

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038322.D
 Acq On : 17 Oct 2023 12:22
 Operator : JC/MD
 Sample : VX1017MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:55:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94149	47.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.385	113	74891	49.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	8.647	98	283438	49.264	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	110167	50.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23827	19.919	ug/l	98
3) Chloromethane	1.301	50	26404	21.657	ug/l	100
4) Vinyl Chloride	1.374	62	34751	25.707	ug/l	99
5) Bromomethane	1.605	94	30921	16.851	ug/l	94
6) Chloroethane	1.685	64	24243	24.969	ug/l	98
7) Trichlorofluoromethane	1.886	101	64220	24.052	ug/l	97
8) Diethyl Ether	2.130	74	22939	23.036	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	25551	21.920	ug/l	96
10) Methyl Iodide	2.453	142	34411	20.518	ug/l	93
11) Tert butyl alcohol	2.953	59	41373	86.786	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	23880	21.061	ug/l	90
13) Acrolein	2.233	56	25244	89.085	ug/l	99
14) Allyl chloride	2.660	41	38250	18.860	ug/l	94
15) Acrylonitrile	3.063	53	91590	100.969	ug/l	98
16) Acetone	2.374	43	90639	108.954	ug/l	92
17) Carbon Disulfide	2.514	76	61234	18.738	ug/l	98
18) Methyl Acetate	2.703	43	74825	20.974	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	88788	19.662	ug/l	96
20) Methylene Chloride	2.788	84	29453	18.822	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	28286	20.149	ug/l	92
22) Diisopropyl ether	3.757	45	83432	19.629	ug/l	97
23) Vinyl Acetate	3.721	43	308534	98.982	ug/l	97
24) 1,1-Dichloroethane	3.611	63	50473	19.567	ug/l	99
25) 2-Butanone	4.550	43	136252	101.510	ug/l	91
26) 2,2-Dichloropropane	4.477	77	37620	18.680	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	32702	19.559	ug/l	92
28) Bromochloromethane	4.898	49	21975	18.871	ug/l	87
29) Tetrahydrofuran	5.001	42	86773	99.295	ug/l	89
30) Chloroform	5.099	83	57507	20.387	ug/l	98
31) Cyclohexane	5.477	56	41108	19.035	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	48078	19.899	ug/l	99
36) 1,1-Dichloropropene	5.690	75	40553	19.532	ug/l	97
37) Ethyl Acetate	4.709	43	48746	19.768	ug/l	97
38) Carbon Tetrachloride	5.678	117	41267	20.204	ug/l	96
39) Methylcyclohexane	7.379	83	49170	20.218	ug/l	93
40) Benzene	6.038	78	119710	20.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25120	20.478	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	48479	20.894	ug/l	100
43) Isopropyl Acetate	6.336	43	71814	19.509	ug/l	98
44) Trichloroethene	7.123	130	32419	21.344	ug/l	96
45) 1,2-Dichloropropane	7.428	63	31174	20.741	ug/l	98
46) Dibromomethane	7.580	93	25138	21.564	ug/l	97
47) Bromodichloromethane	7.818	83	43046	20.757	ug/l	94
48) Methyl methacrylate	7.696	41	35594	20.255	ug/l #	83
49) 1,4-Dioxane	7.659	88	17669	408.024	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	270557	106.557	ug/l	97
52) Toluene	8.720	92	82411	21.785	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	44554	20.015	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	48949	20.930	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	36223	22.387	ug/l	95
56) Ethyl methacrylate	9.116	69	50861	20.502	ug/l	92
57) 1,3-Dichloropropane	9.305	76	56225	21.485	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	114252	93.824	ug/l	99
59) 2-Hexanone	9.427	43	222459	108.983	ug/l	96
60) Dibromochloromethane	9.519	129	33428	21.109	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37866	21.641	ug/l	98
64) Tetrachloroethene	9.275	164	28417	20.968	ug/l	98
65) Chlorobenzene	10.080	112	89990	20.542	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	31623	21.347	ug/l	100
67) Ethyl Benzene	10.195	91	161144	20.608	ug/l	98
68) m/p-Xylenes	10.299	106	124690	41.240	ug/l	99
69) o-Xylene	10.640	106	59570	20.187	ug/l	100
70) Styrene	10.653	104	99561	20.717	ug/l	97
71) Bromoform	10.799	173	24494	19.666	ug/l #	98
73) Isopropylbenzene	10.964	105	161375	20.167	ug/l	99
74) N-amyl acetate	10.842	43	64314	18.821	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	61406	20.913	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	60200m	22.193	ug/l	
77) Bromobenzene	11.195	156	40161	20.557	ug/l	90
78) n-propylbenzene	11.305	91	194302	19.858	ug/l	99
79) 2-Chlorotoluene	11.366	91	112704	19.423	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	137771	19.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14250	18.136	ug/l	99
82) 4-Chlorotoluene	11.457	91	133983	19.513	ug/l	97
83) tert-Butylbenzene	11.713	119	133201	19.746	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	139060	20.203	ug/l	99
85) sec-Butylbenzene	11.890	105	174400	19.958	ug/l	100
86) p-Isopropyltoluene	12.012	119	146061	20.259	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	77633	19.784	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	79664	19.886	ug/l	99
89) n-Butylbenzene	12.335	91	136722	19.042	ug/l	96
90) Hexachloroethane	12.536	117	22887	19.147	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	76589	20.306	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13949	19.648	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	48899	19.329	ug/l	98
94) Hexachlorobutadiene	13.725	225	21161	20.783	ug/l	98
95) Naphthalene	13.774	128	165717	18.810	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48184	19.671	ug/l	97

