concen: 39.350 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

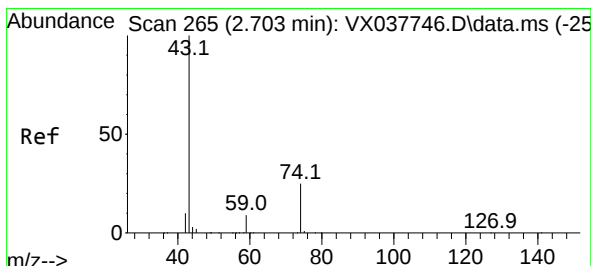
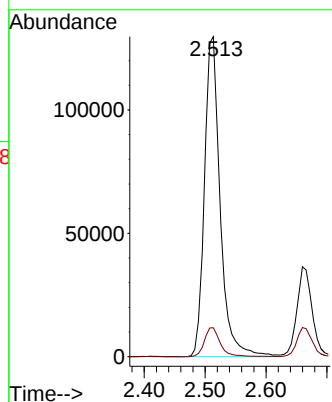
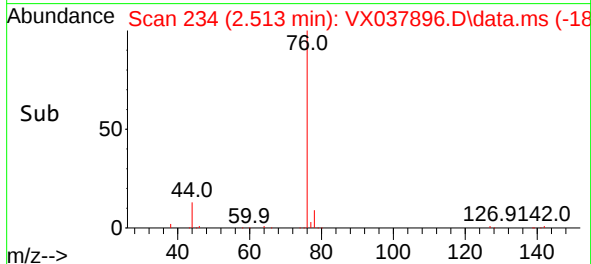
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 232978
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

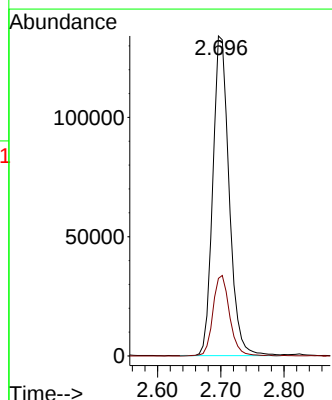
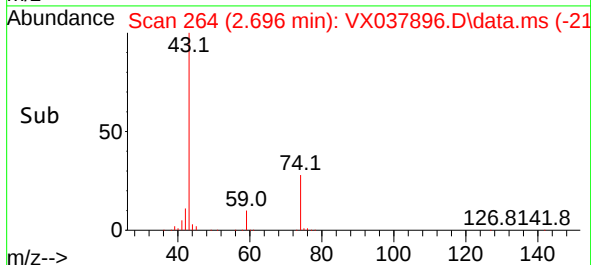
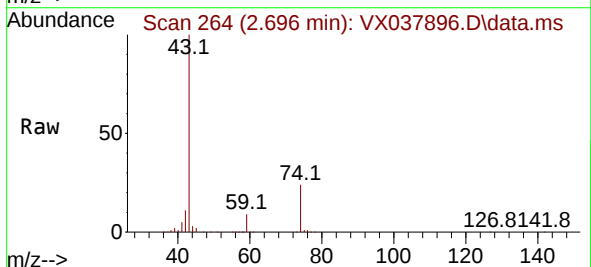
Manual Integrations
APPROVED

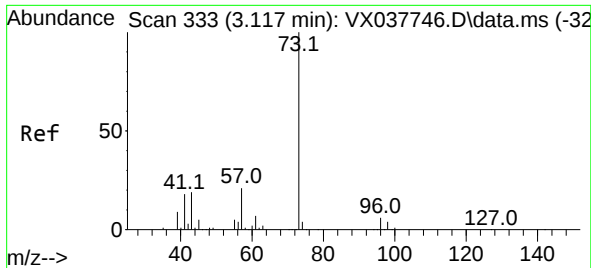
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#18
Methyl Acetate
Concen: 43.603 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 43 Resp: 240640
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.8





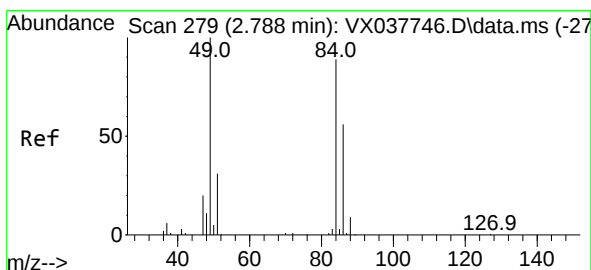
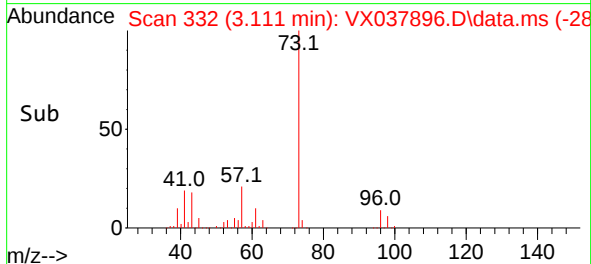
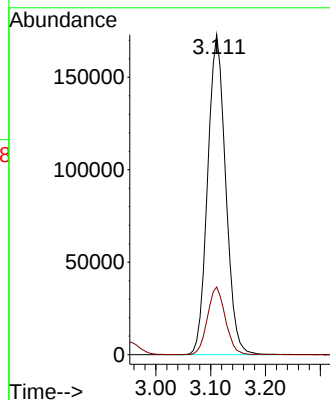
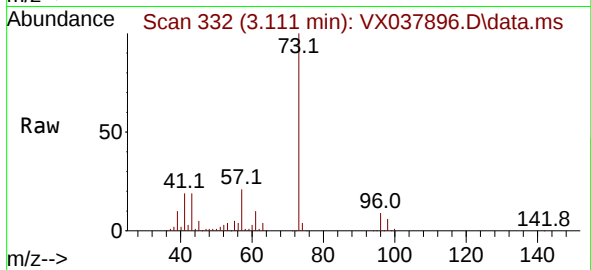
#19
Methyl tert-butyl Ether
Concen: 45.378 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.013 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 394194
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

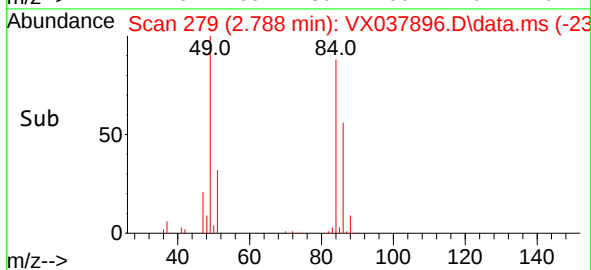
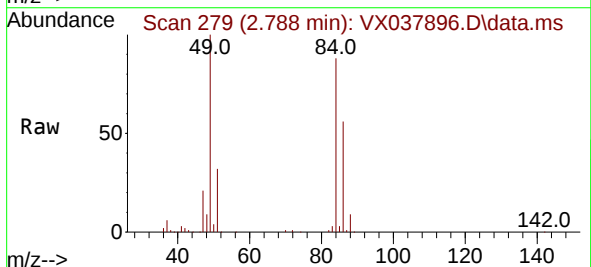
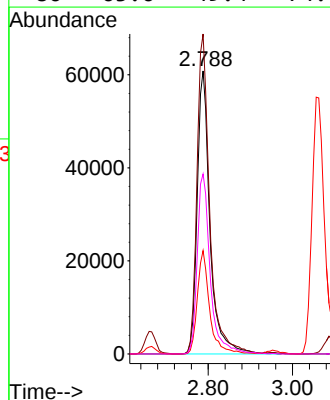
Manual Integrations
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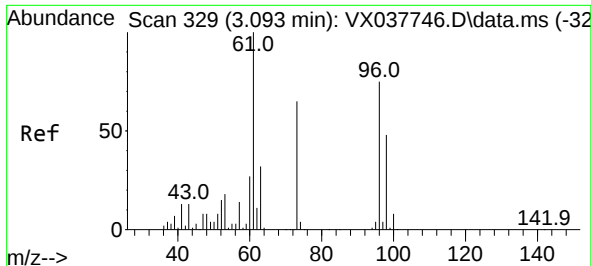
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#20
Methylene Chloride
Concen: 45.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

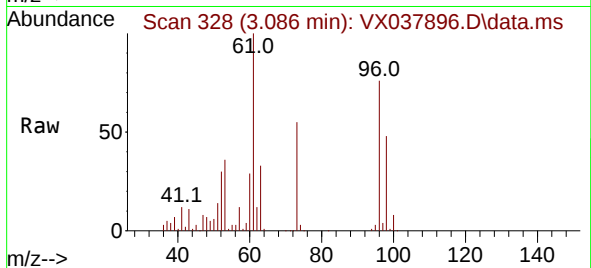
Tgt Ion: 84 Resp: 128231
Ion Ratio Lower Upper
84 100
49 113.1 103.6 155.4
51 36.5 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.165 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

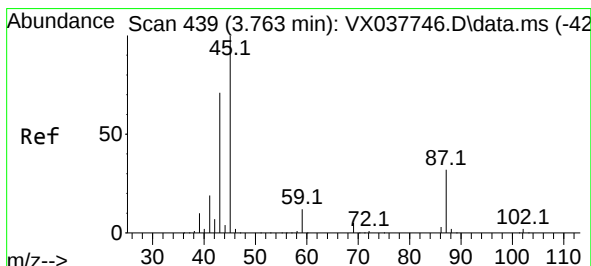
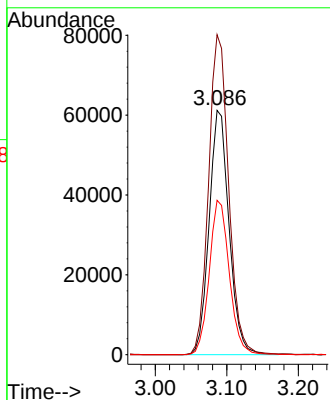
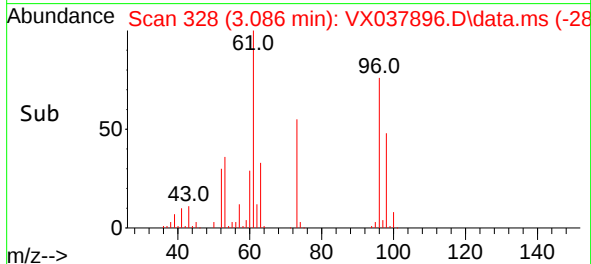
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11843
Ion Ratio Lower Upper
96 100
61 131.0 119.2 178.8
98 63.2 48.7 73.1

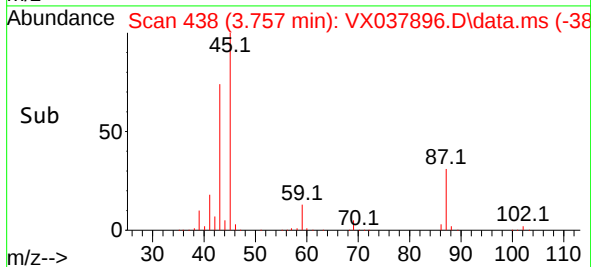
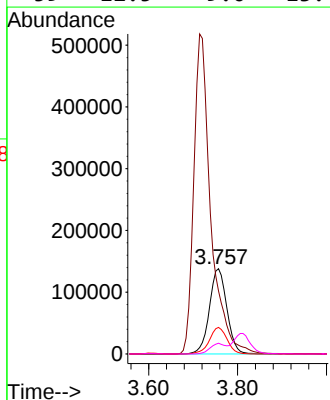
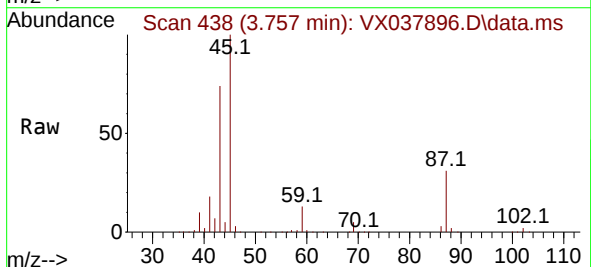
Manual Integrations
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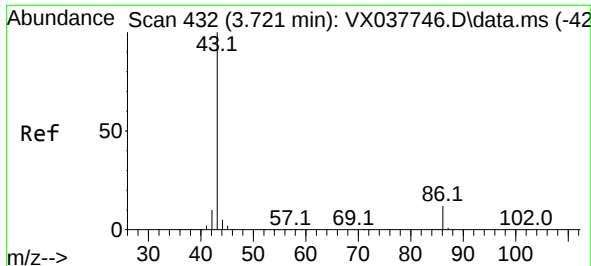
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#22
Diisopropyl ether
Concen: 45.912 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 45 Resp: 376135
Ion Ratio Lower Upper
45 100
43 73.7 69.7 104.5
87 31.1 20.8 31.2
59 12.5 9.0 13.4





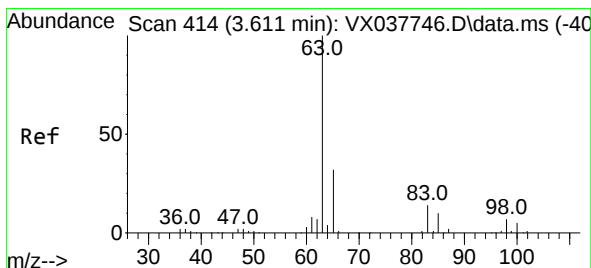
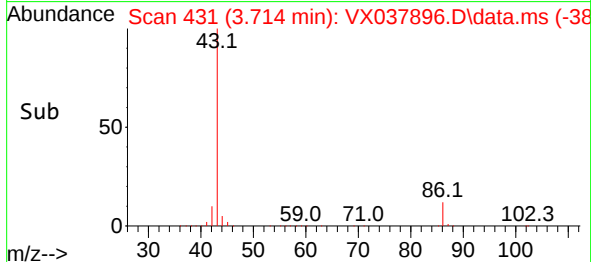
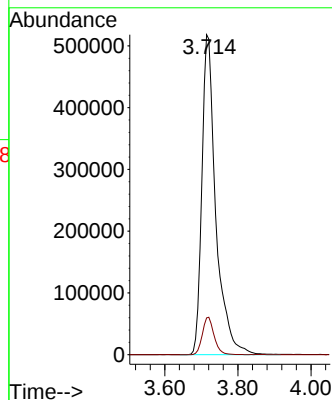
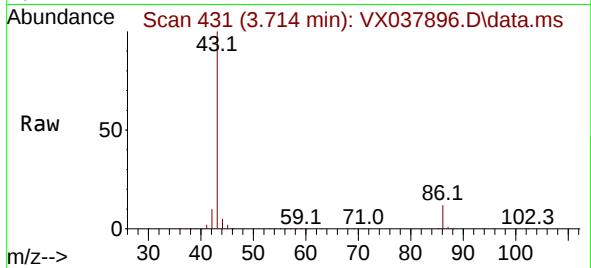
#23
 Vinyl Acetate
 Concen: 228.768 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VX037896.D
 Acq: 25 Sep 2023 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1378550
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

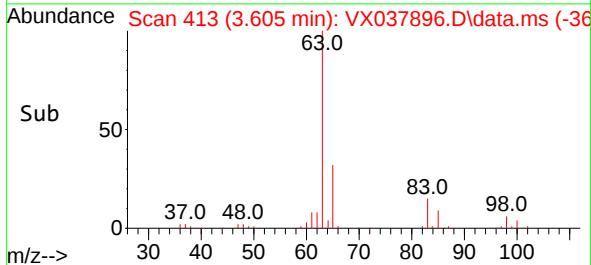
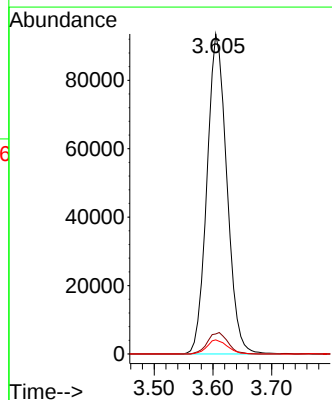
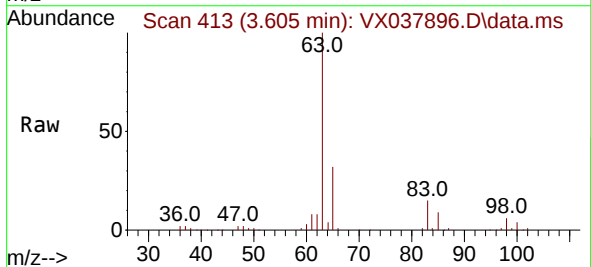
Manual Integrations
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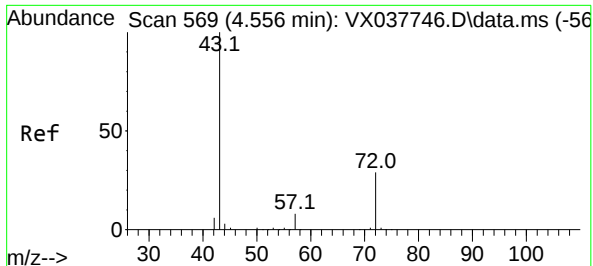
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#24
 1,1-Dichloroethane
 Concen: 44.807 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.007 min
 Lab File: VX037896.D
 Acq: 25 Sep 2023 15:51

Tgt Ion: 63 Resp: 219968
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 214.172 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.019 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 462379

Ion Ratio Lower Upper

43 100

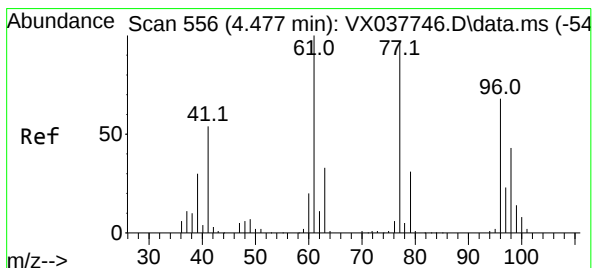
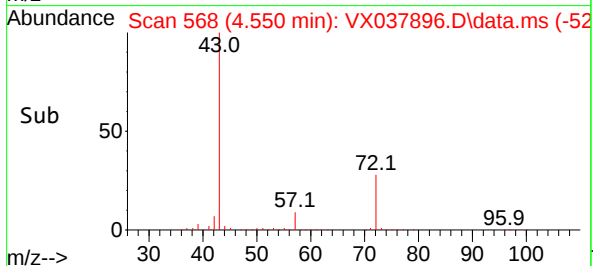
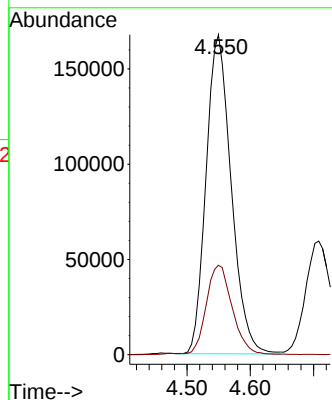
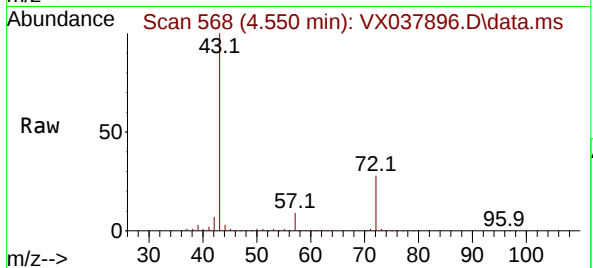
72 27.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#26

2,2-Dichloropropane

Concen: 47.217 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.007 min

Lab File: VX037896.D

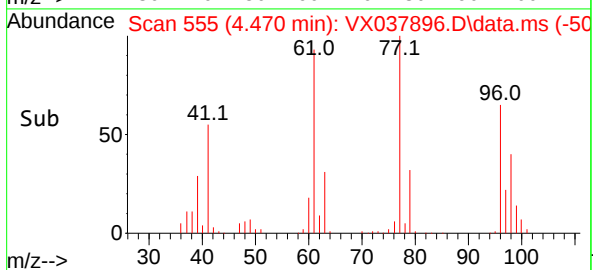
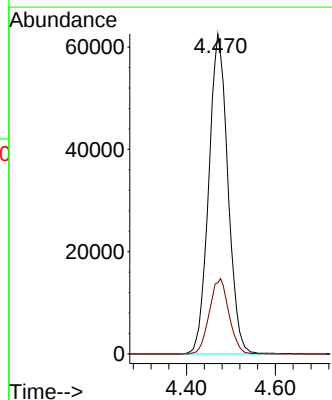
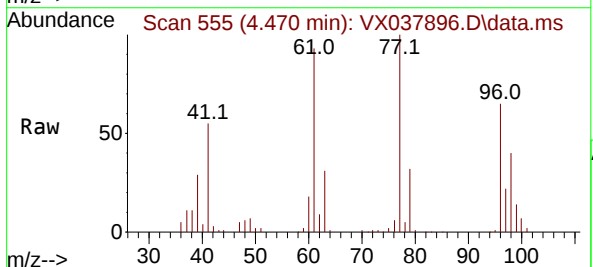
Acq: 25 Sep 2023 15:51

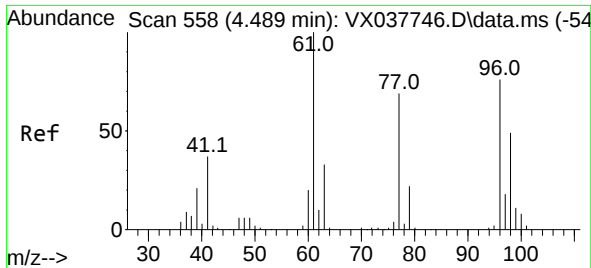
Tgt Ion: 77 Resp: 187301

Ion Ratio Lower Upper

77 100

97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.287 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 14558