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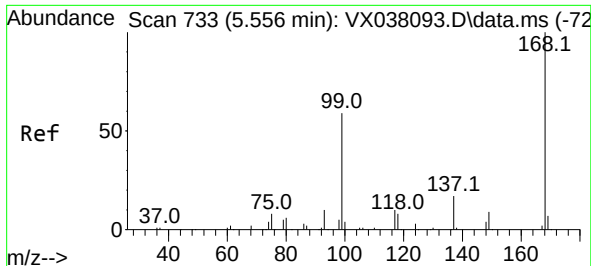
Manual Integrations
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Response via : Initial Calibration

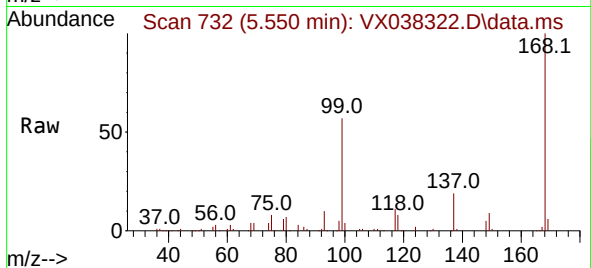
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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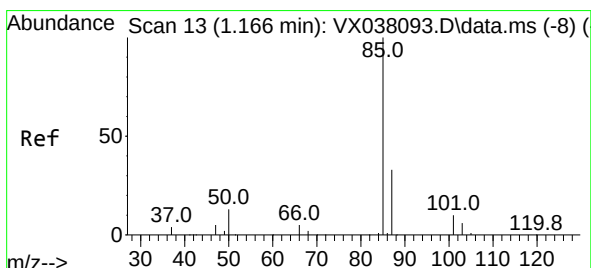
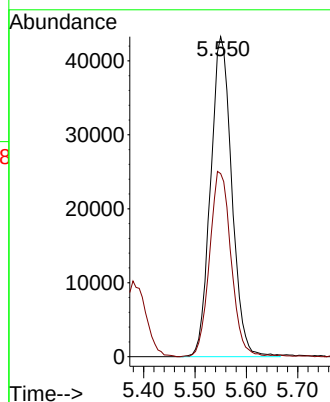
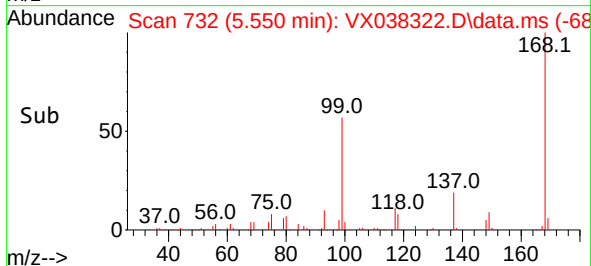
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion:168 Resp: 123928
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0

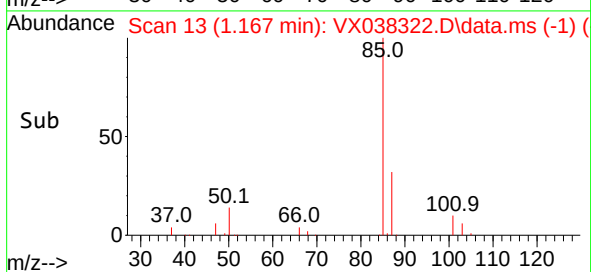
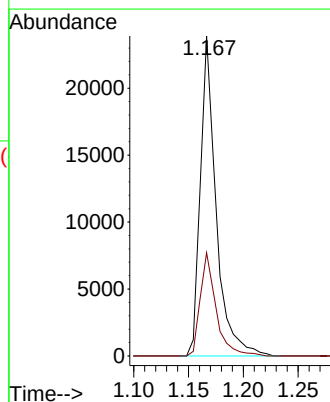
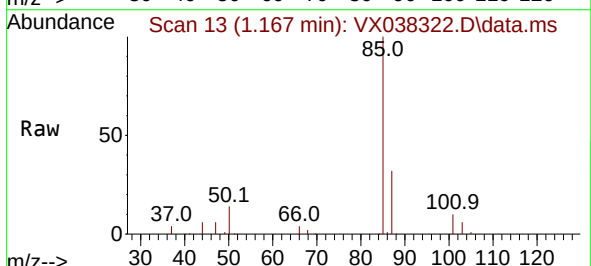
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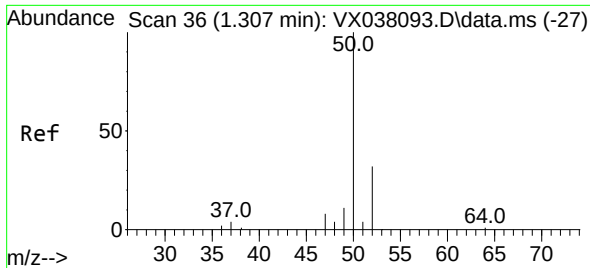
Reviewed By :John Carlone 10/18/2023
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#2
Dichlorodifluoromethane
Concen: 19.919 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 85 Resp: 23827
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





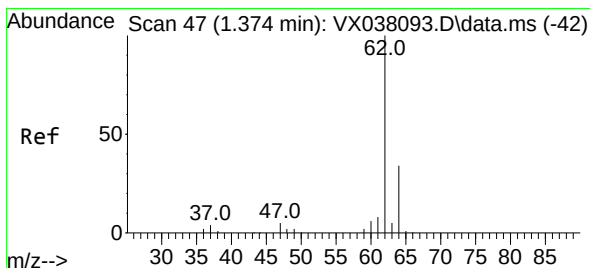
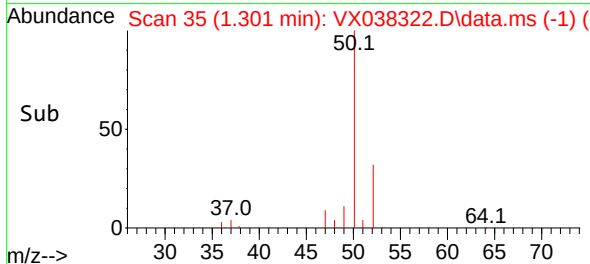
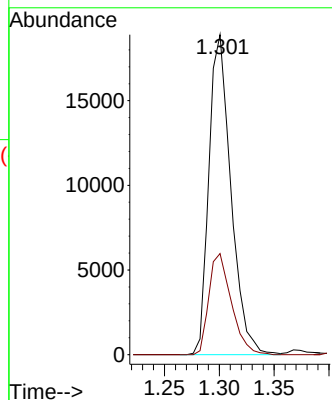
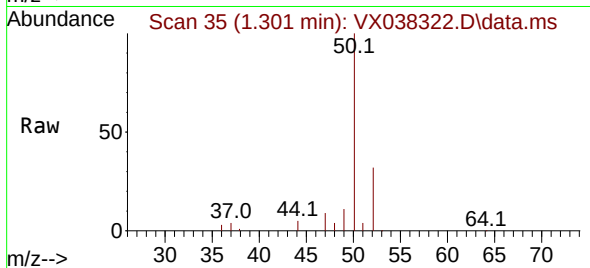
#3
Chloromethane
Concen: 21.657 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

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Tgt Ion: 50 Resp: 26404
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

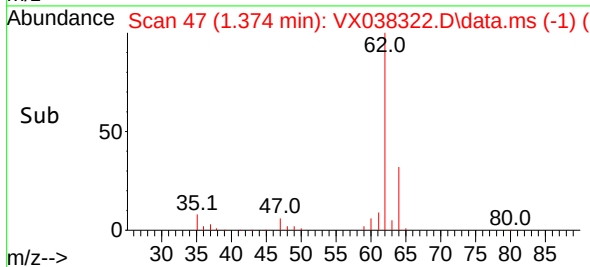
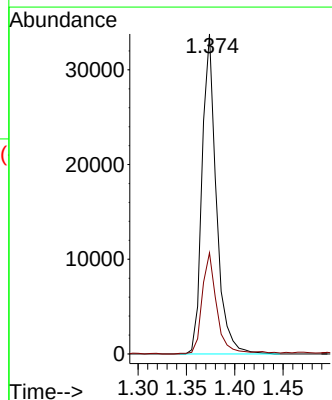
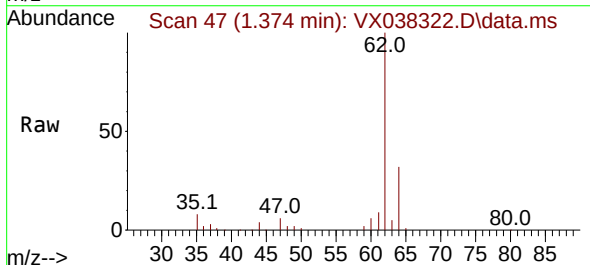
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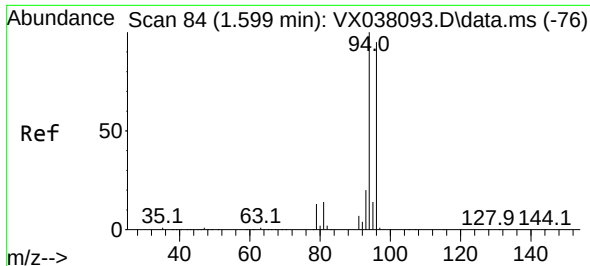
Reviewed By :John Carlone 10/18/2023
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#4
Vinyl Chloride
Concen: 25.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

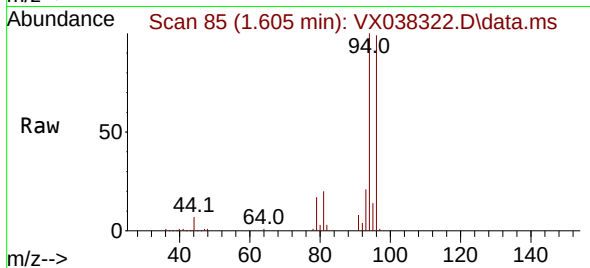
Tgt Ion: 62 Resp: 34751
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 16.851 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

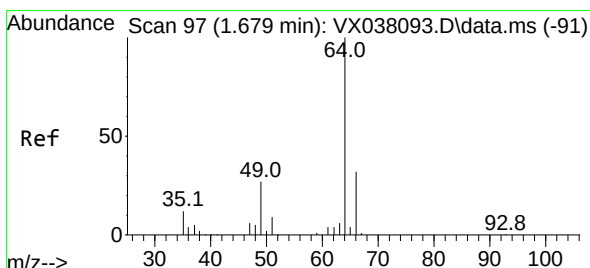
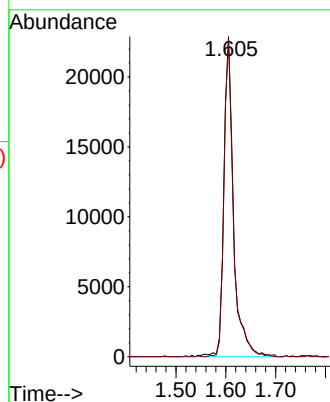
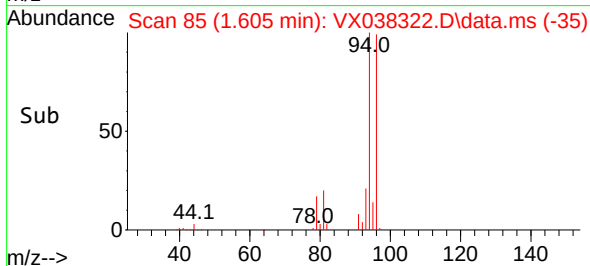
Instrument :
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Tgt Ion: 94 Resp: 3092
Ion Ratio Lower Upper
94 100
96 99.4 74.6 111.8