Ion Ratio Lower Upper

96 100

61 139.5 0.0 312.2

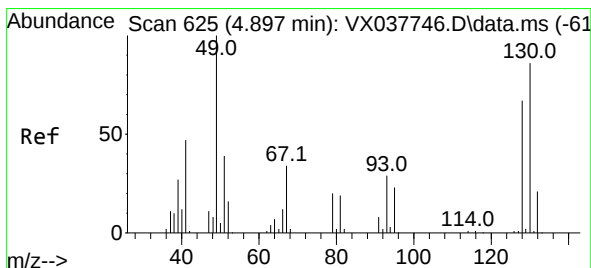
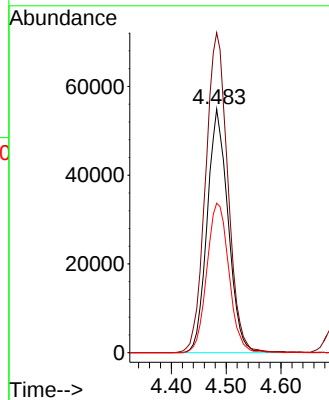
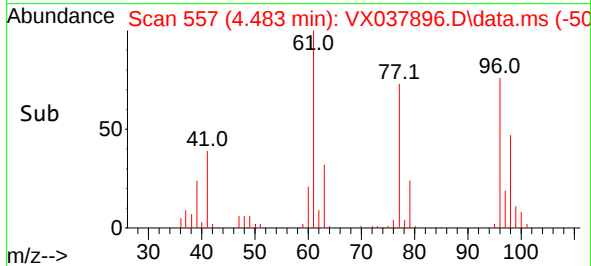
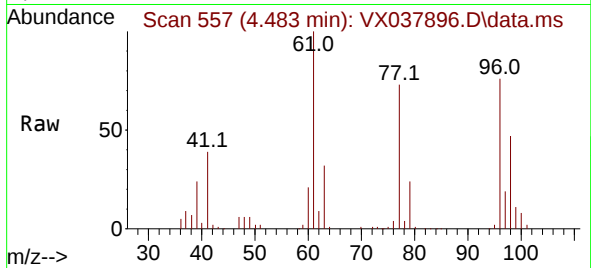
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#28

Bromochloromethane

Concen: 44.381 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

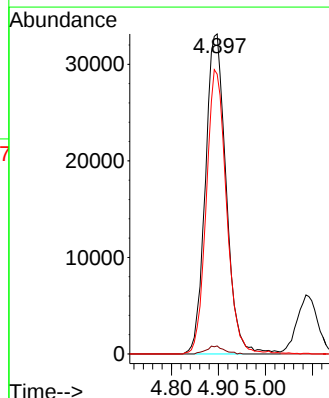
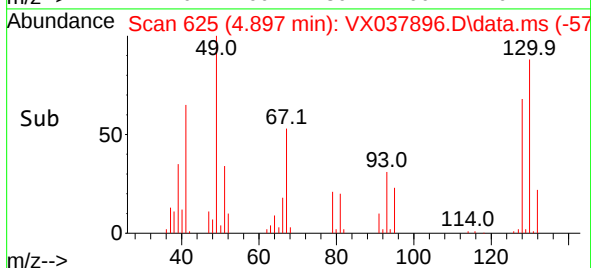
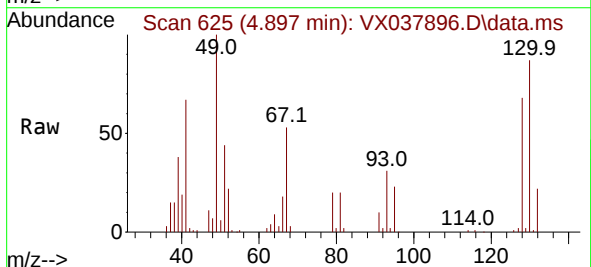
Tgt Ion: 49 Resp: 101643

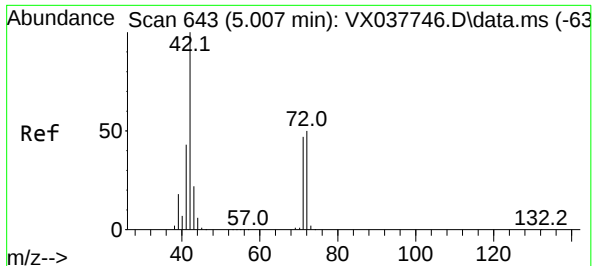
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 86.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 210.924 ug/l

RT: 4.995 min Scan# 643

Delta R.T. -0.019 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 283240

Ion Ratio Lower Upper

42 100

72 49.4 34.2 51.4

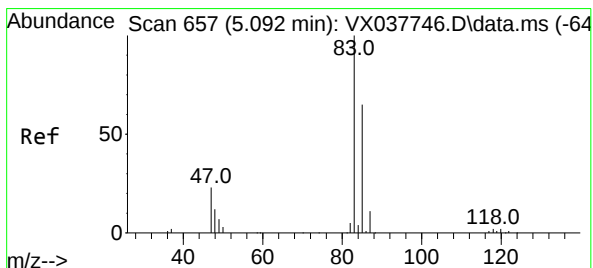
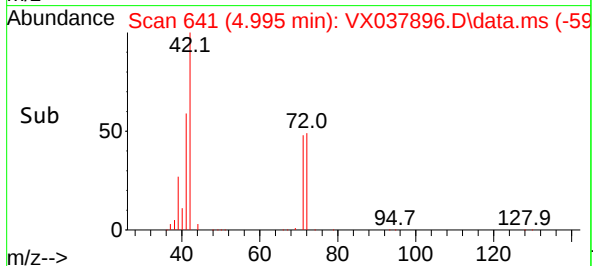
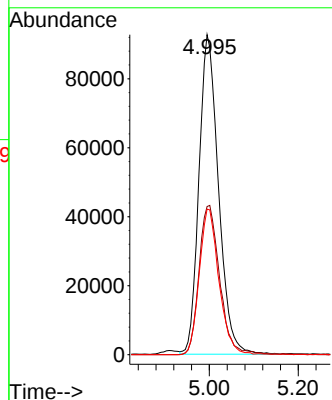
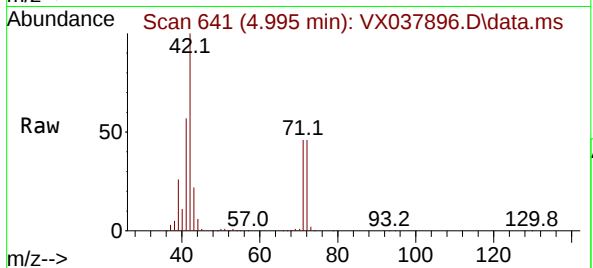
71 45.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#30

Chloroform

Concen: 46.280 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX037896.D

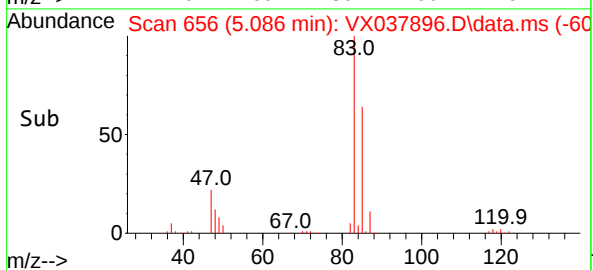
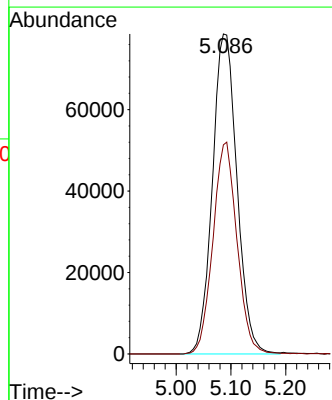
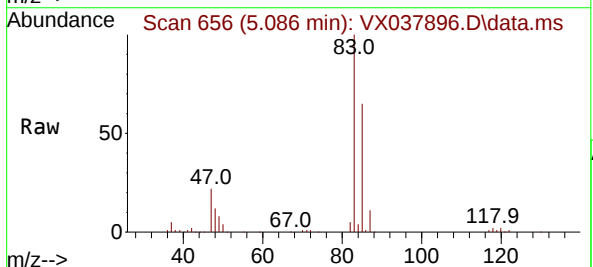
Acq: 25 Sep 2023 15:51

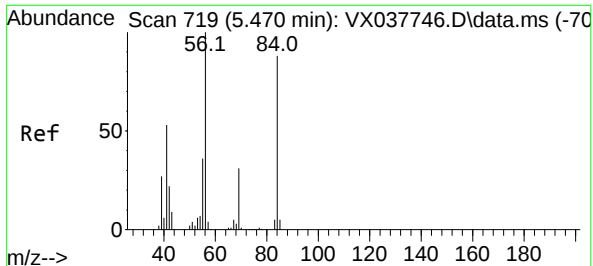
Tgt Ion: 83 Resp: 244754

Ion Ratio Lower Upper

83 100

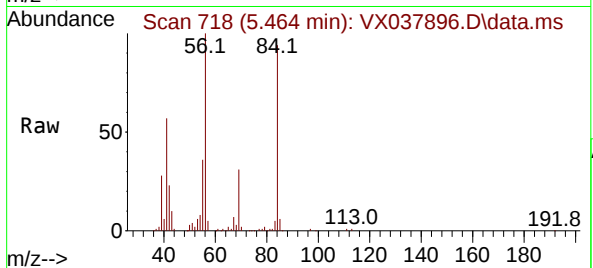
85 65.3 50.3 75.5





#31
Cyclohexane
Concen: 43.873 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

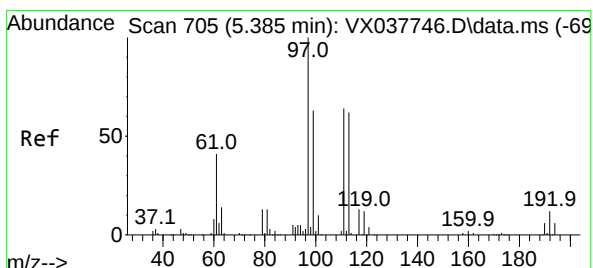
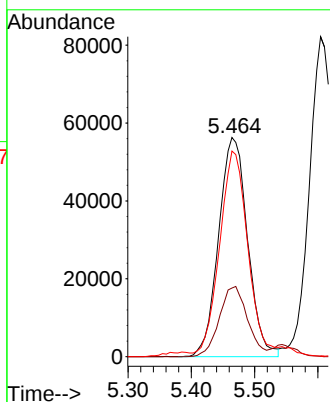
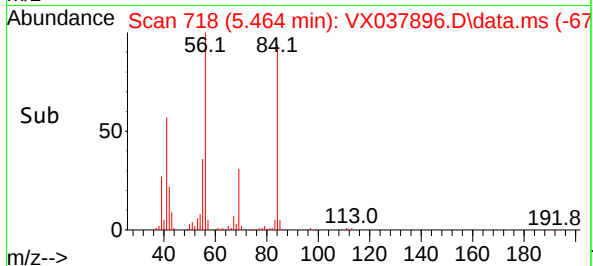
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17908
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 92.1 65.9 98.9

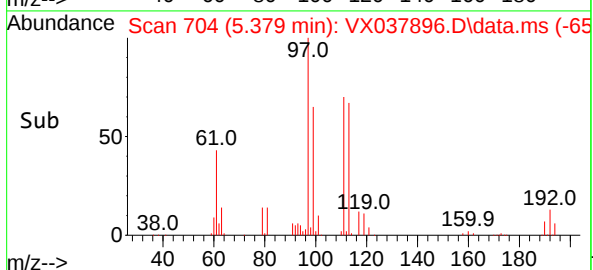
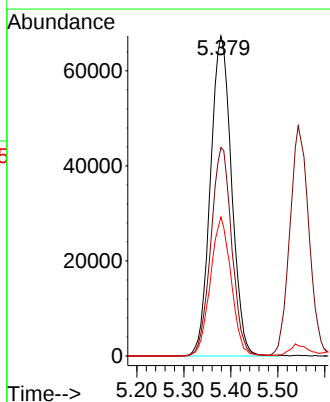
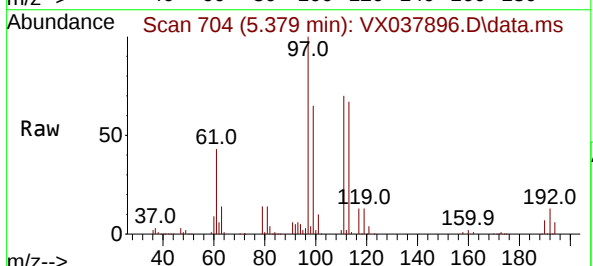
Manual Integrations
APPROVED

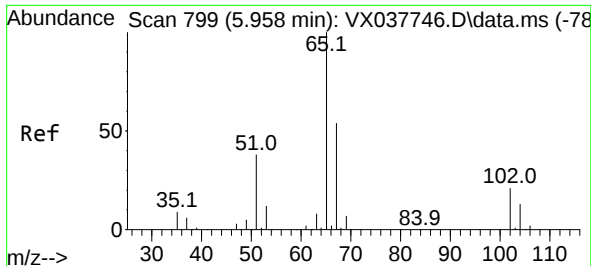
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#32
1,1,1-Trichloroethane
Concen: 46.924 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 97 Resp: 210120
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 42.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.197 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15645

Ion Ratio Lower Upper

65 100

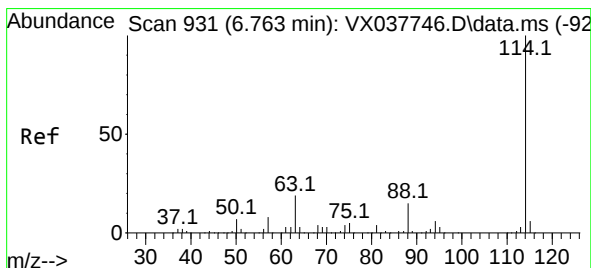
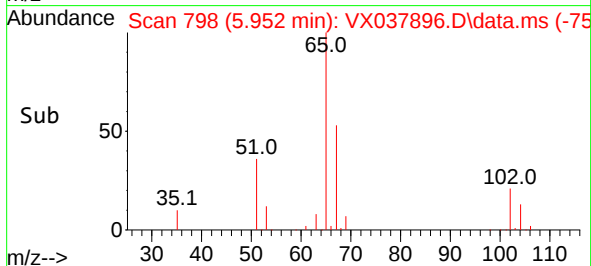
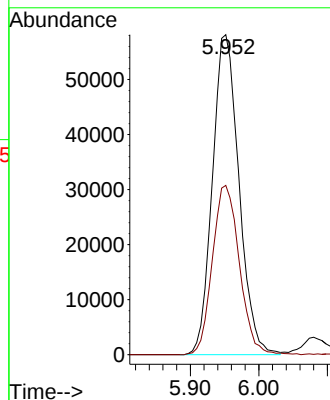
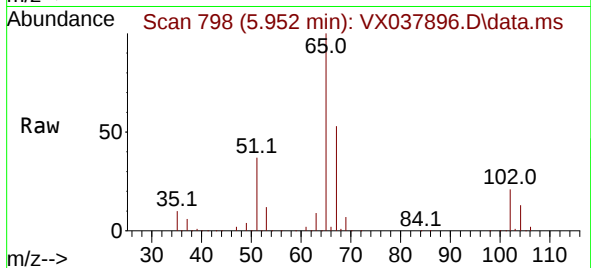
67 53.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

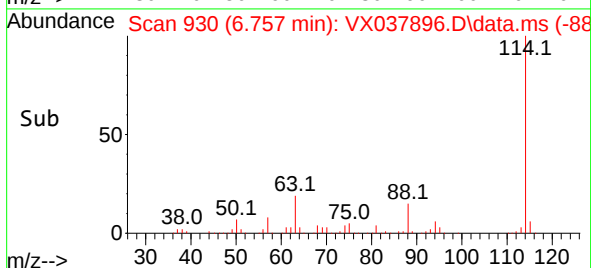
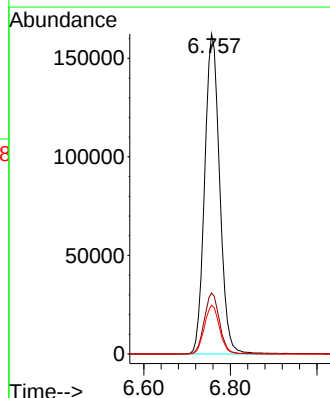
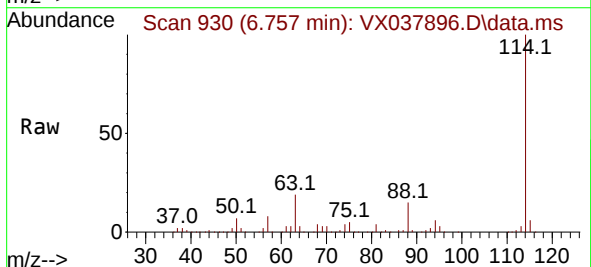
Tgt Ion:114 Resp: 390724

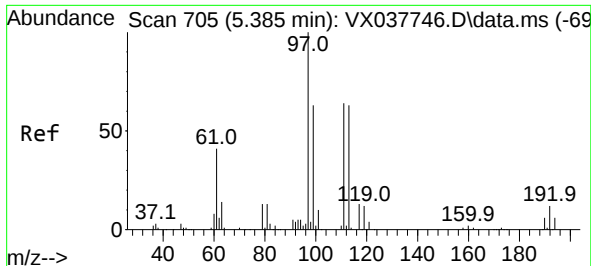
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

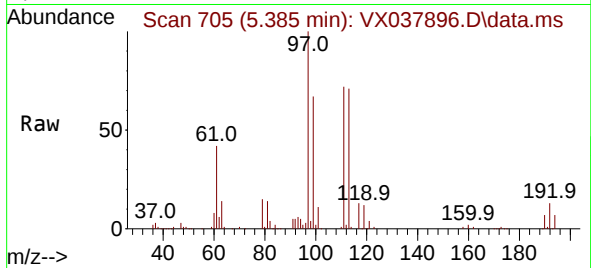
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.693 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

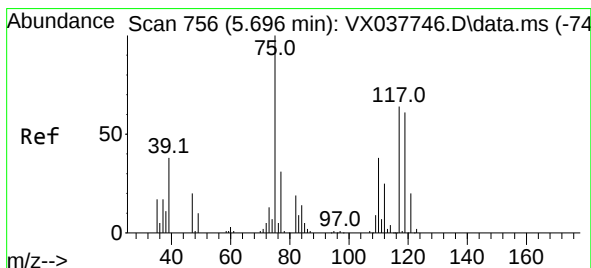
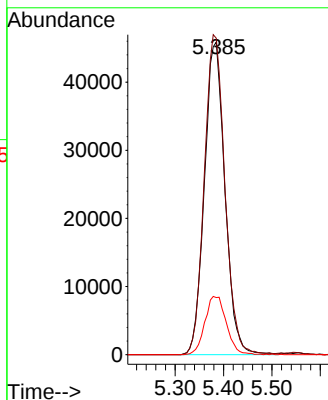
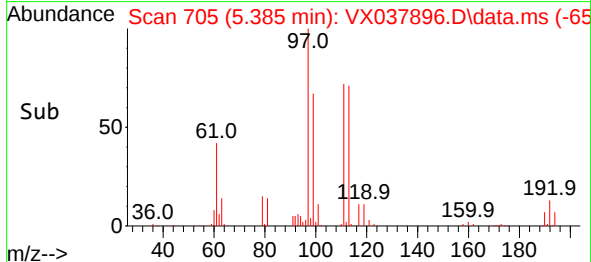
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 13514
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.4 13.3 19.9

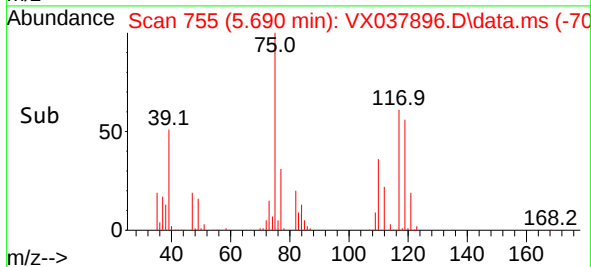
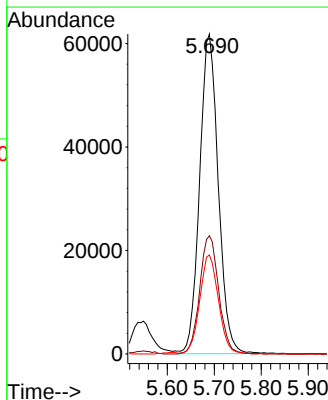
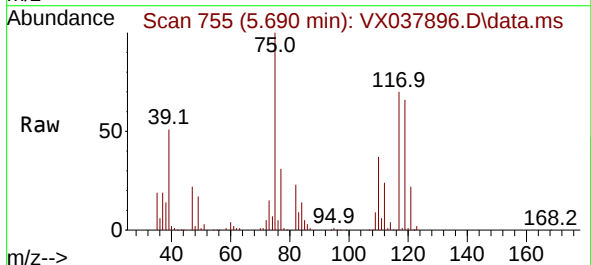
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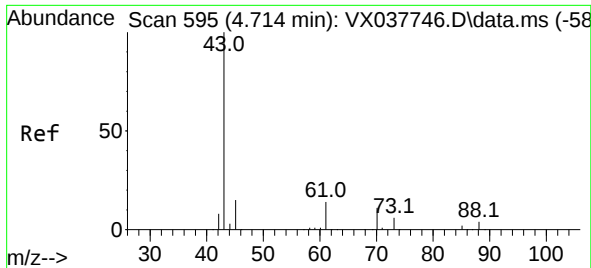
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#36
1,1-Dichloropropene
Concen: 47.155 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