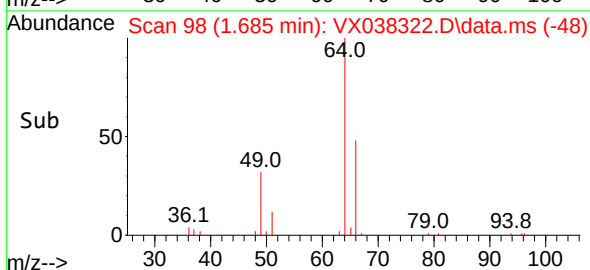
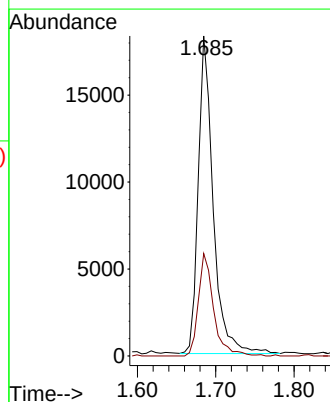
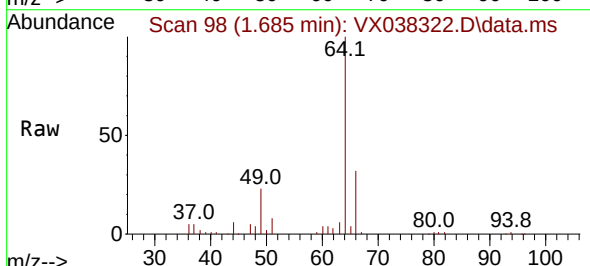
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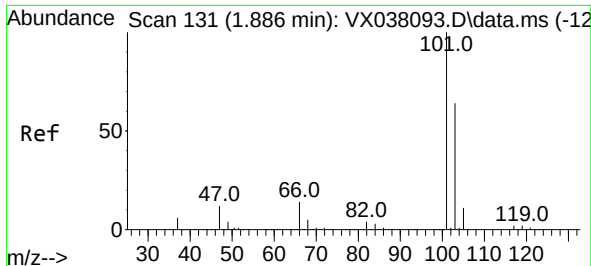
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 24.969 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

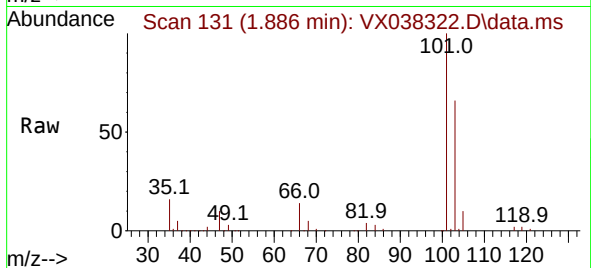
Tgt Ion: 64 Resp: 24243
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 24.052 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038322.D
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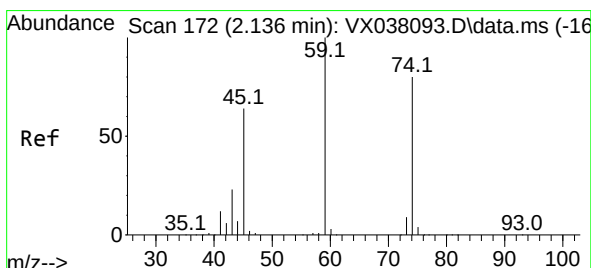
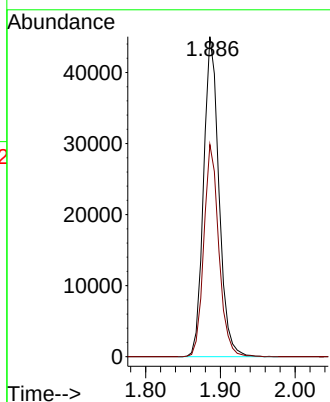
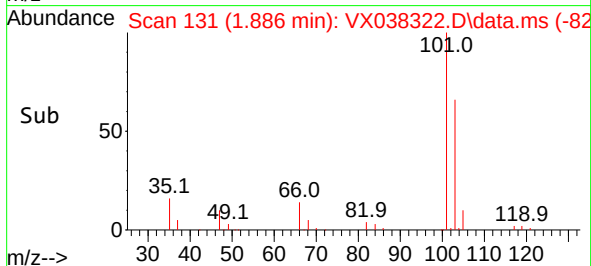
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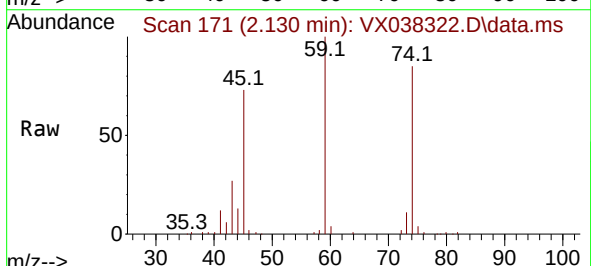
Tgt Ion:101 Resp: 64220
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

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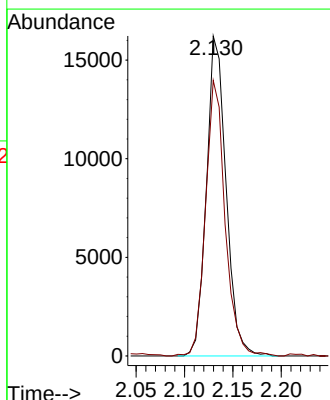
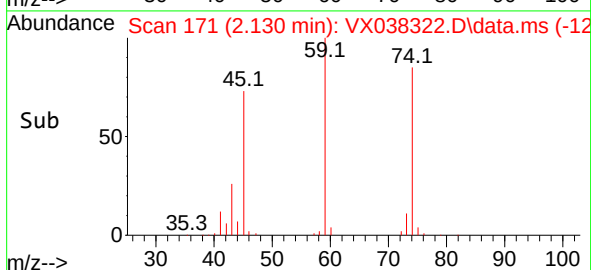
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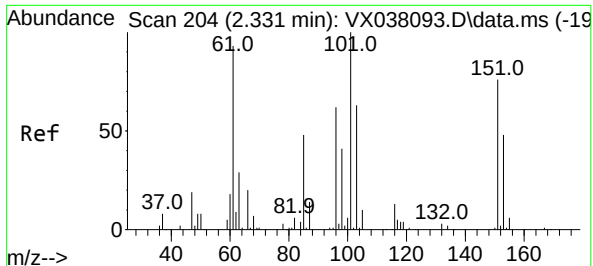