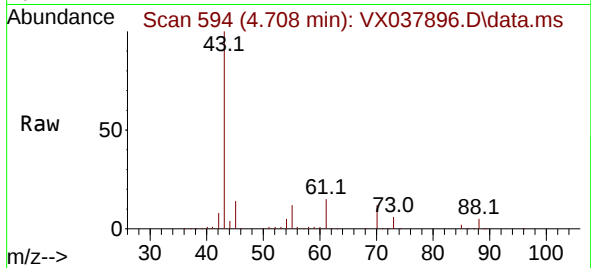
Tgt Ion: 75 Resp: 169826
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 44.184 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.025 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

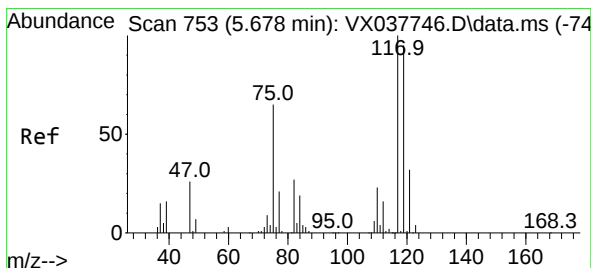
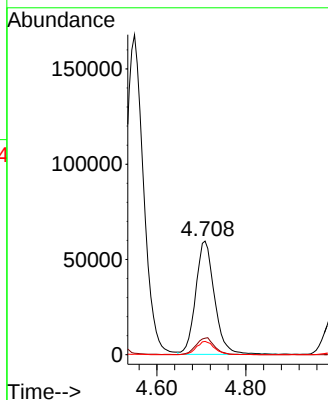
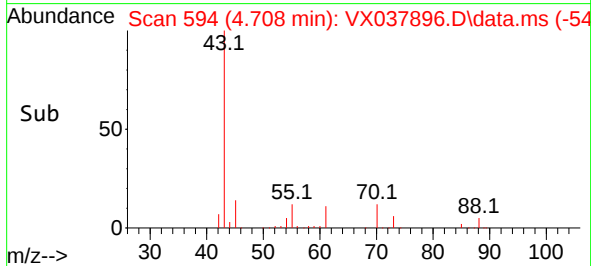
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 174934
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.3 8.3 12.5

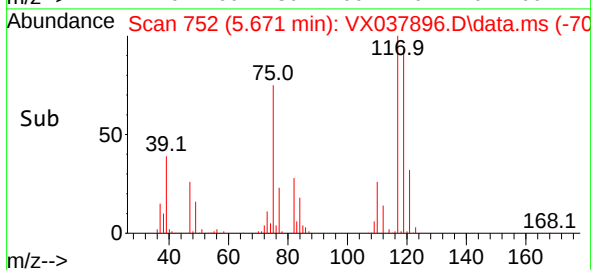
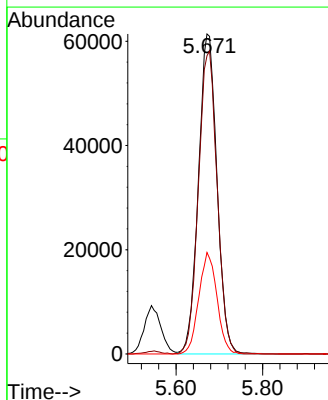
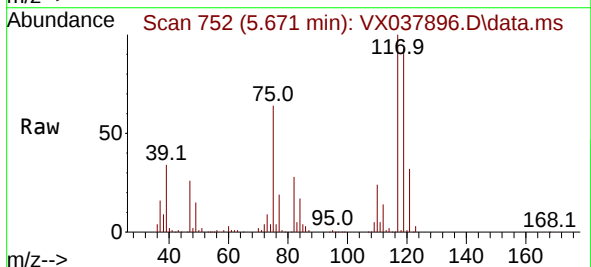
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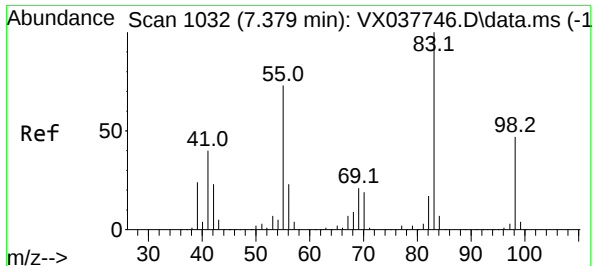
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#38
Carbon Tetrachloride
Concen: 48.448 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion:117 Resp: 182560
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 46.223 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

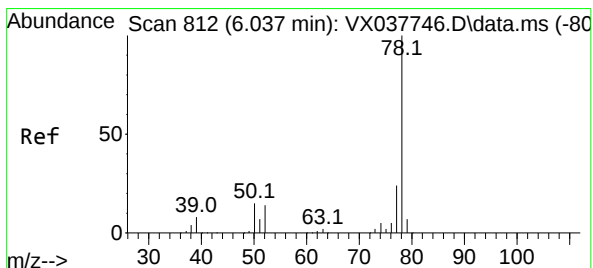
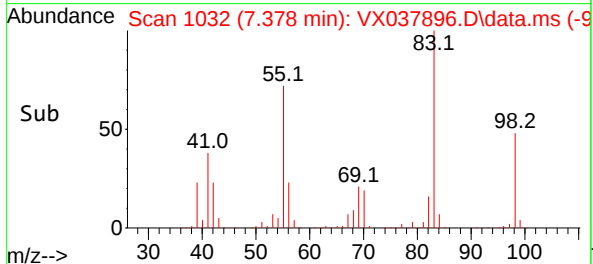
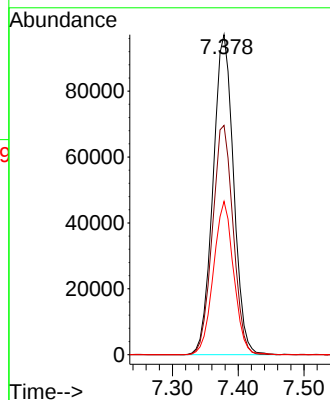
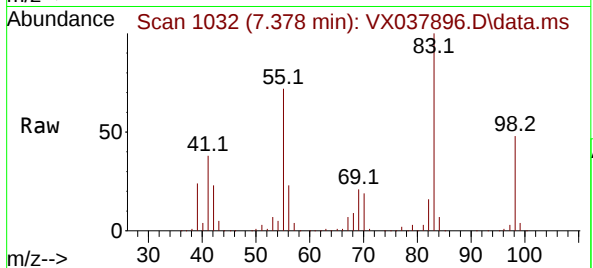
Tgt Ion: 83 Resp: 211275
 Ion Ratio Lower Upper
 83 100
 55 71.6 64.6 97.0
 98 47.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#40

Benzene

Concen: 45.789 ug/l

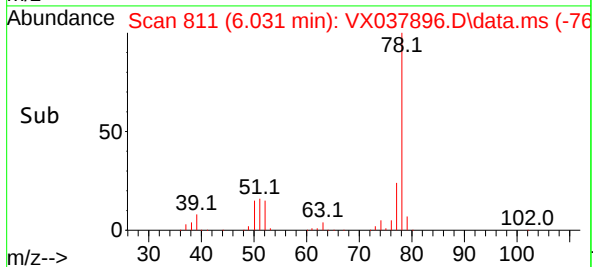
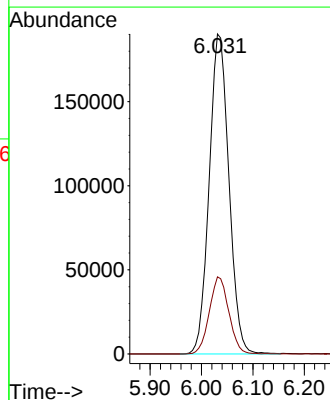
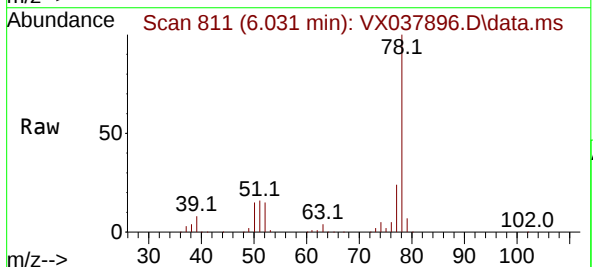
RT: 6.031 min Scan# 811

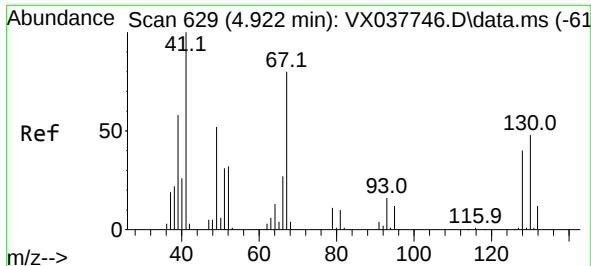
Delta R.T. -0.013 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Tgt Ion: 78 Resp: 507102
 Ion Ratio Lower Upper
 78 100
 77 24.1 19.3 28.9





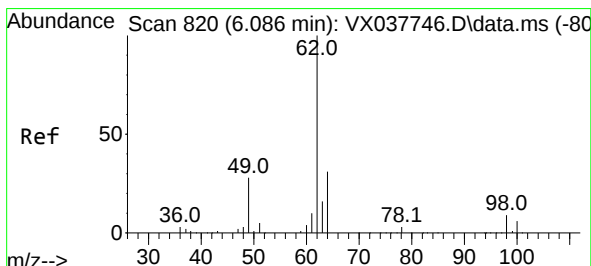
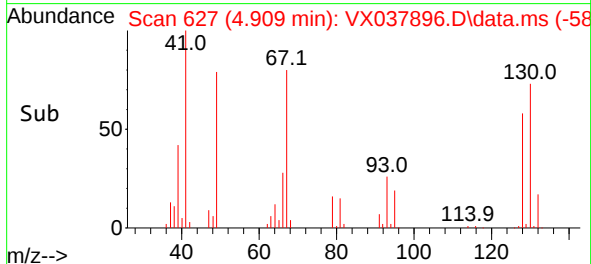
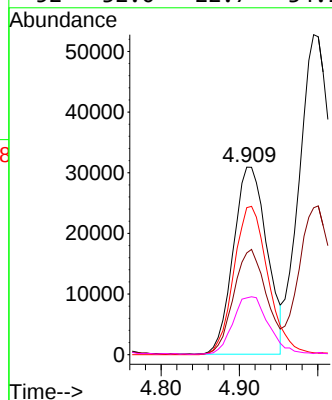
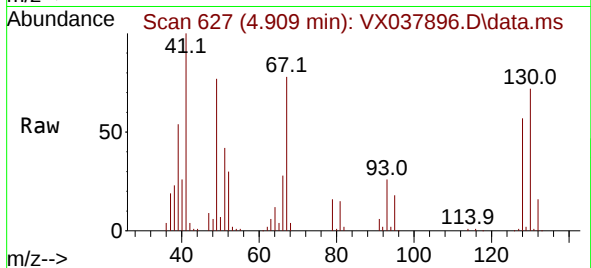
#41
Methacrylonitrile
Concen: 45.752 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.037 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 92362
Ion Ratio Lower Upper
41 100
39 54.5 45.2 67.8
67 80.6 52.6 78.8
52 32.0 22.7 34.1

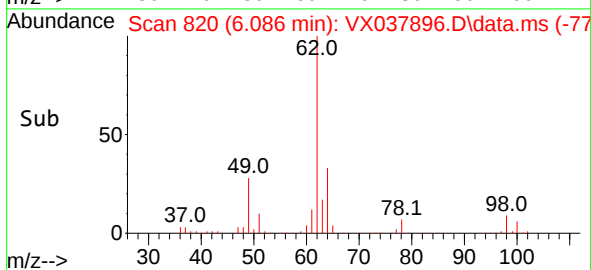
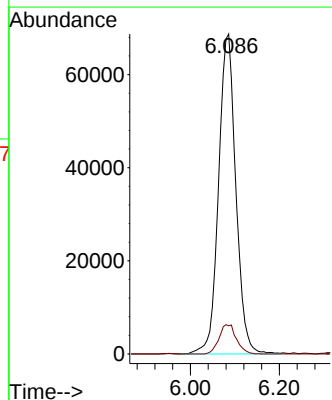
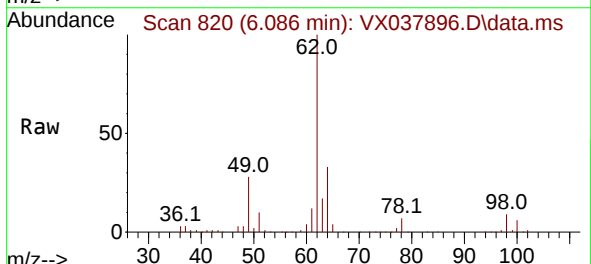
Manual Integrations
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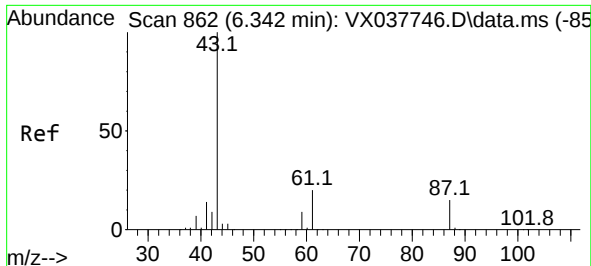
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#42
1,2-Dichloroethane
Concen: 46.165 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 62 Resp: 184790
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 45.549 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

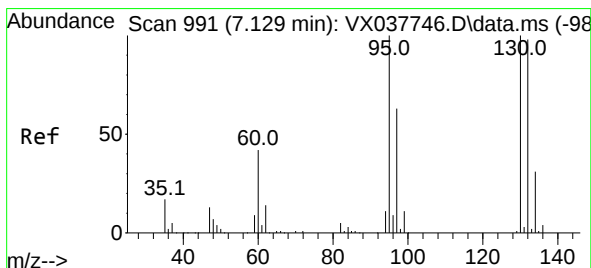
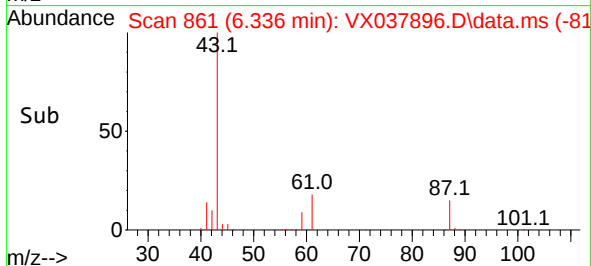
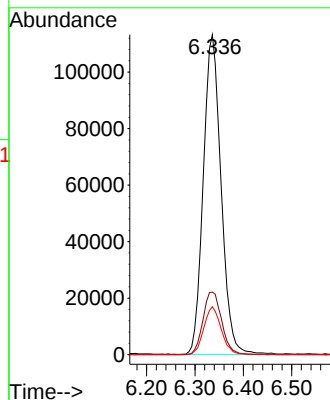
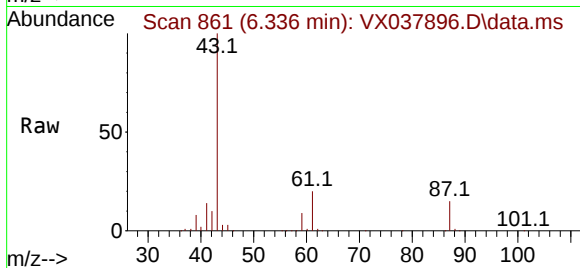
Tgt Ion: 43	Resp: 28836
Ion Ratio	Lower Upper
43 100	
61 20.6	15.2 22.8
87 14.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#44

Trichloroethene

Concen: 45.180 ug/l

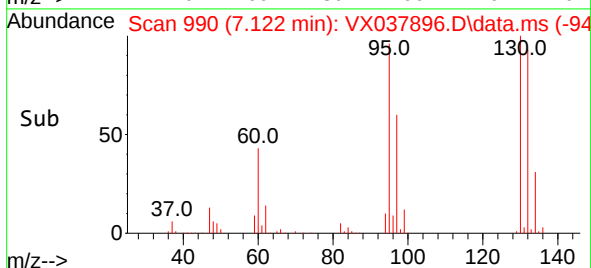
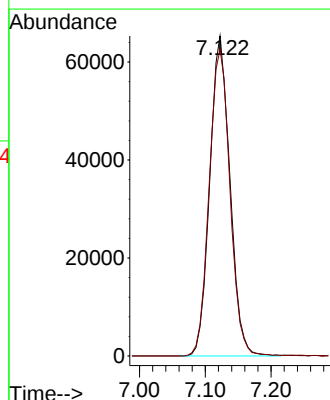
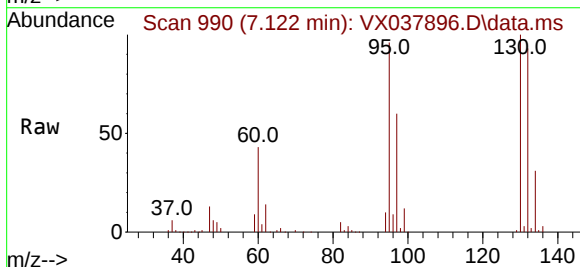
RT: 7.122 min Scan# 990

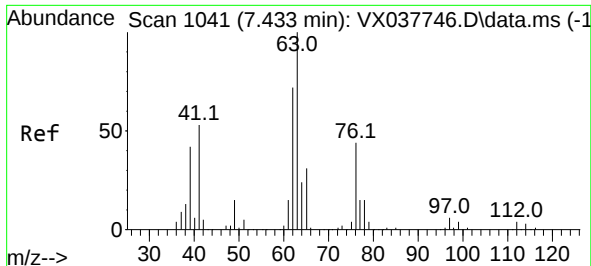
Delta R.T. -0.013 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Tgt Ion:130	Resp: 139344
Ion Ratio	Lower Upper
130 100	
95 95.7	0.0 204.4





#45

1,2-Dichloropropane

Concen: 46.770 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13451

Ion Ratio Lower Upper

63 100

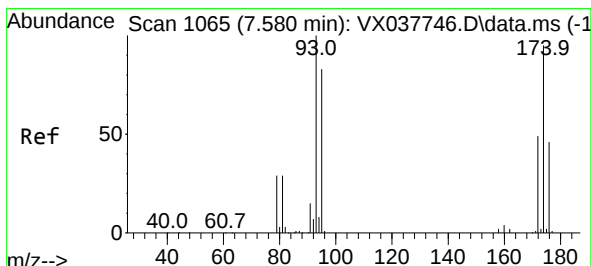
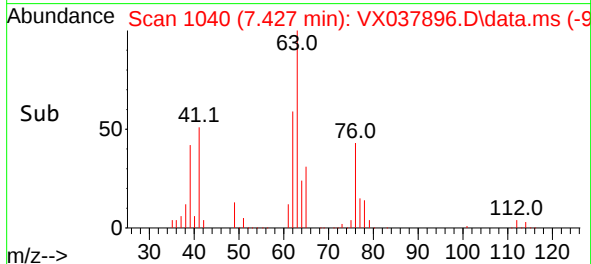
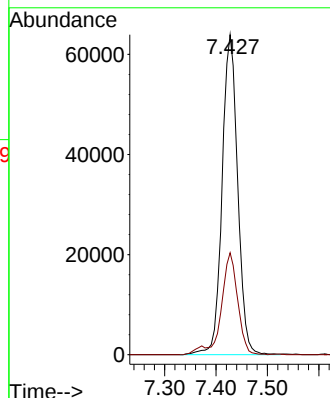
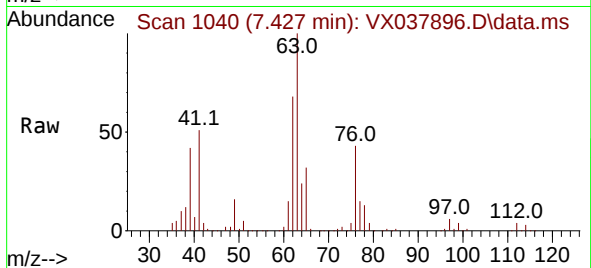
65 31.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#46

Dibromomethane

Concen: 48.244 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

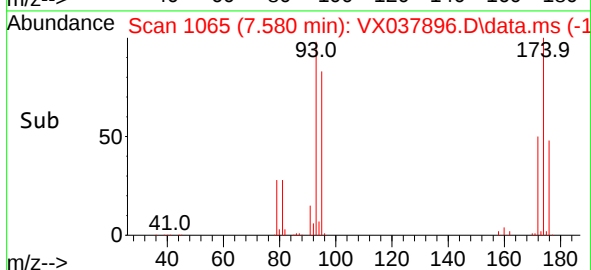
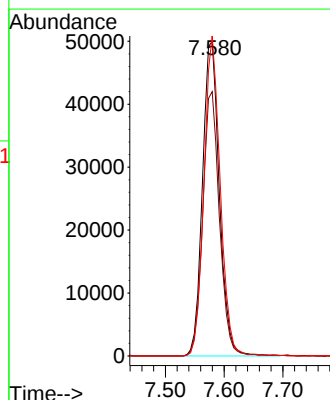
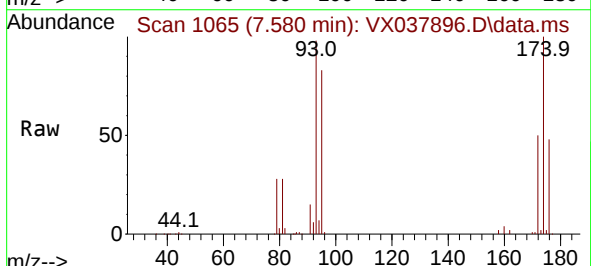
Tgt Ion: 93 Resp: 99811

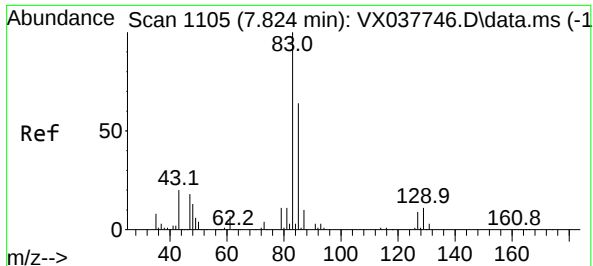
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