#8
Diethyl Ether
Concen: 23.036 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 22939
Ion Ratio Lower Upper
74 100
45 85.8 53.3 159.8





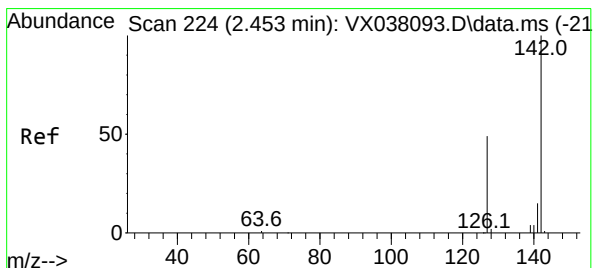
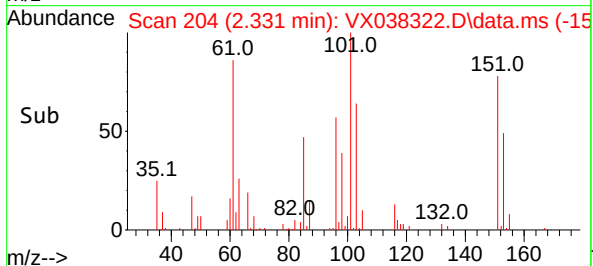
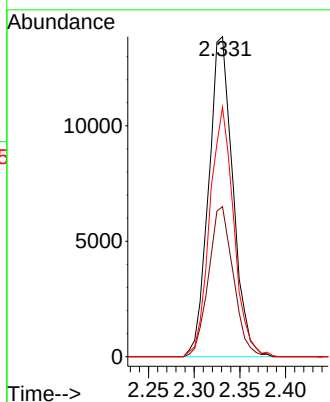
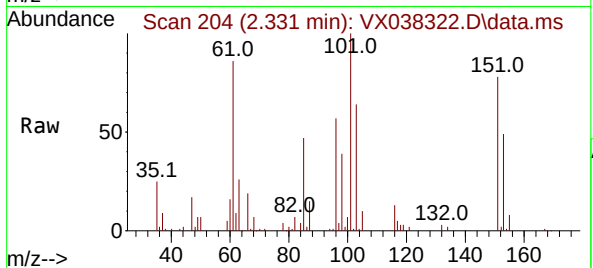
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.920 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion:101 Resp: 2555
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 77.3 58.6 87.8

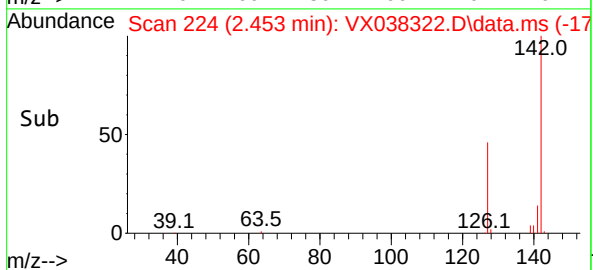
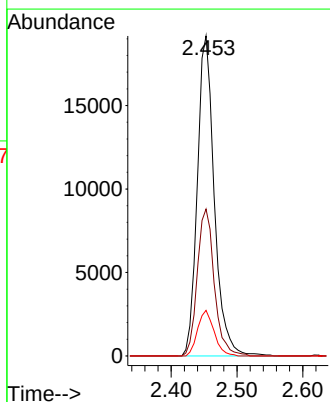
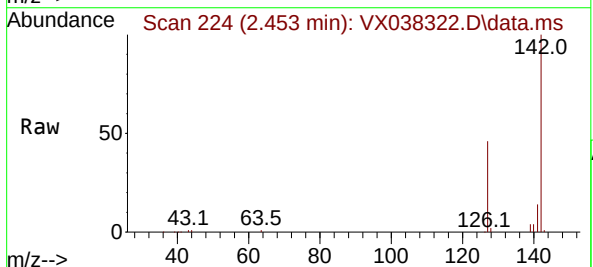
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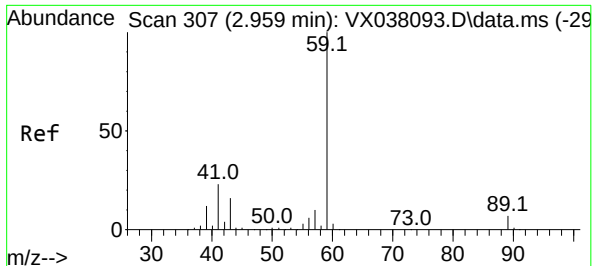
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 20.518 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion:142 Resp: 34411
Ion Ratio Lower Upper
142 100
127 45.9 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 86.786 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 59 Resp: 4137