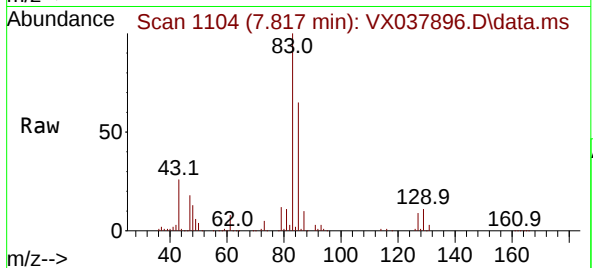
174 98.0 69.4 104.0





#47
Bromodichloromethane
Concen: 49.997 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

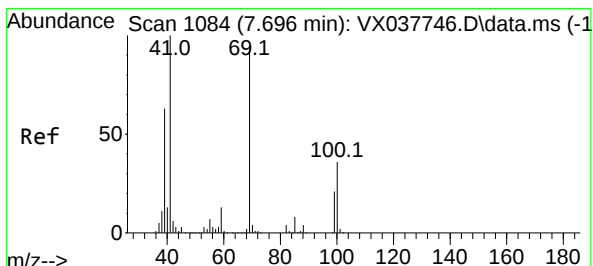
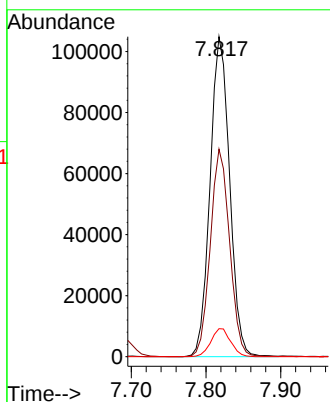
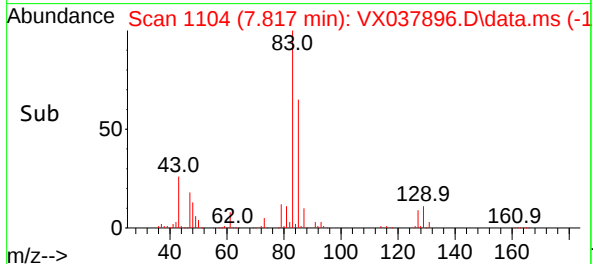
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 19050
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 8.7 7.1 10.7

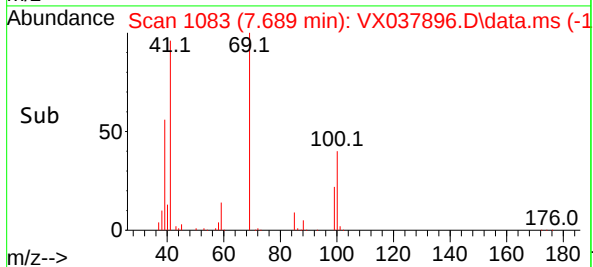
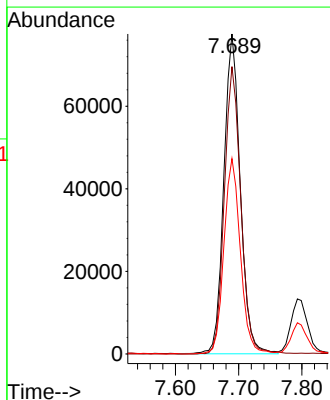
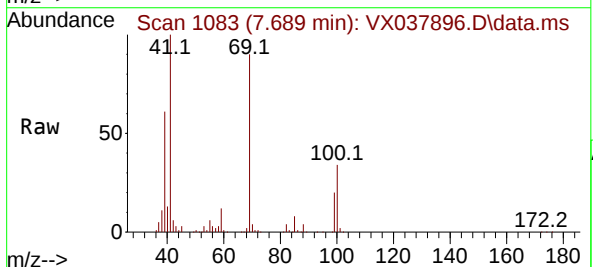
Manual Integrations
APPROVED

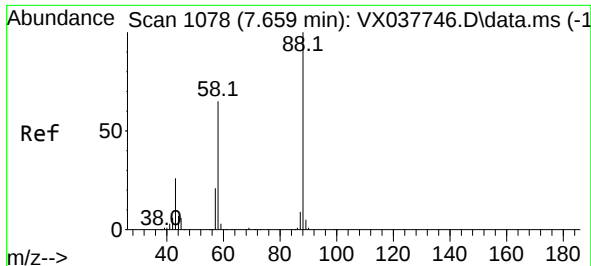
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#48
Methyl methacrylate
Concen: 46.110 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.013 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 41 Resp: 139547
Ion Ratio Lower Upper
41 100
69 90.2 59.2 88.8
39 61.4 47.7 71.5





#49

1,4-Dioxane

Concen: 916.481 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.019 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

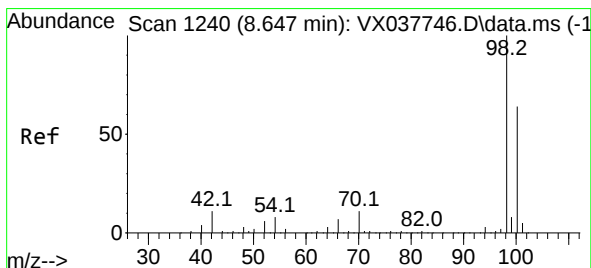
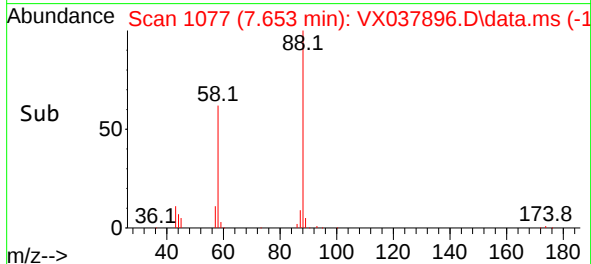
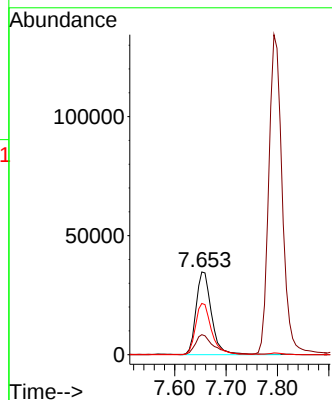
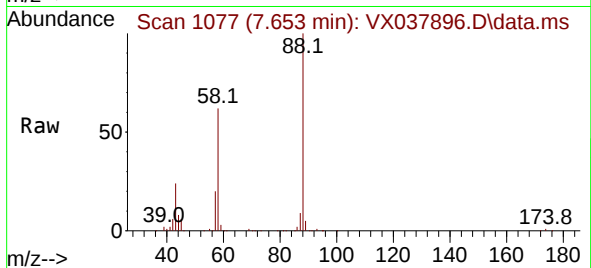
Tgt Ion: 88 Resp: 72715
 Ion Ratio Lower Upper
 88 100
 43 28.6 0.0 0.0
 58 64.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#50

Toluene-d8

Concen: 52.485 ug/l

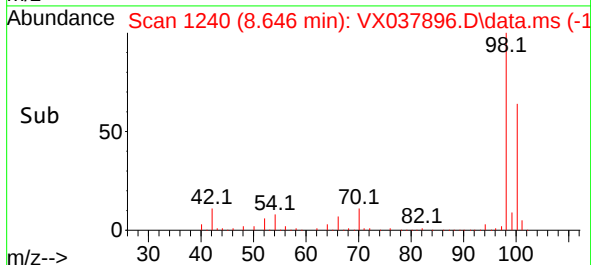
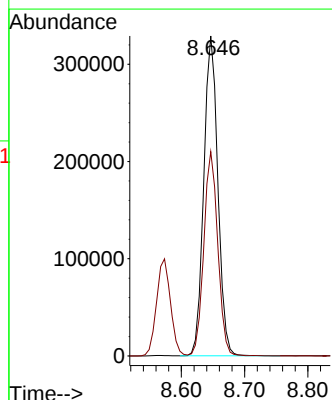
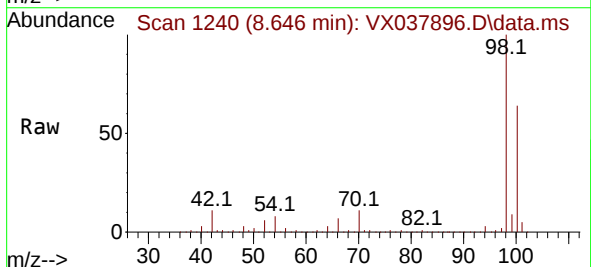
RT: 8.646 min Scan# 1240

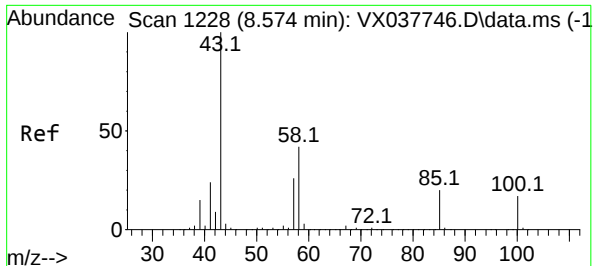
Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Tgt Ion: 98 Resp: 509833
 Ion Ratio Lower Upper
 98 100
 100 63.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 226.758 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 910809

Ion Ratio Lower Upper

43 100

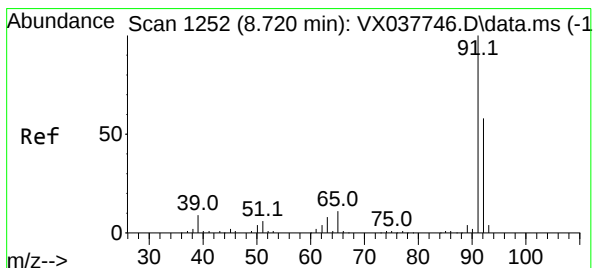
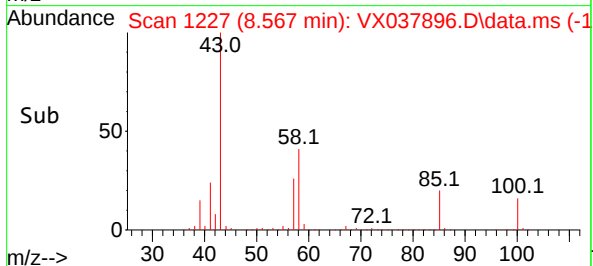
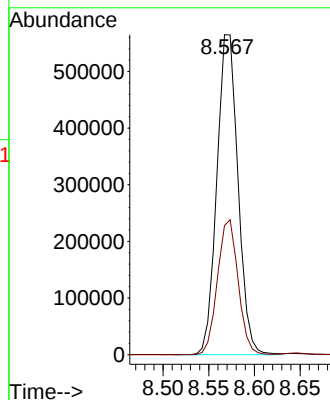
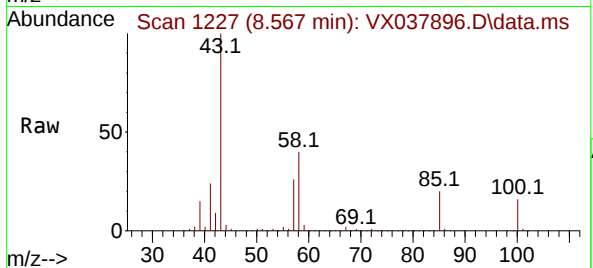
58 41.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#52

Toluene

Concen: 47.485 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.007 min

Lab File: VX037896.D

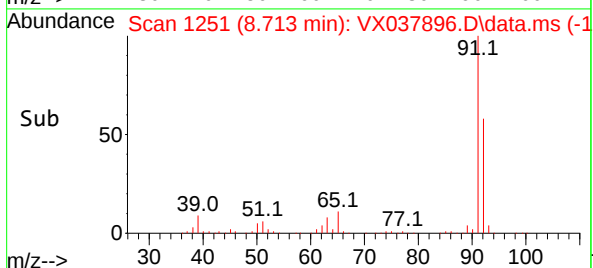
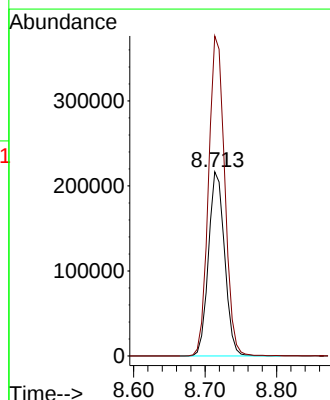
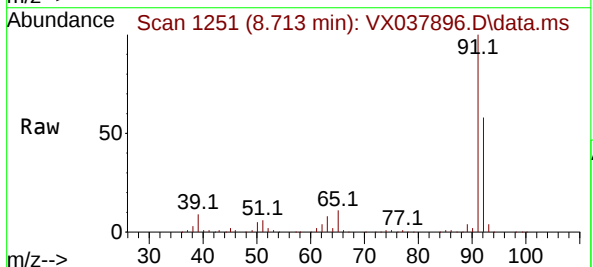
Acq: 25 Sep 2023 15:51

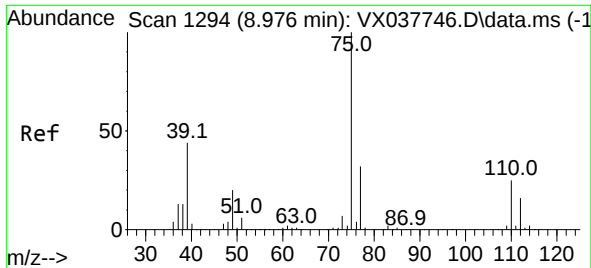
Tgt Ion: 92 Resp: 338925

Ion Ratio Lower Upper

92 100

91 174.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.923 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.013 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 20686

Ion Ratio Lower Upper

75 100

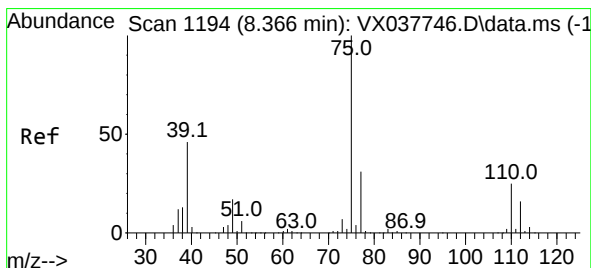
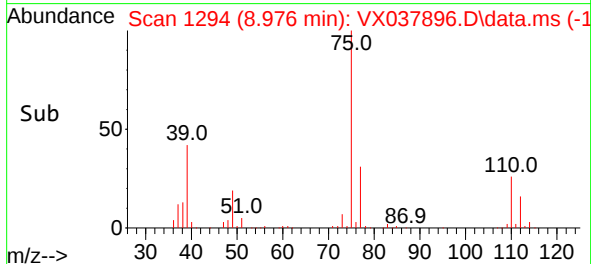
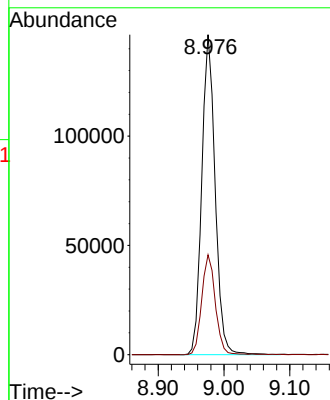
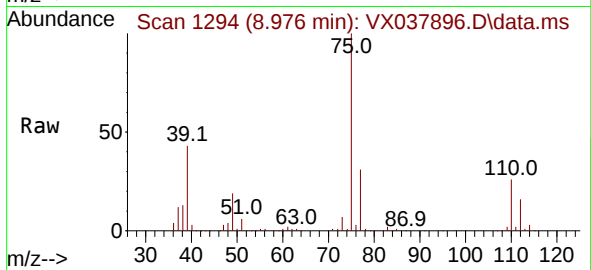
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#54

cis-1,3-Dichloropropene

Concen: 49.311 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

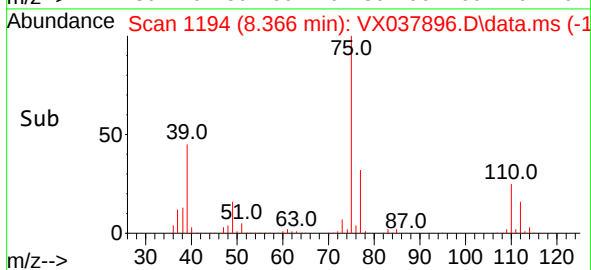
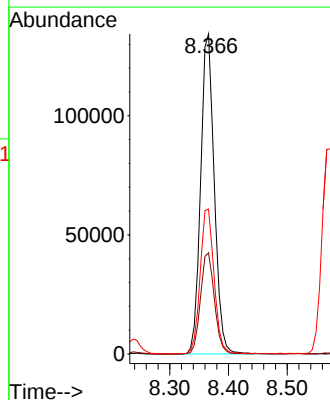
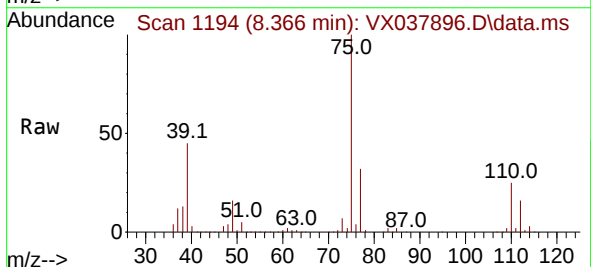
Tgt Ion: 75 Resp: 217429

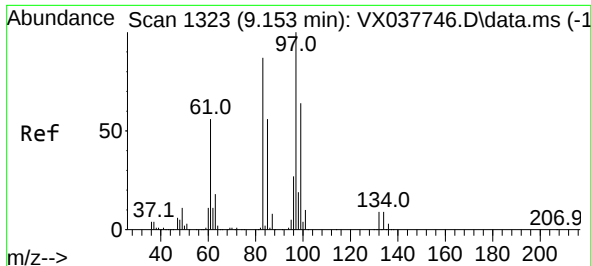
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

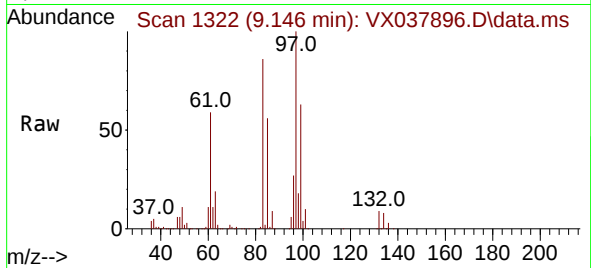
39 45.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 48.205 ug/l
RT: 9.146 min Scan# 1323
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

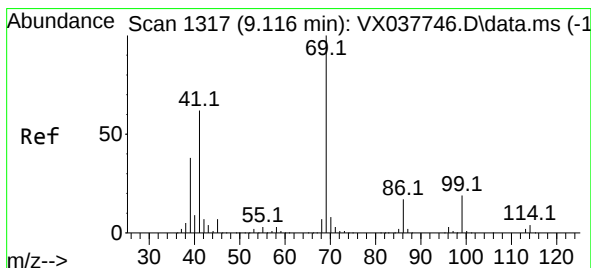
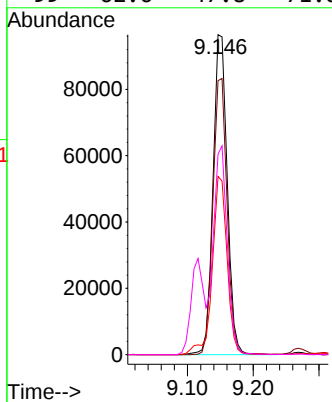
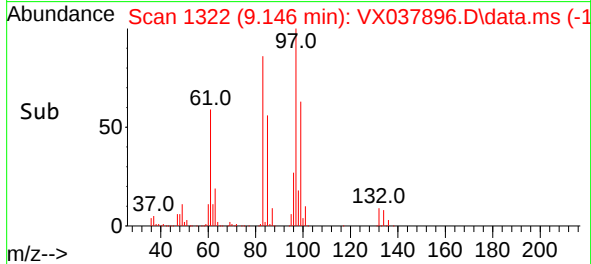
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 145063
Ion Ratio Lower Upper
97 100
83 85.6 65.8 98.8
85 55.7 41.6 62.4
99 62.6 47.8 71.8

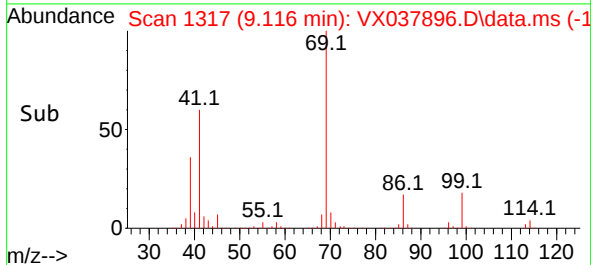
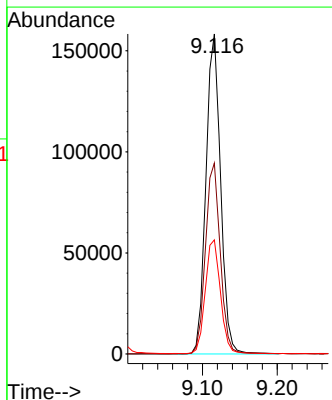
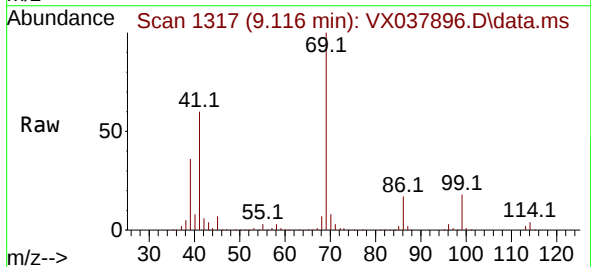
Manual Integrations
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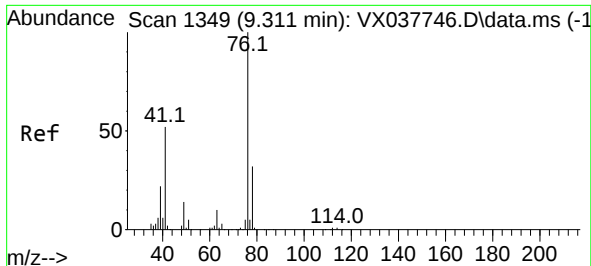
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#56
Ethyl methacrylate
Concen: 48.031 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 69 Resp: 215777
Ion Ratio Lower Upper
69 100
41 60.2 56.8 85.2
39 36.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 47.314 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 230399

Ion Ratio Lower Upper

76 100

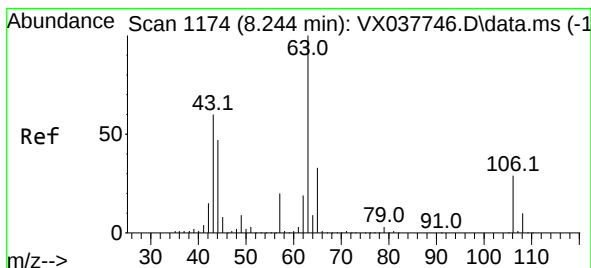
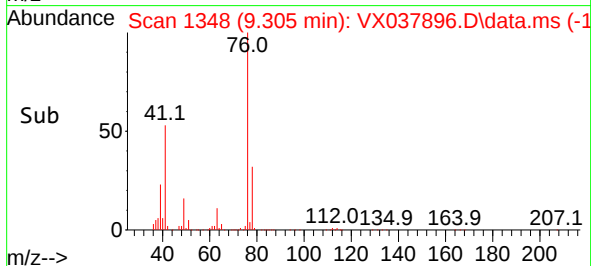
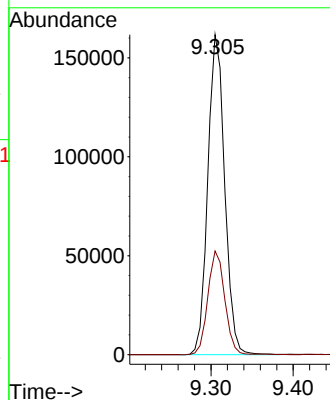
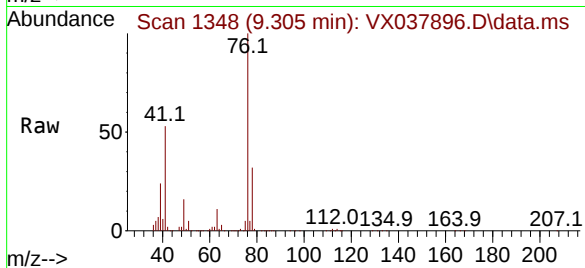
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 225.262 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX037896.D

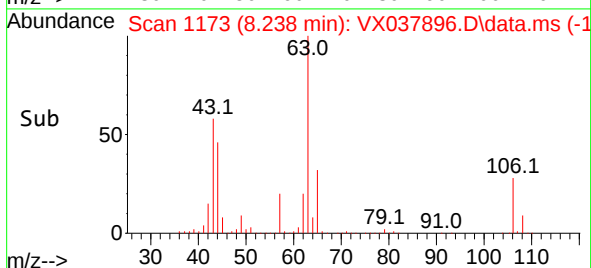
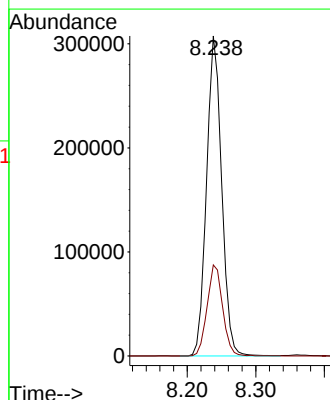
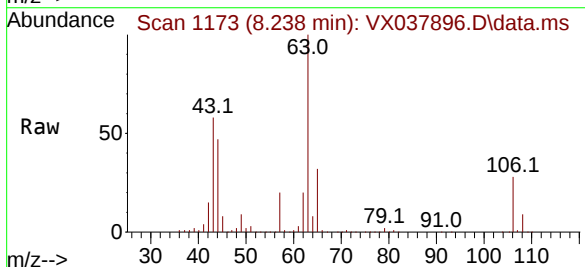
Acq: 25 Sep 2023 15:51

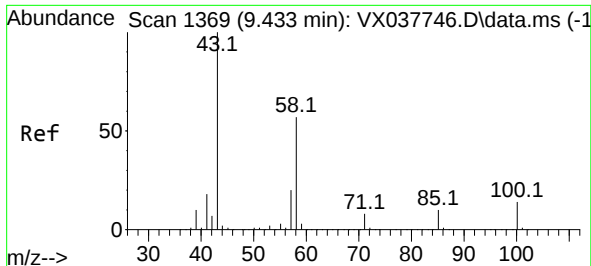
Tgt Ion: 63 Resp: 472542

Ion Ratio Lower Upper

63 100

106 29.2 22.5 33.7





#59

2-Hexanone

Concen: 230.151 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 719770

Ion Ratio Lower Upper

43 100

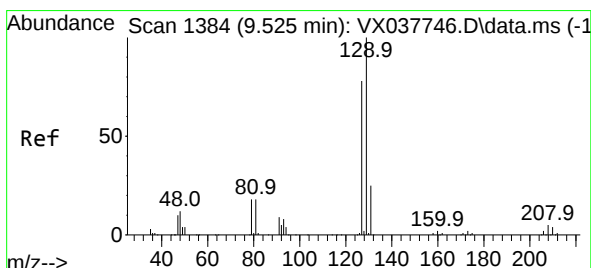
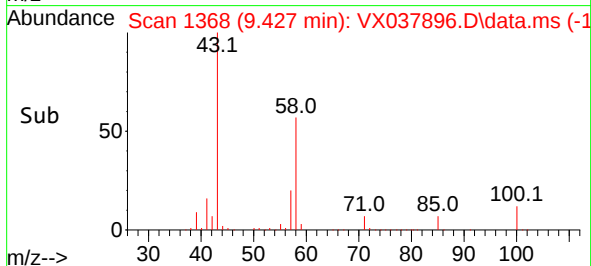
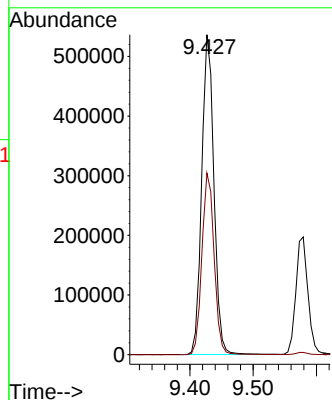
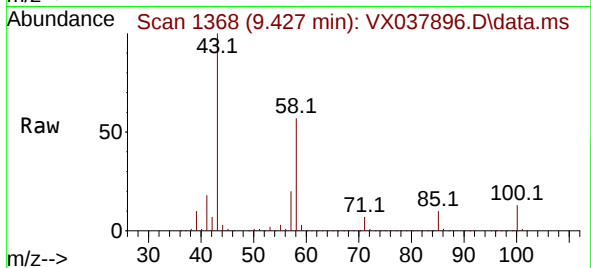
58 57.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#60

Dibromochloromethane

Concen: 51.875 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037896.D

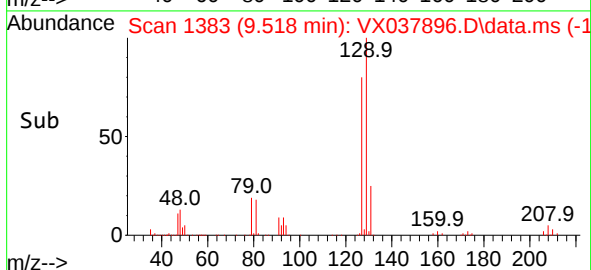
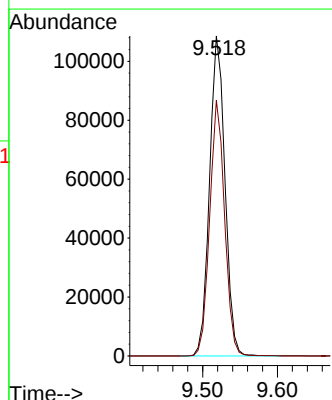
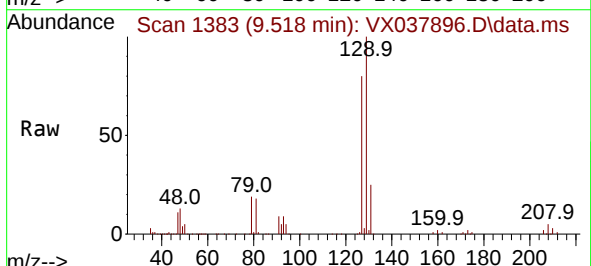
Acq: 25 Sep 2023 15:51

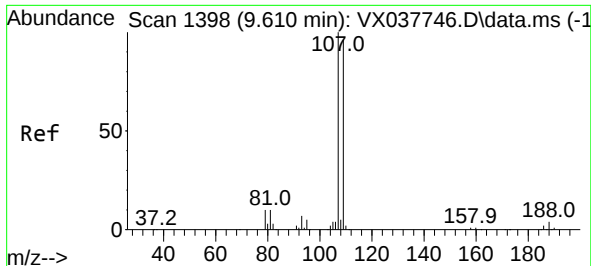
Tgt Ion:129 Resp: 155511

Ion Ratio Lower Upper

129 100

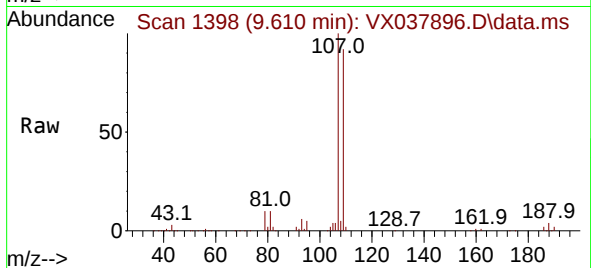
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.665 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

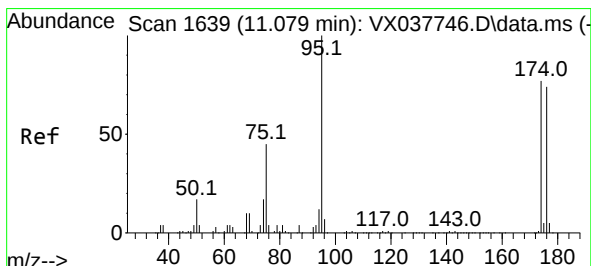
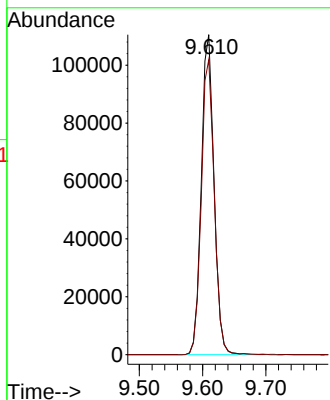
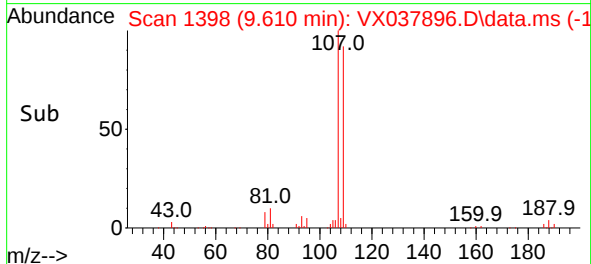
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



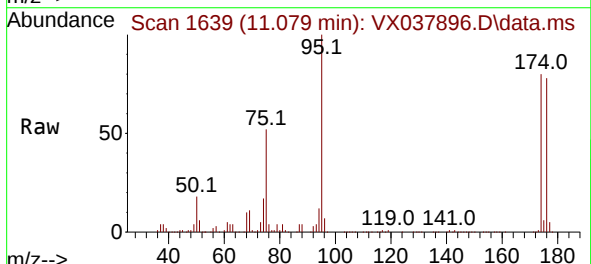
Tgt Ion:107 Resp: 155052
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

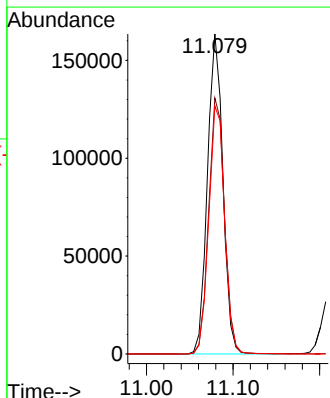
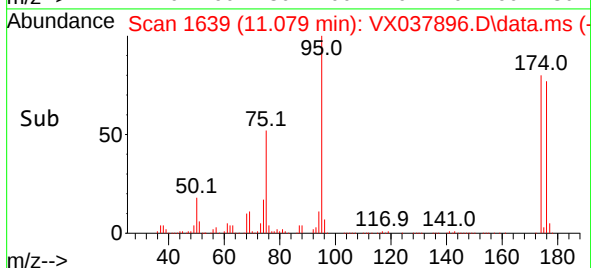
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

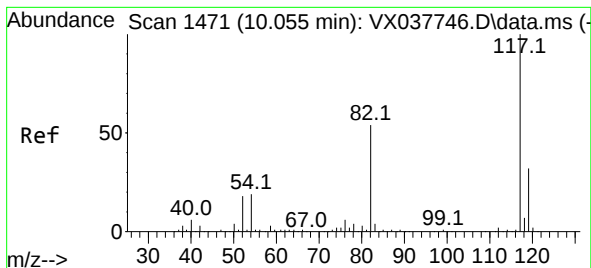


#62
4-Bromofluorobenzene
Concen: 57.301 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



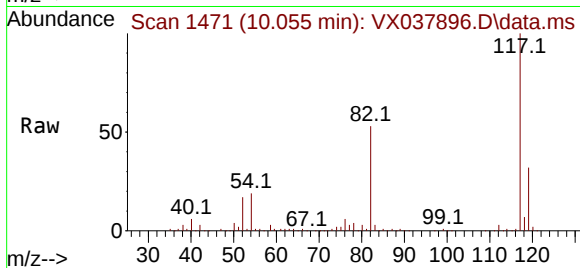
Tgt Ion: 95 Resp: 202264
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 79.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

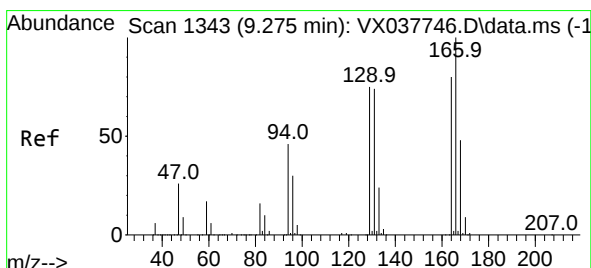
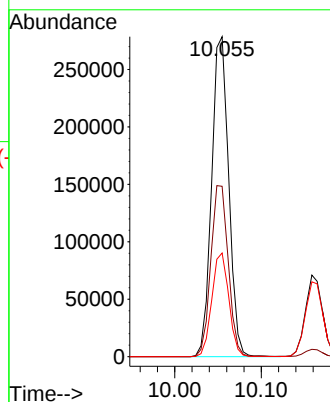
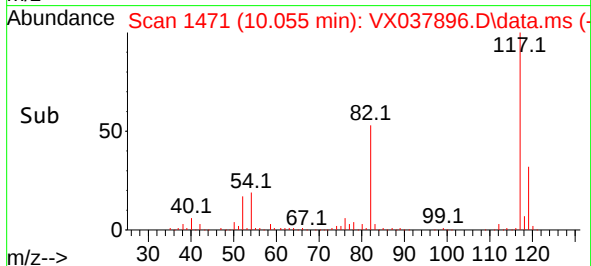
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 381485
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 32.4 25.5 38.3

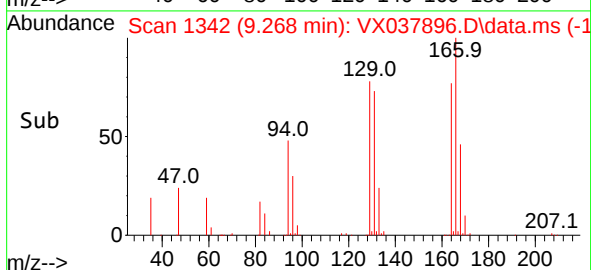
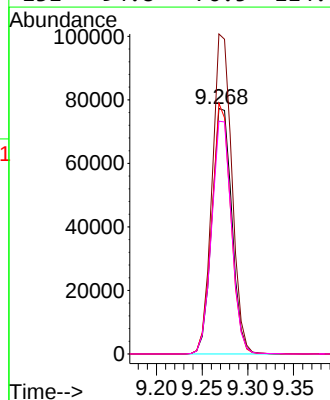
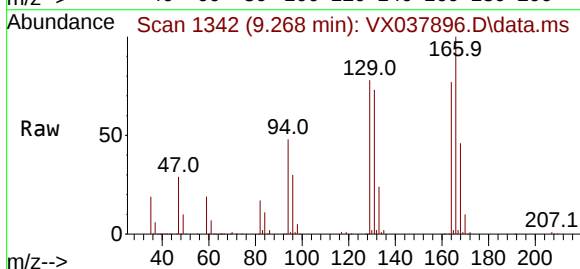
Manual Integrations
APPROVED

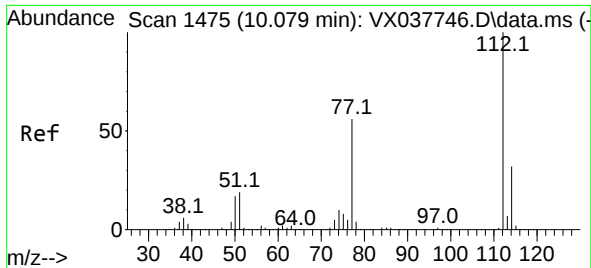
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#64
Tetrachloroethene
Concen: 44.812 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

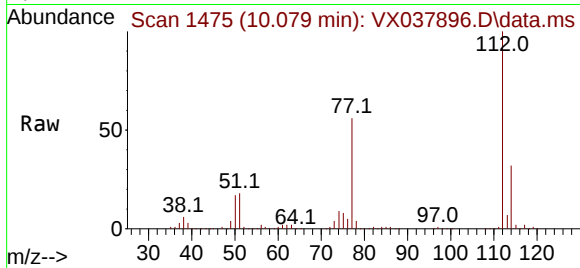
Tgt Ion:164 Resp: 116586
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 102.1 80.4 120.6
131 94.8 76.5 114.7





#65
Chlorobenzene
Concen: 45.919 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

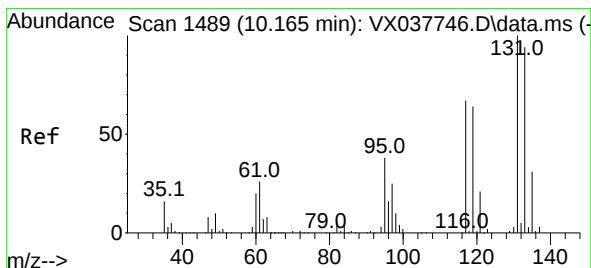
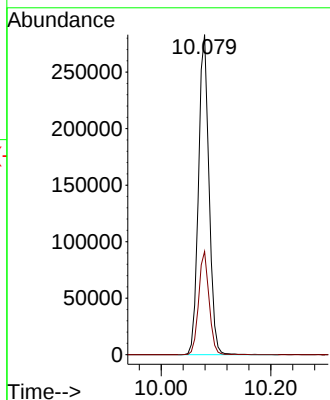
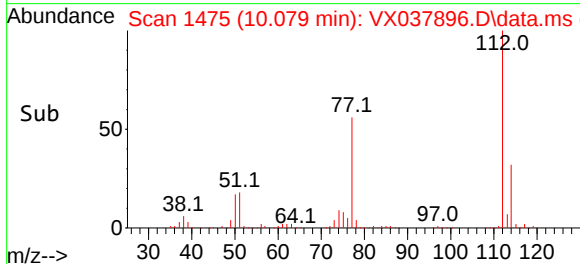
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 377852
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

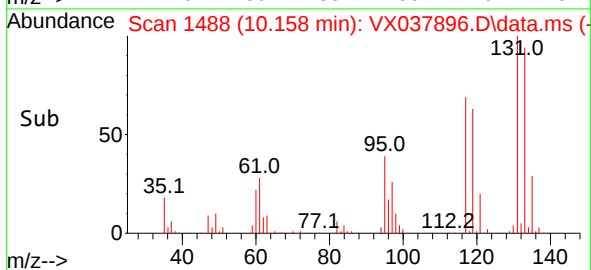
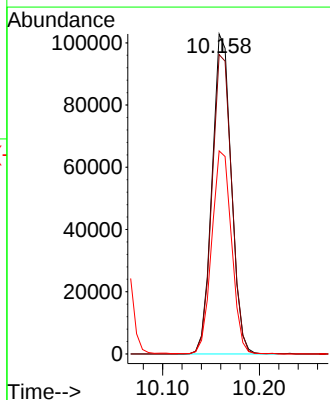
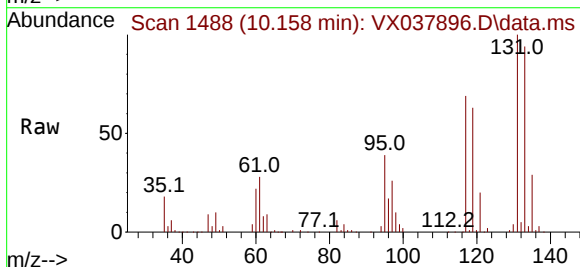
Manual Integrations
APPROVED