Ion Ratio Lower Upper

59 100

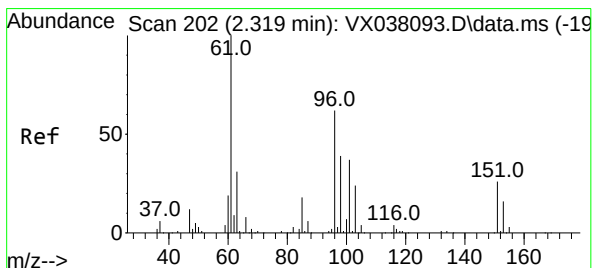
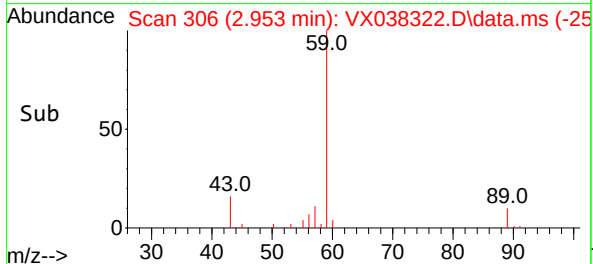
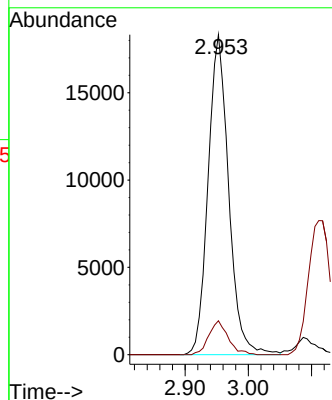
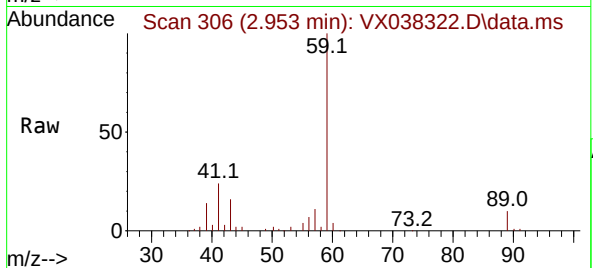
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 21.061 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

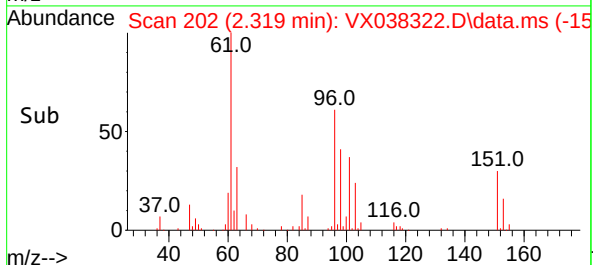
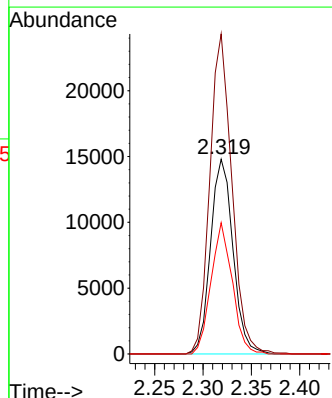
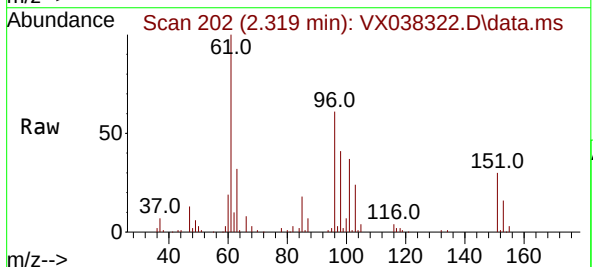
Tgt Ion: 96 Resp: 23880

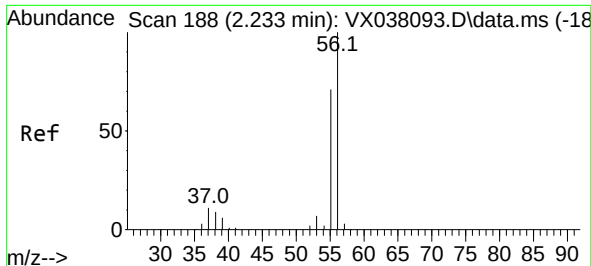
Ion Ratio Lower Upper

96 100

61 164.3 144.6 216.8

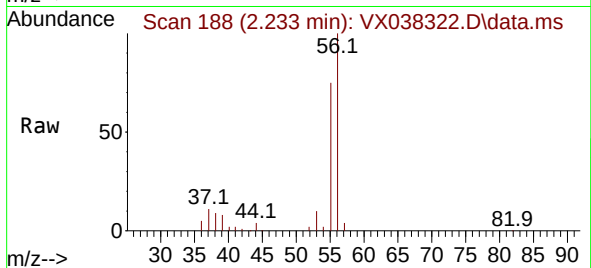
98 67.4 50.4 75.6





#13
Acrolein
Concen: 89.085 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

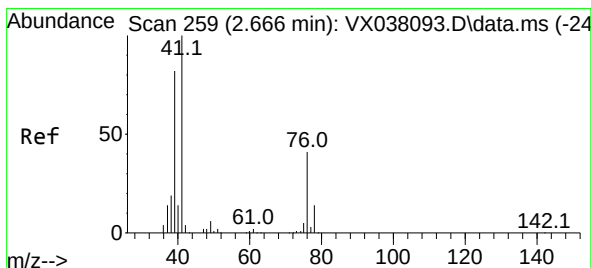
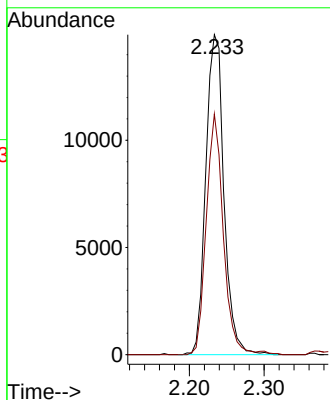
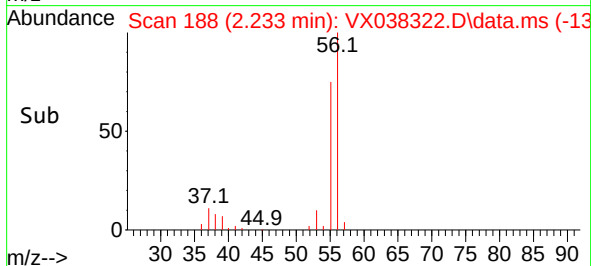
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 56 Resp: 25244
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