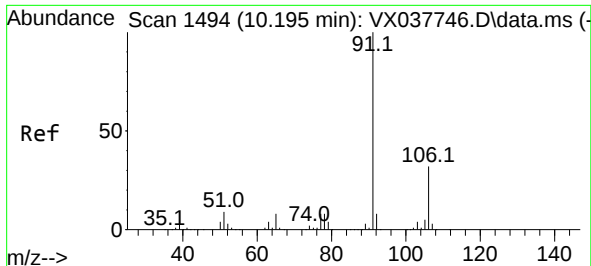
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.427 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion:131 Resp: 141218
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 65.6 32.2 96.6





#67

Ethyl Benzene

Concen: 47.314 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 675009

Ion Ratio Lower Upper

91 100

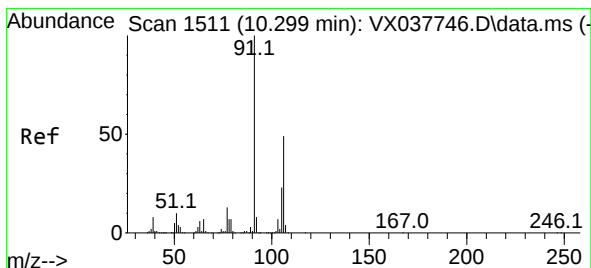
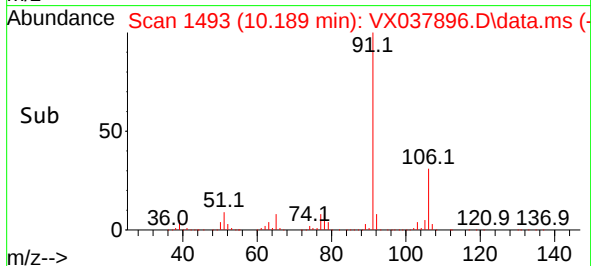
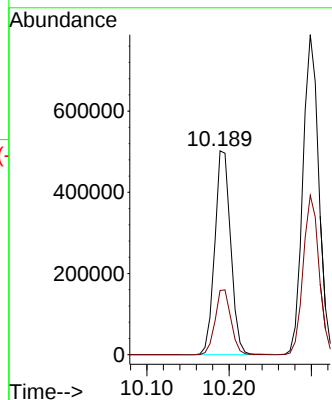
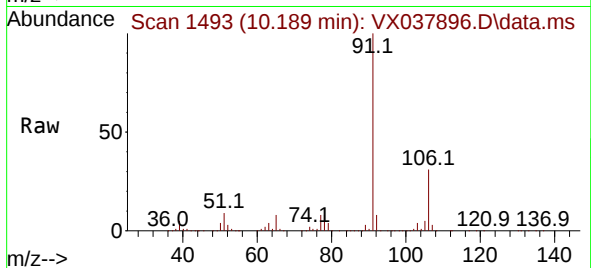
106 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#68

m/p-Xylenes

Concen: 95.319 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.007 min

Lab File: VX037896.D

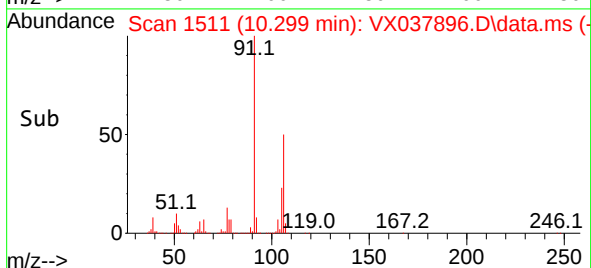
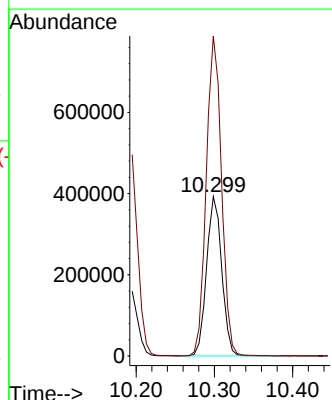
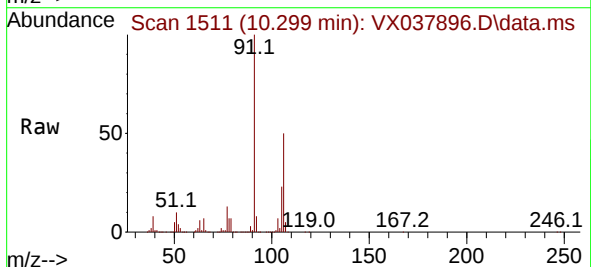
Acq: 25 Sep 2023 15:51

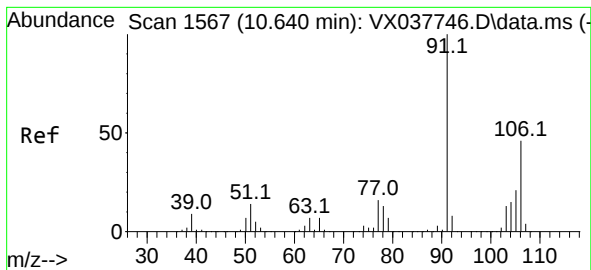
Tgt Ion:106 Resp: 525471

Ion Ratio Lower Upper

106 100

91 202.3 165.5 248.3





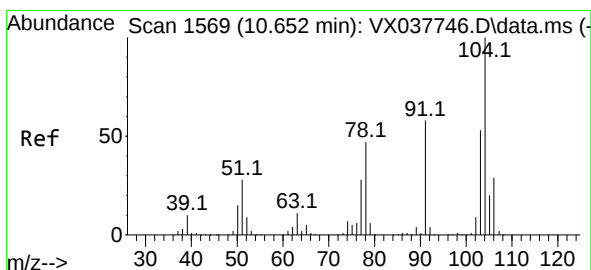
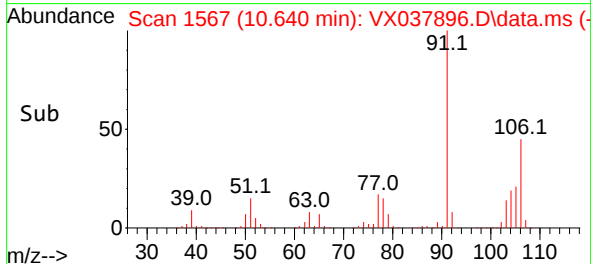
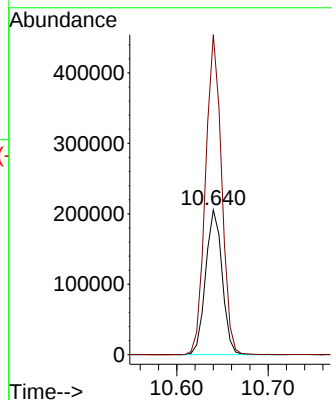
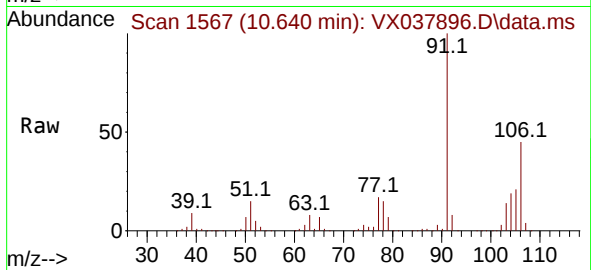
#69
o-Xylene
Concen: 46.526 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 257200
Ion Ratio Lower Upper
106 100
91 215.7 108.9 326.8

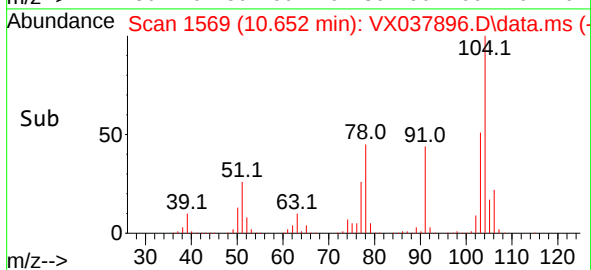
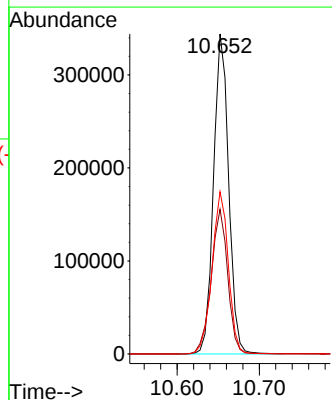
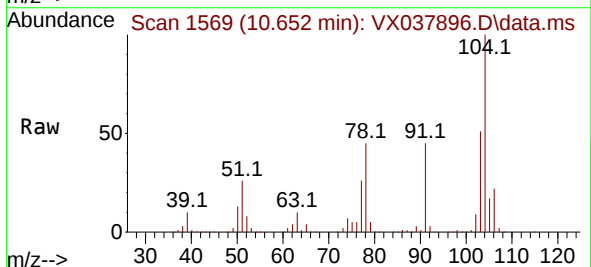
Manual Integrations
APPROVED

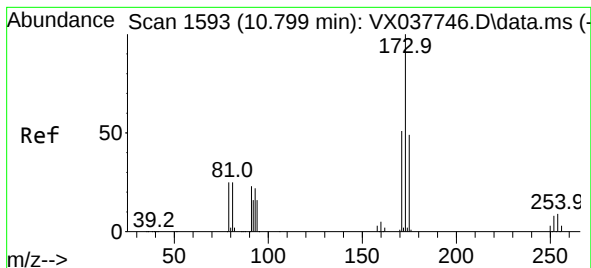
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#70
Styrene
Concen: 49.693 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

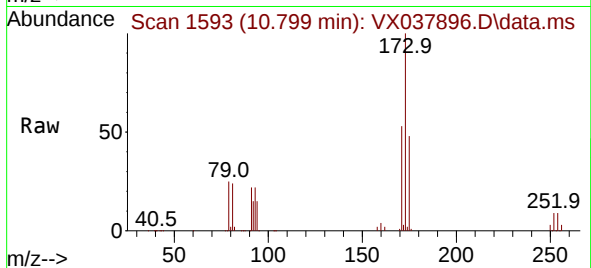
Tgt Ion:104 Resp: 441017
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 54.9 43.6 65.4





#71
Bromoform
Concen: 51.629 ug/l
RT: 10.799 min Scan# 118934
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

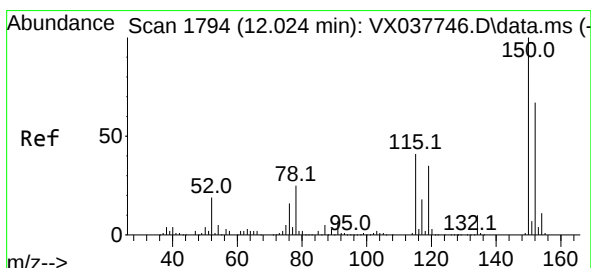
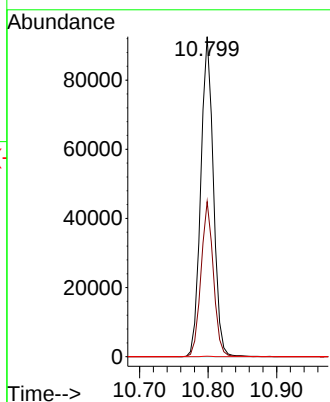
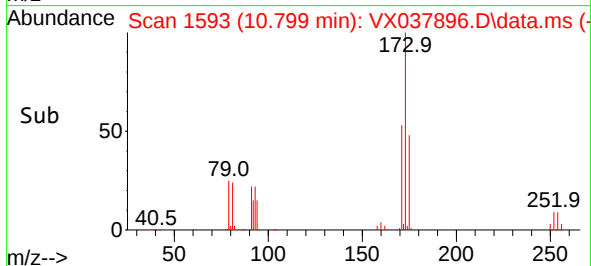
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



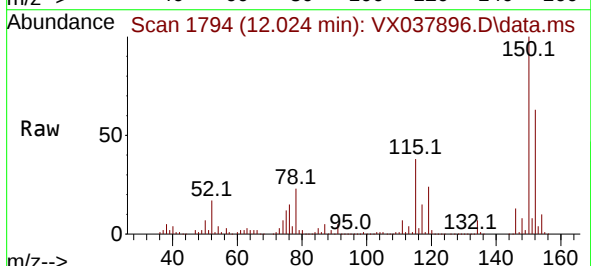
Tgt Ion:173 Resp: 118934
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

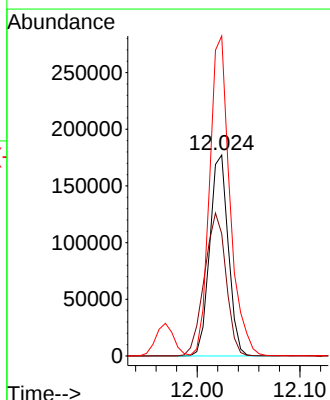
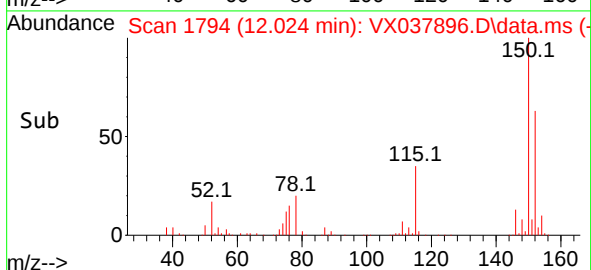
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

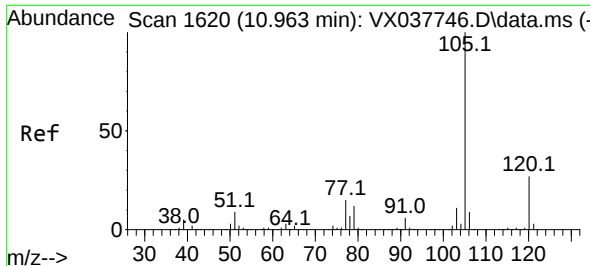


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



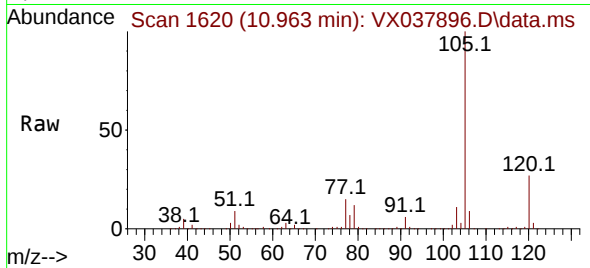
Tgt Ion:152 Resp: 222021
Ion Ratio Lower Upper
152 100
115 82.8 43.3 129.9
150 173.2 0.0 345.0





#73
Isopropylbenzene
Concen: 42.232 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

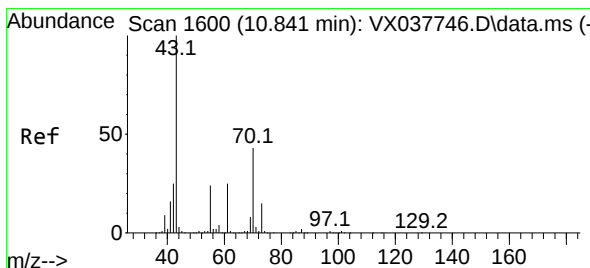
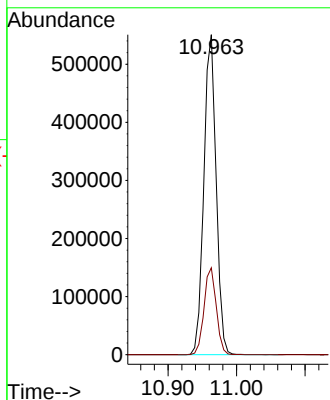
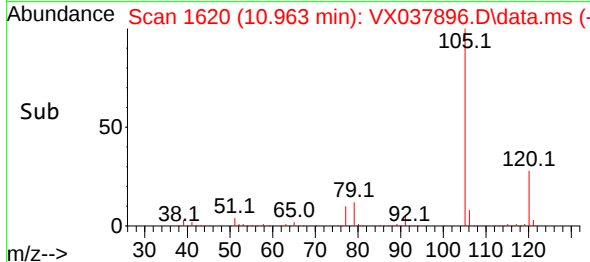
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



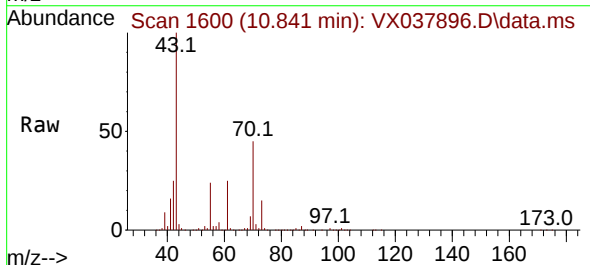
Tgt Ion:105 Resp: 687890
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.6

Manual Integrations
APPROVED

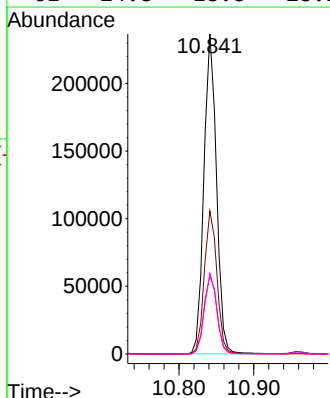
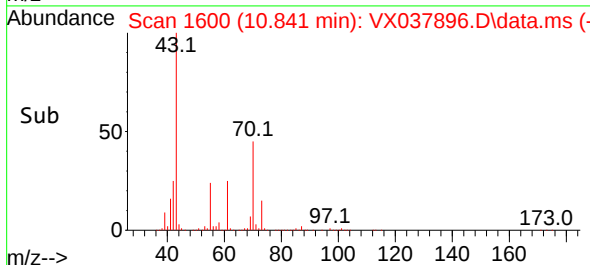
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

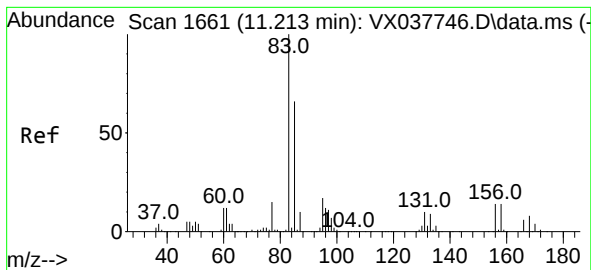


#74
N-ethyl acetate
Concen: 41.883 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



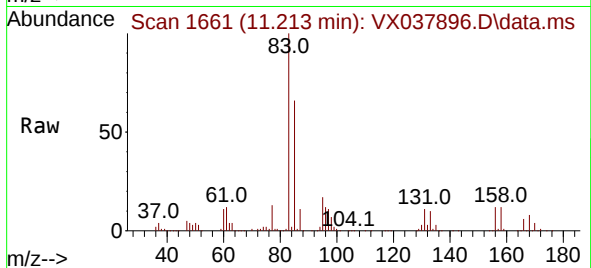
Tgt Ion: 43 Resp: 276288
Ion Ratio Lower Upper
43 100
70 45.3 32.9 49.3
55 25.5 19.3 28.9
61 24.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.575 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

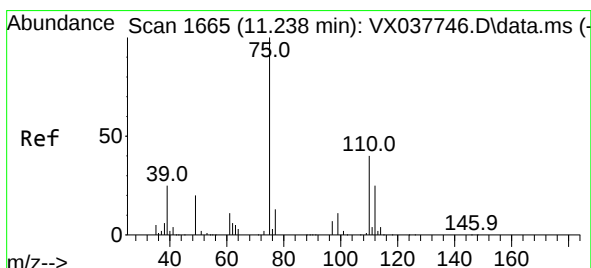
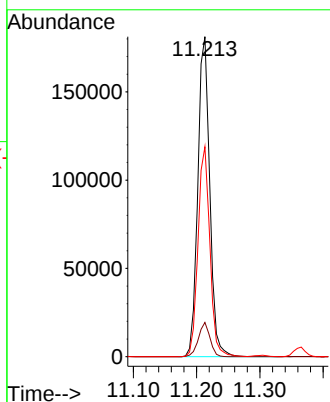
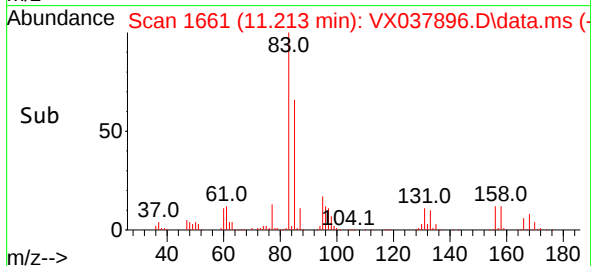
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



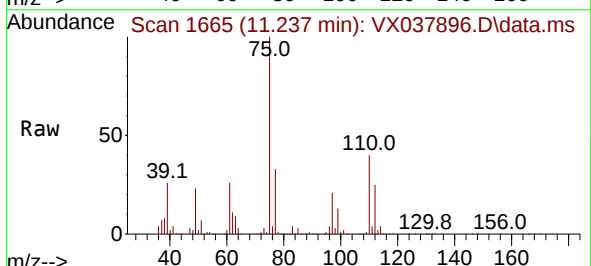
Tgt Ion: 83 Resp: 238168
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
APPROVED