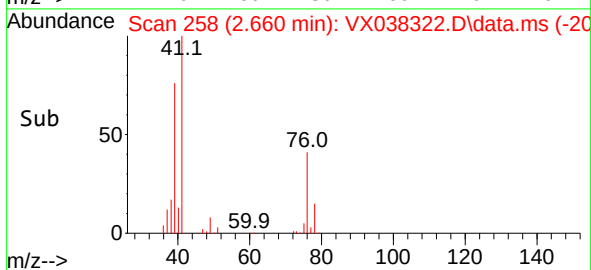
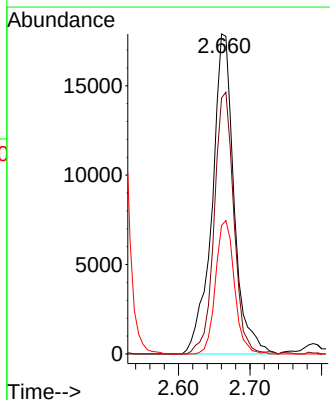
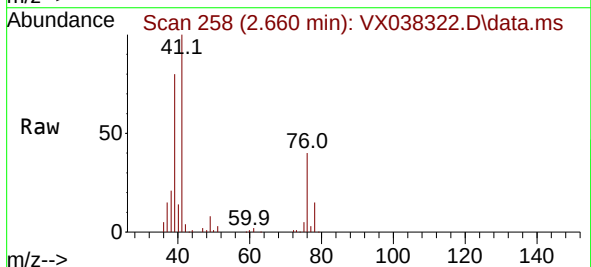
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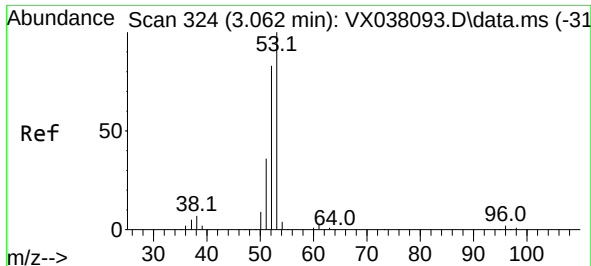
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 18.860 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 41 Resp: 38250
Ion Ratio Lower Upper
41 100
39 73.0 55.8 83.6
76 35.6 24.3 36.5





#15

Acrylonitrile

Concen: 100.969 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 53 Resp: 91590

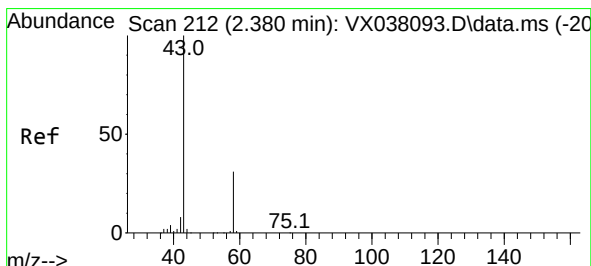
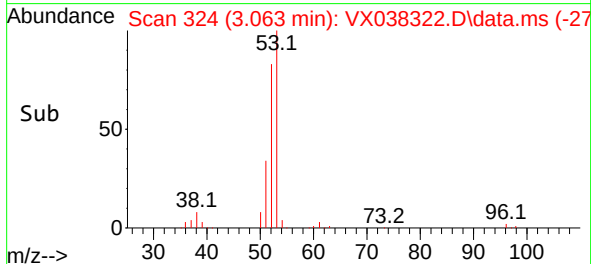
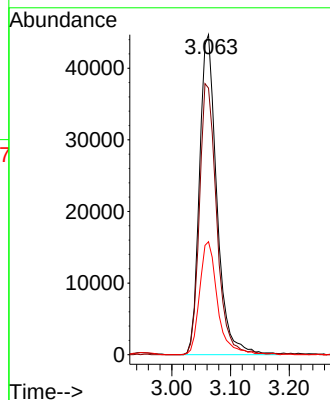
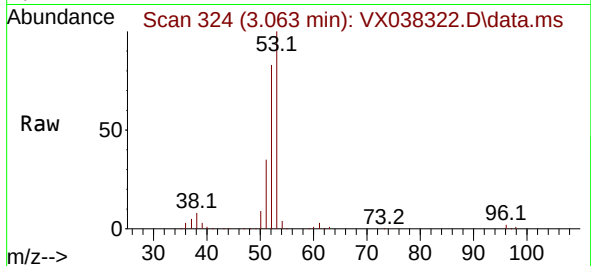
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.0	99.0
51	36.6	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#16

Acetone

Concen: 108.954 ug/l

RT: 2.374 min Scan# 211

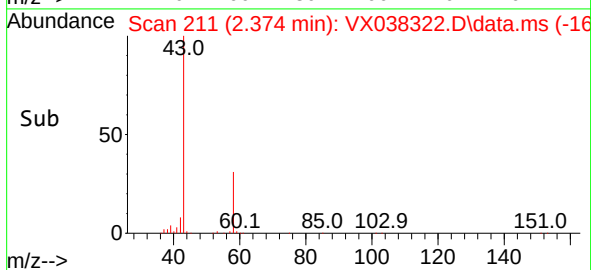
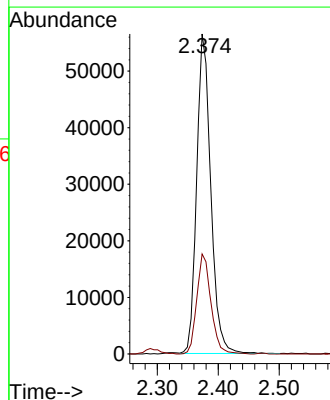
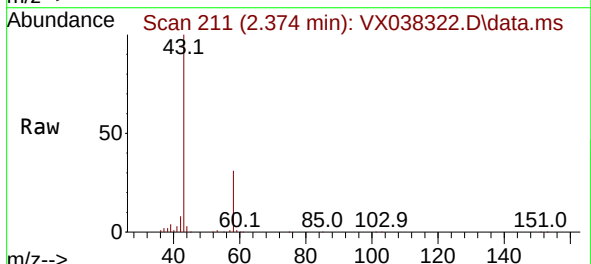
Delta R.T. -0.006 min