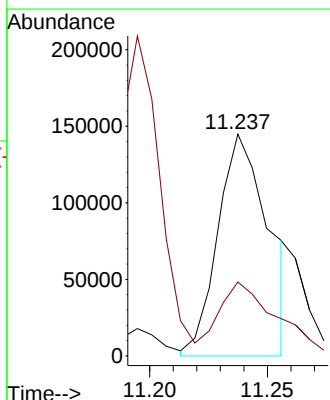
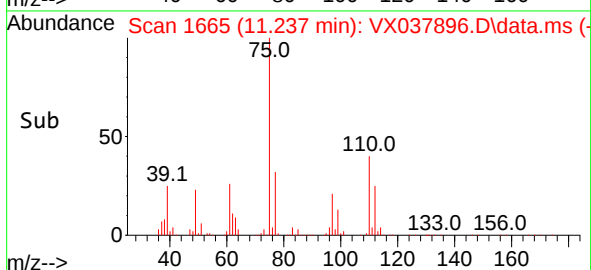
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

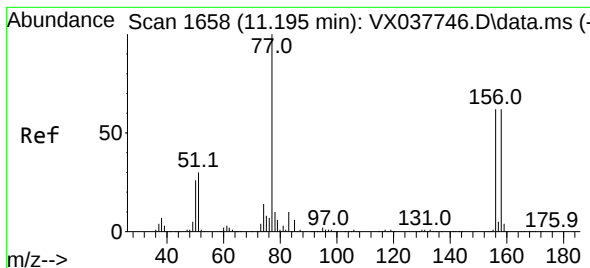


#76
1,2,3-Trichloropropane
Concen: 41.978 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



Tgt Ion: 75 Resp: 215561
Ion Ratio Lower Upper
75 100
77 38.7 19.1 57.5





#77

Bromobenzene

Concen: 43.170 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

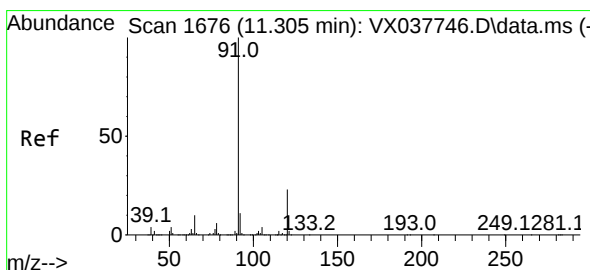
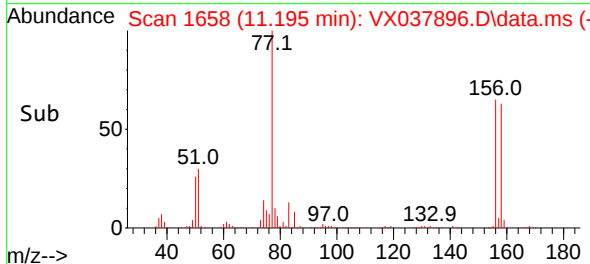
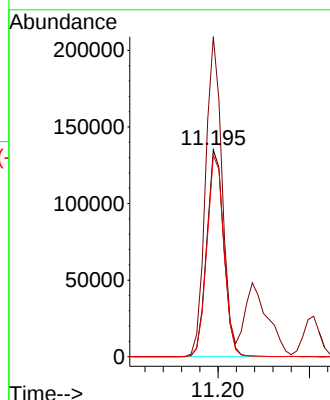
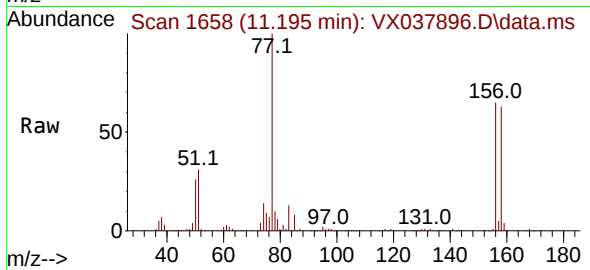
Tgt Ion:	156	Resp:	17404
Ion Ratio	Lower	Upper	
156	100		
77	150.6	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#78

n-propylbenzene

Concen: 45.427 ug/l

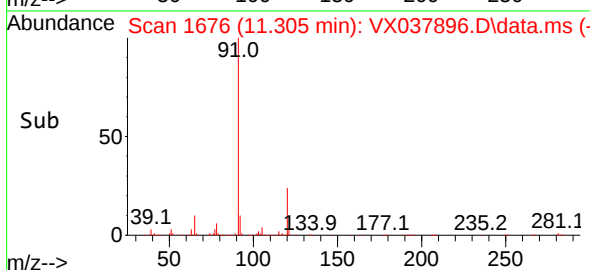
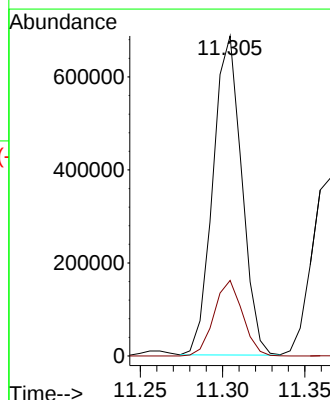
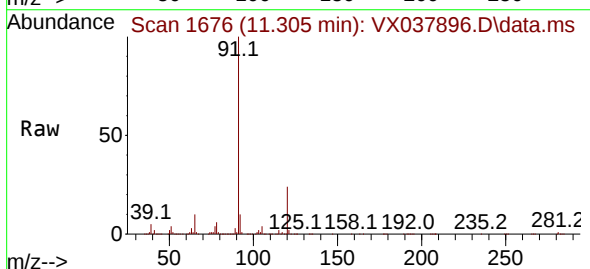
RT: 11.305 min Scan# 1676

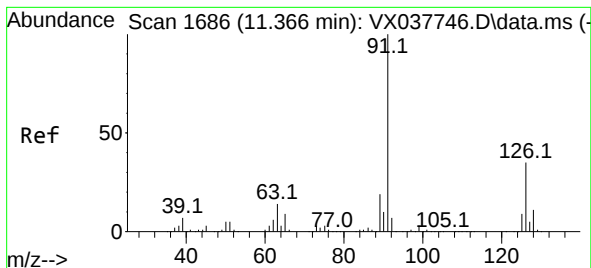
Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Tgt Ion:	91	Resp:	835655
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





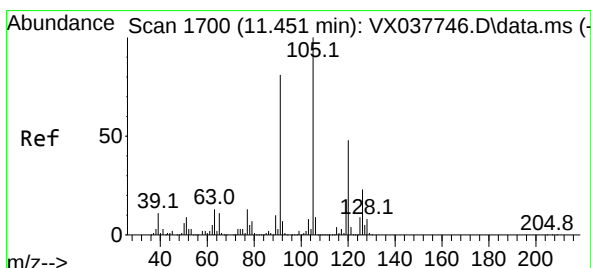
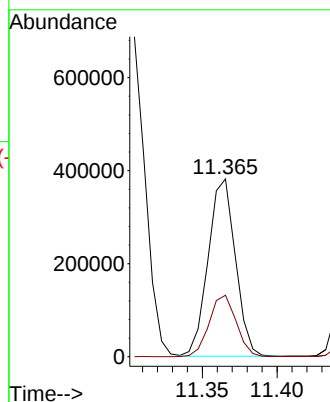
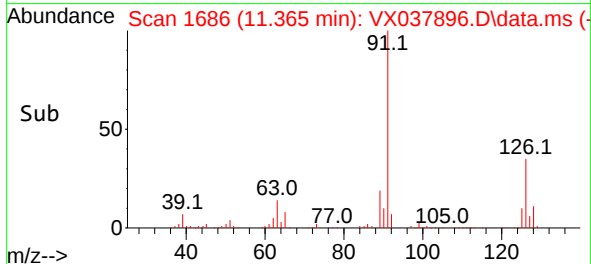
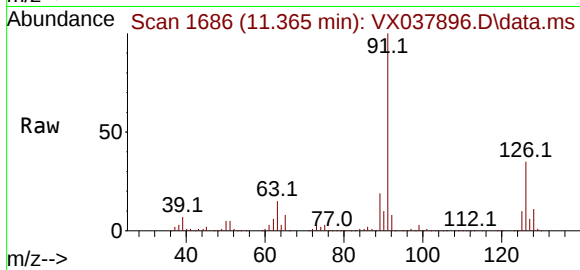
#79
2-Chlorotoluene
Concen: 42.657 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48383
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

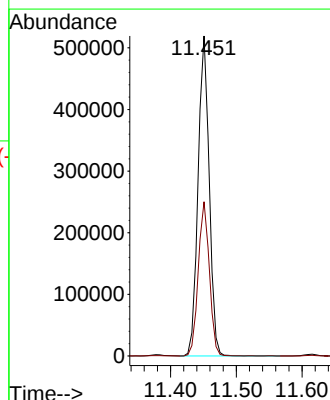
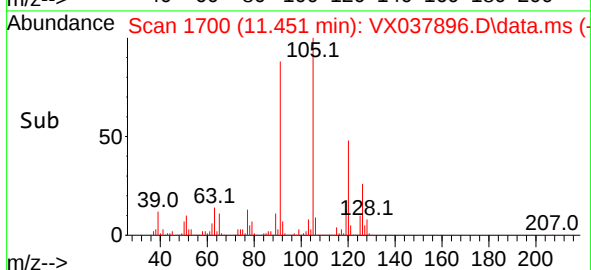
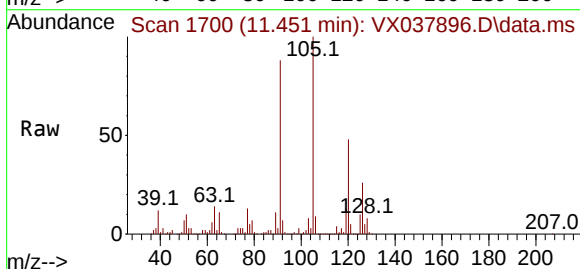
Manual Integrations
APPROVED

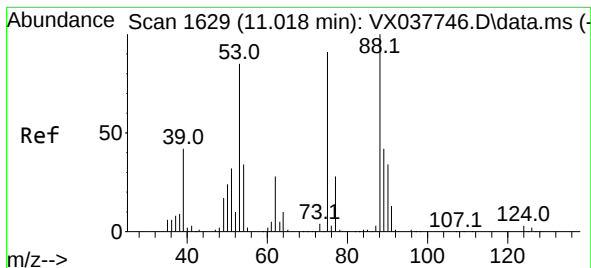
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.041 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion:105 Resp: 605810
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





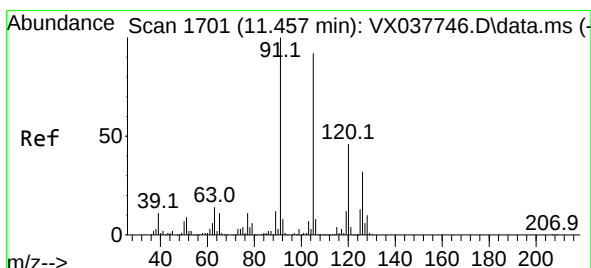
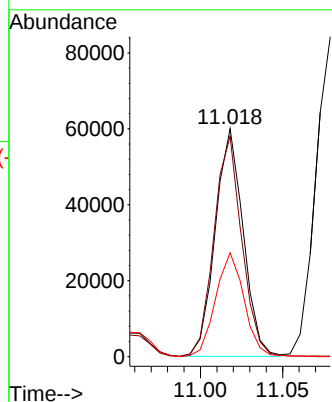
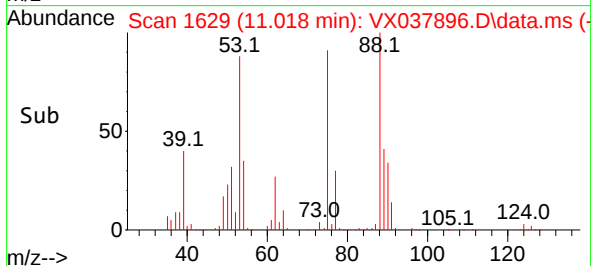
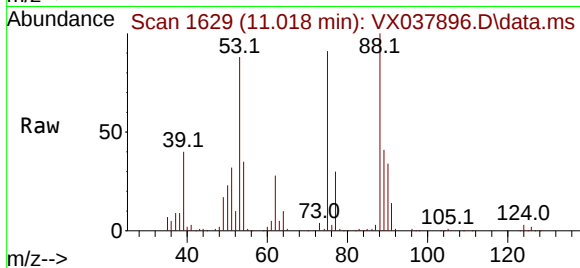
#81
trans-1,4-Dichloro-2-butene
Concen: 44.273 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 70972
Ion Ratio Lower Upper
75 100
53 96.2 90.5 135.7
89 46.7 36.9 55.3

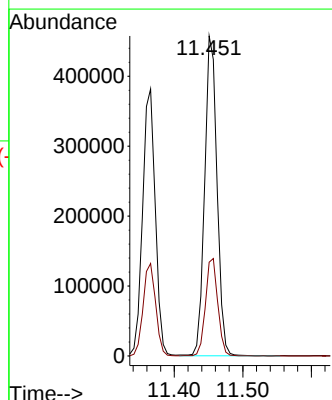
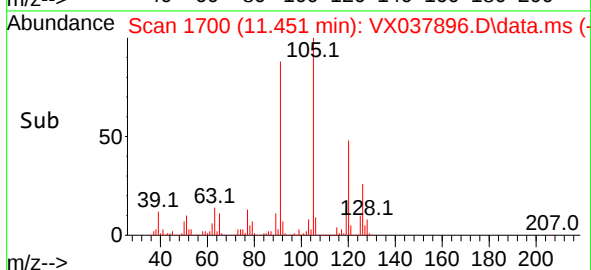
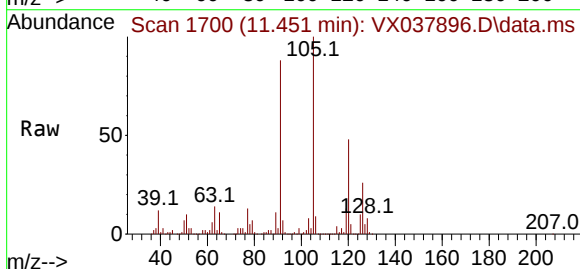
Manual Integrations
APPROVED

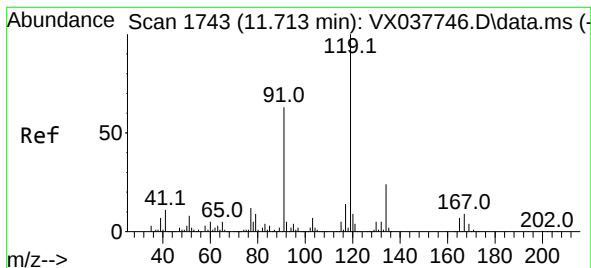
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#82
4-Chlorotoluene
Concen: 44.944 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

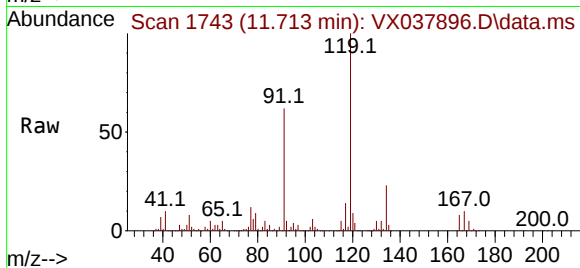
Tgt Ion: 91 Resp: 573906
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 43.759 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

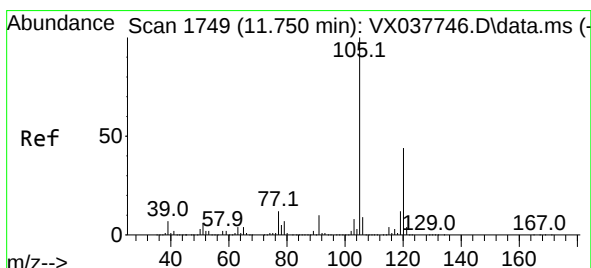
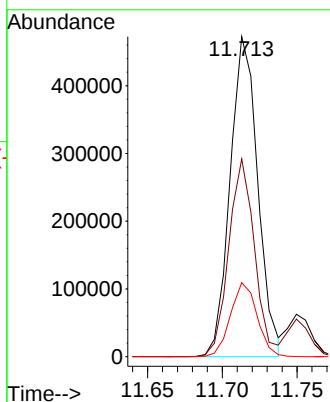
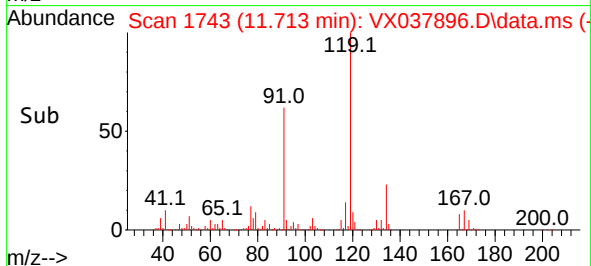
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



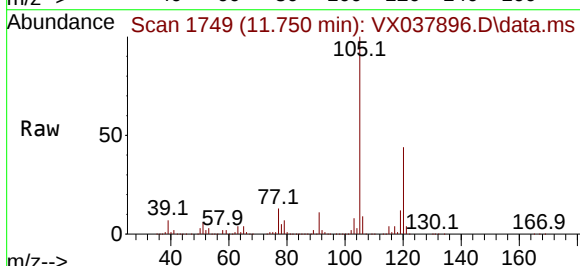
Tgt Ion:119 Resp: 608364
Ion Ratio Lower Upper
119 100
91 57.6 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

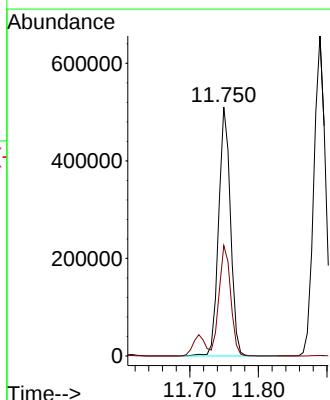
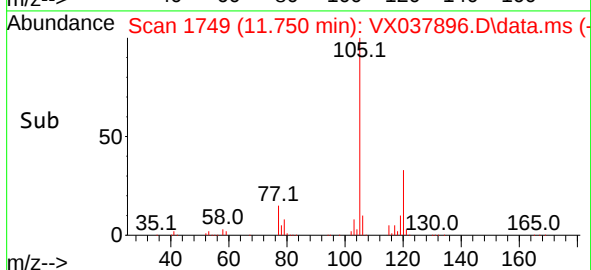
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

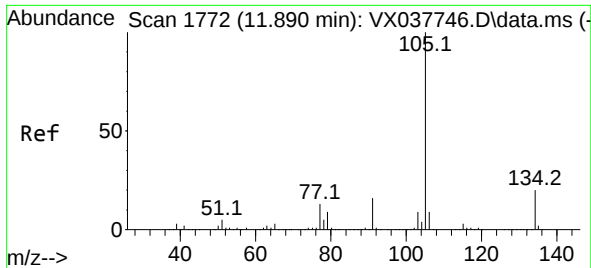


#84
1,2,4-Trimethylbenzene
Concen: 44.515 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



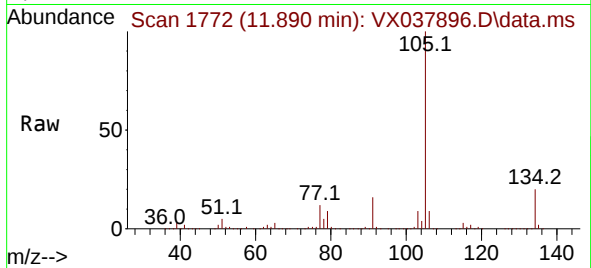
Tgt Ion:105 Resp: 609241
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.214 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037896.D
 Acq: 25 Sep 2023 15:51

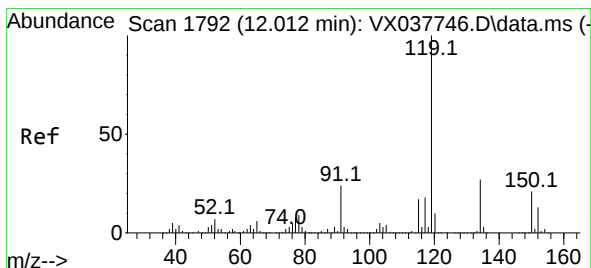
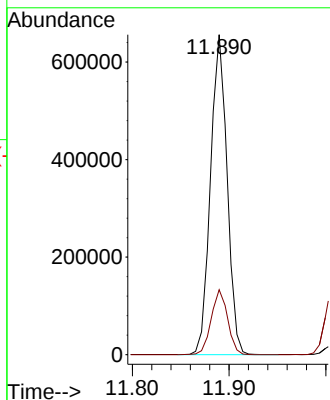
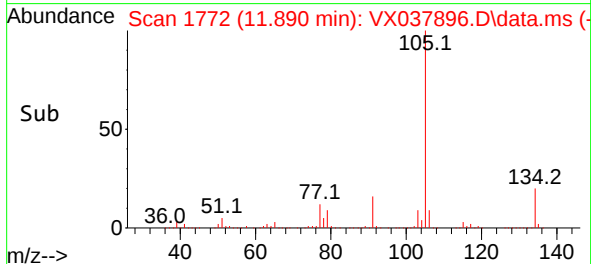
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



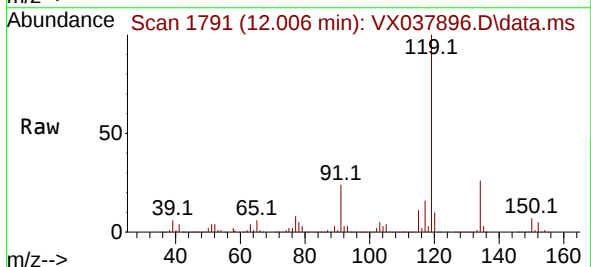
Tgt Ion:105 Resp: 779462
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

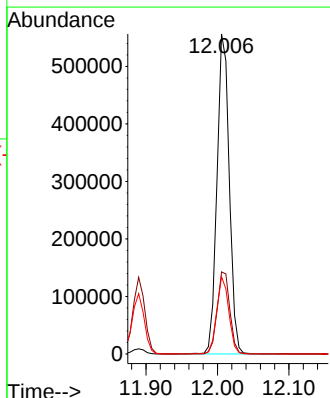
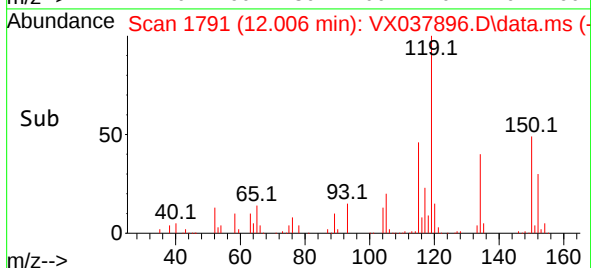
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023

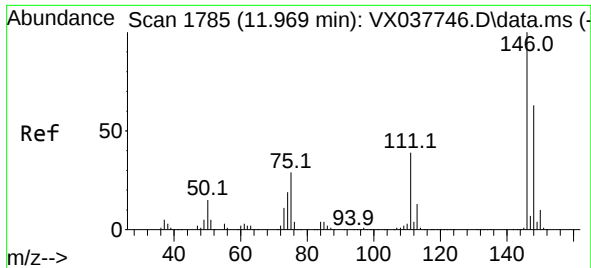


#86
 p-Isopropyltoluene
 Concen: 47.220 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.007 min
 Lab File: VX037896.D
 Acq: 25 Sep 2023 15:51



Tgt Ion:119 Resp: 663557
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.785 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 344086

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

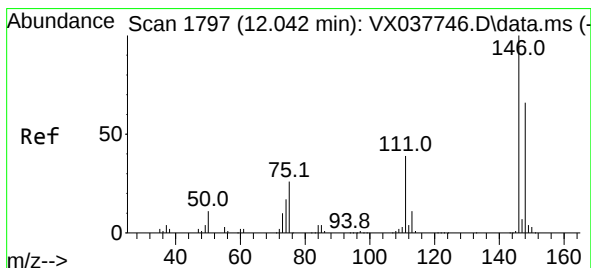
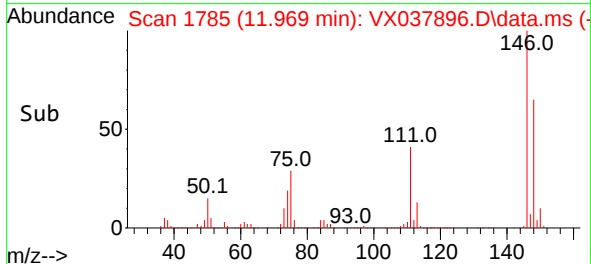
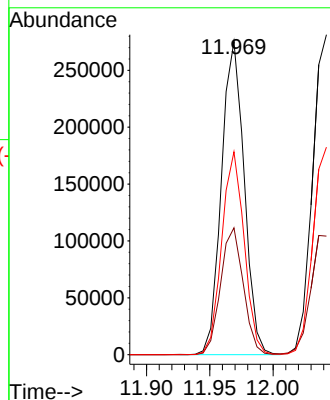
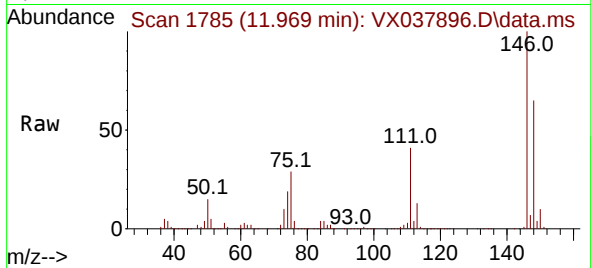
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#88

1,4-Dichlorobenzene

Concen: 45.587 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

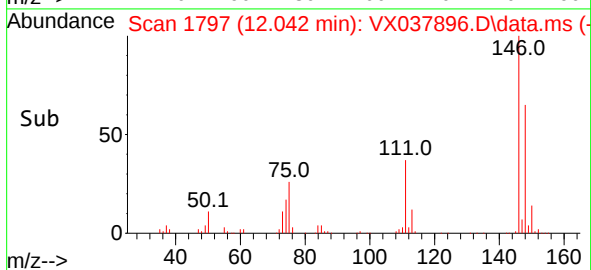
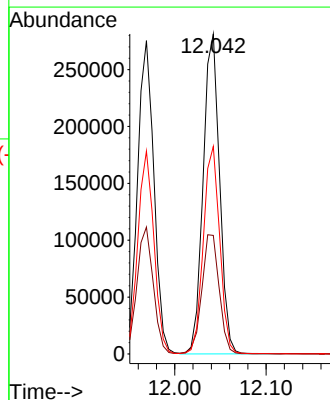
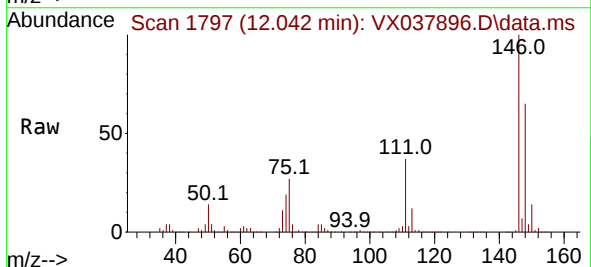
Tgt Ion:146 Resp: 350580

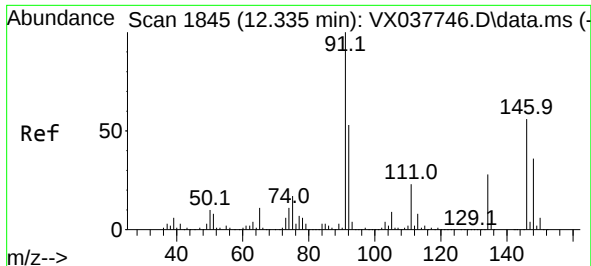
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.672 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 623790

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

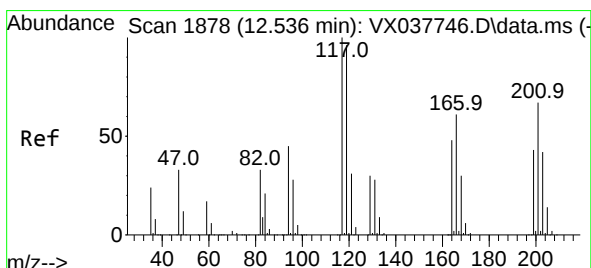
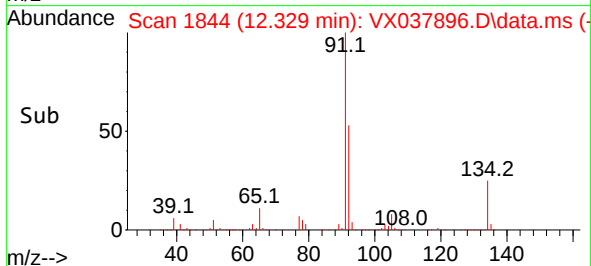
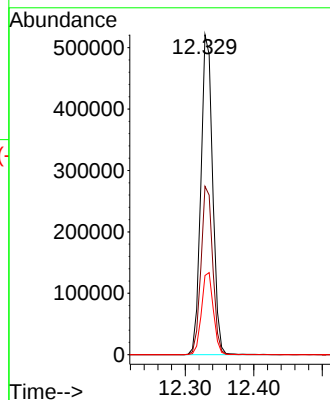
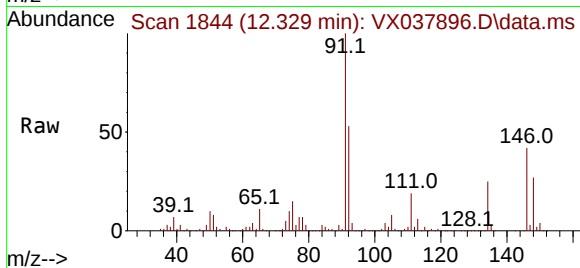
134 25.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#90

Hexachloroethane

Concen: 46.954 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037896.D

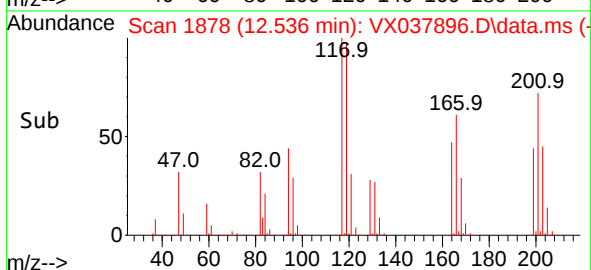
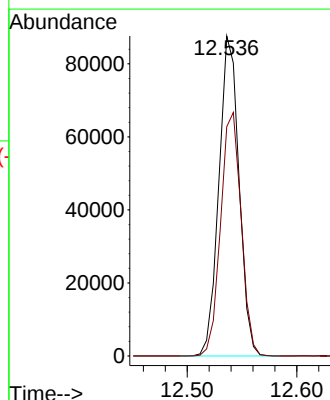
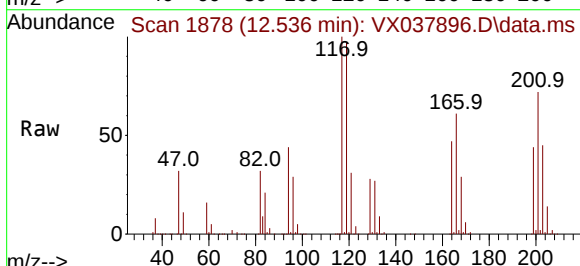
Acq: 25 Sep 2023 15:51

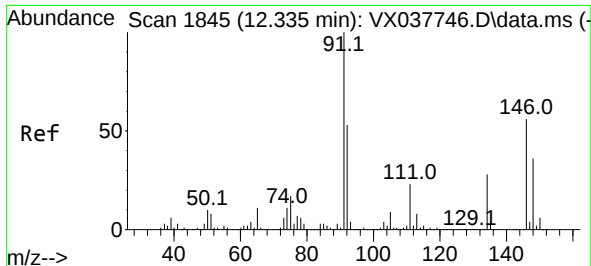
Tgt Ion:117 Resp: 111794

Ion Ratio Lower Upper

117 100

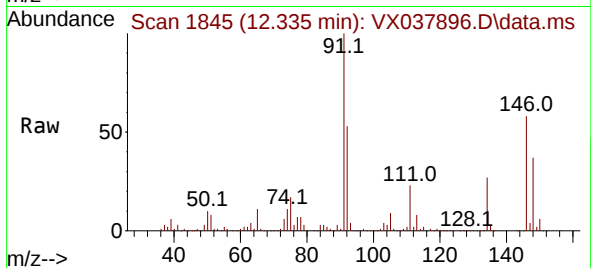
201 77.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 44.788 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

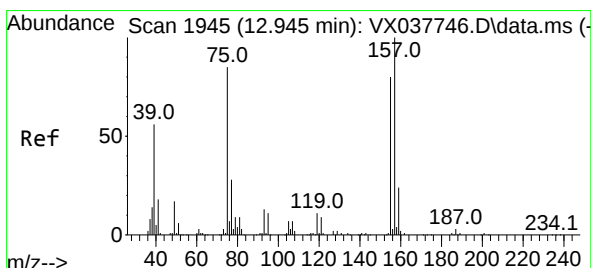
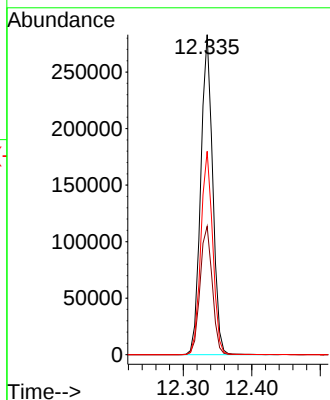
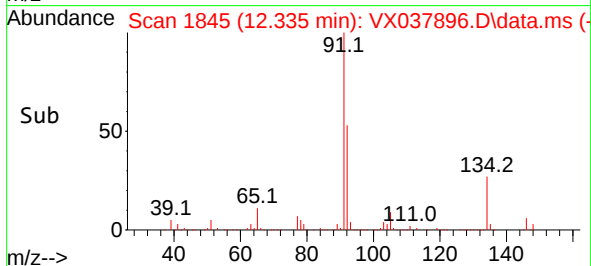
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 34365
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 63.2 31.6 95.0

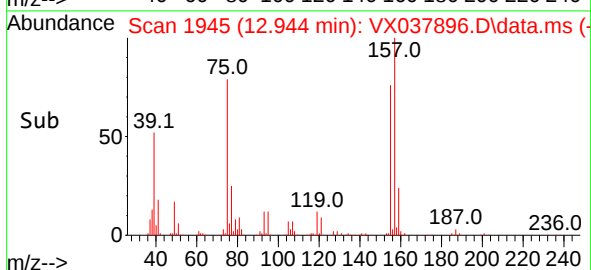
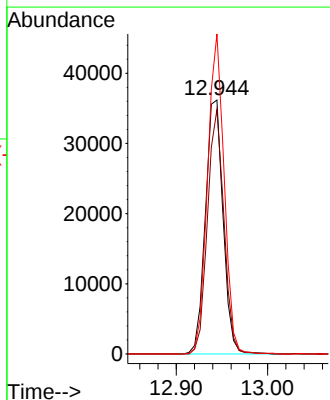
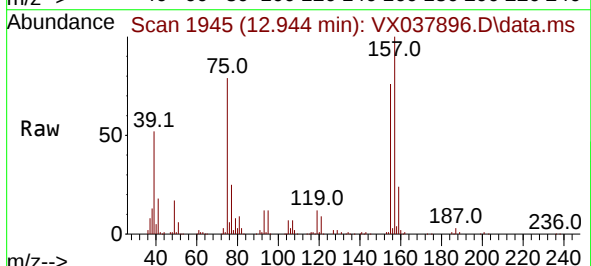
Manual Integrations
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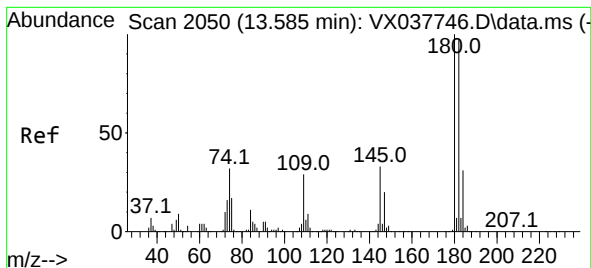
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.339 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

Tgt Ion: 75 Resp: 48347
Ion Ratio Lower Upper
75 100
155 90.0 36.1 108.5
157 118.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.197 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.007 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

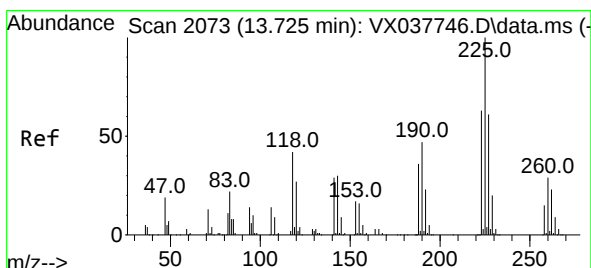
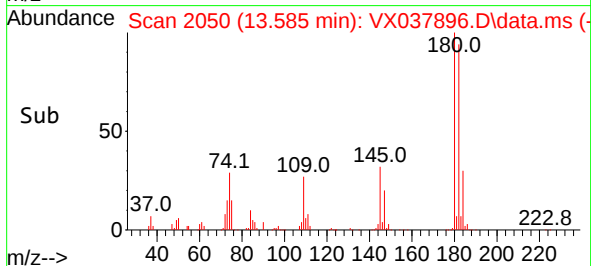
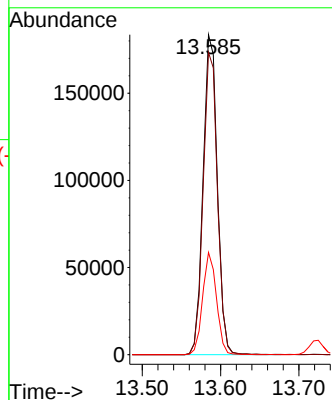
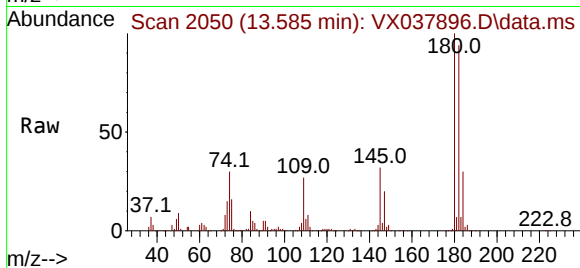
Tgt Ion:180	Resp: 23139
Ion Ratio	Lower Upper
180	100
182	94.8 48.3 144.8
145	31.1 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#94

Hexachlorobutadiene

Concen: 49.515 ug/l

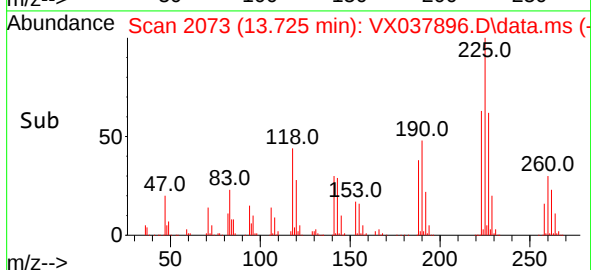
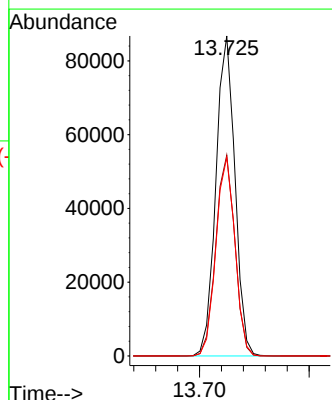
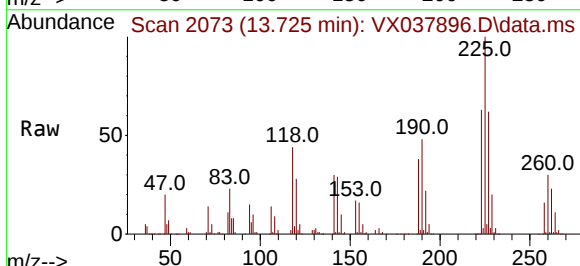
RT: 13.725 min Scan# 2073

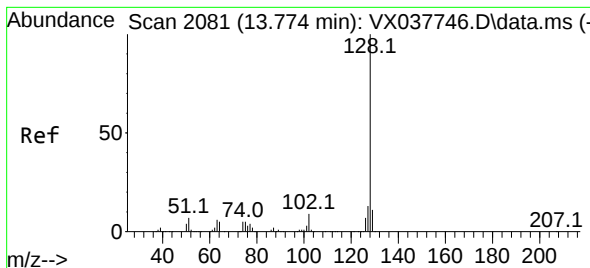
Delta R.T. -0.000 min

Lab File: VX037896.D

Acq: 25 Sep 2023 15:51

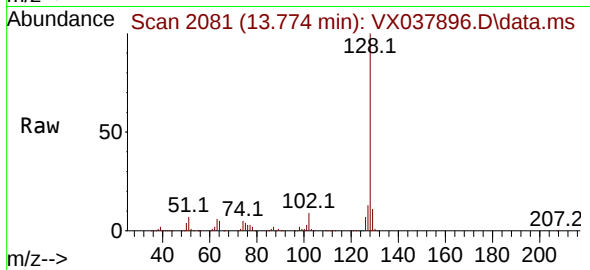
Tgt Ion:225	Resp: 104510
Ion Ratio	Lower Upper
225	100
223	62.9 31.1 93.2
227	62.1 32.5 97.5





#95
Naphthalene
Concen: 46.111 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.007 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51

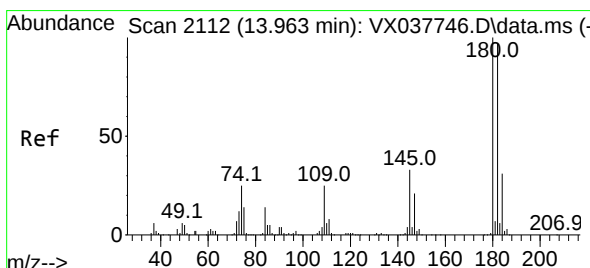
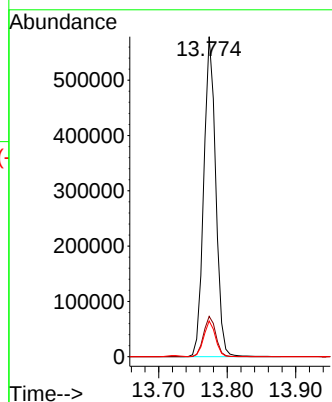
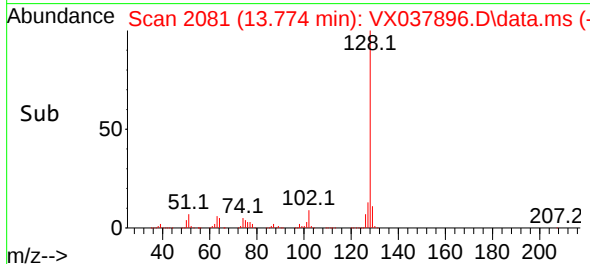
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



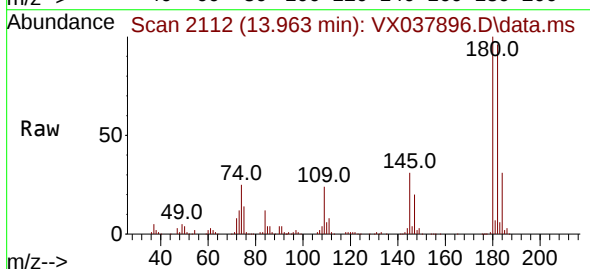
Tgt Ion:128 Resp: 704840
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.180 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037896.D
Acq: 25 Sep 2023 15:51



Tgt Ion:180 Resp: 224100
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 32.6 17.8 53.5