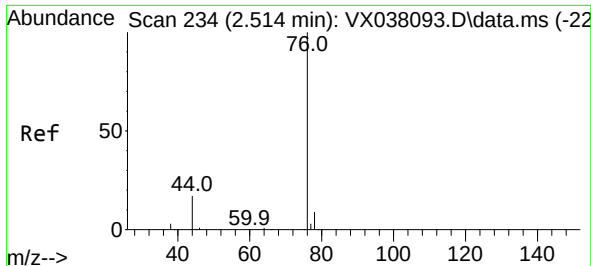
Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Tgt Ion: 43 Resp: 90639

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.9	32.9





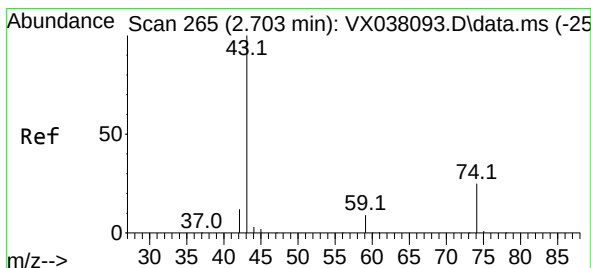
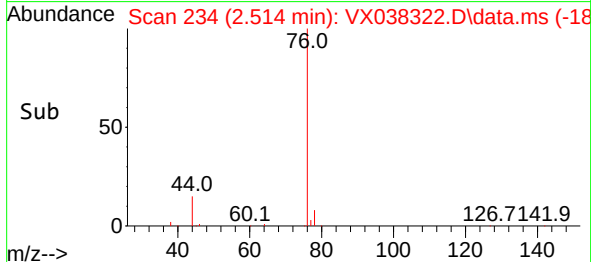
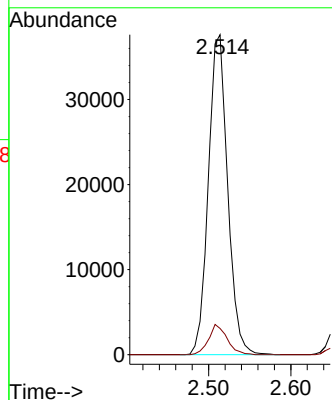
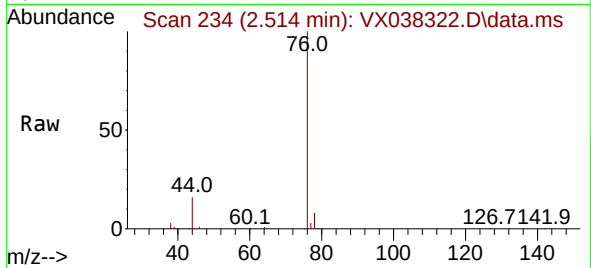
#17
Carbon Disulfide
Concen: 18.738 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 76 Resp: 61234
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

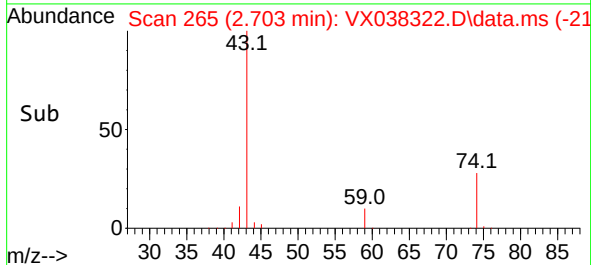
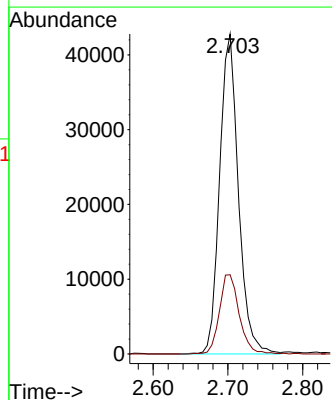
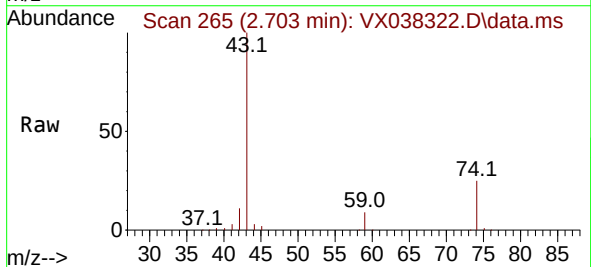
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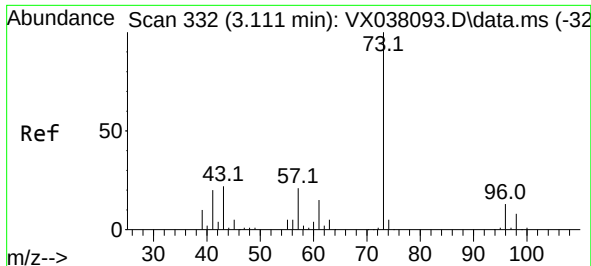
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 20.974 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 43 Resp: 74825
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8





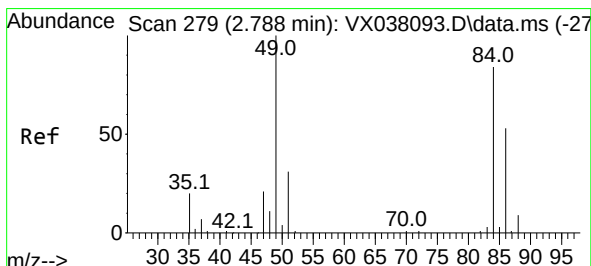
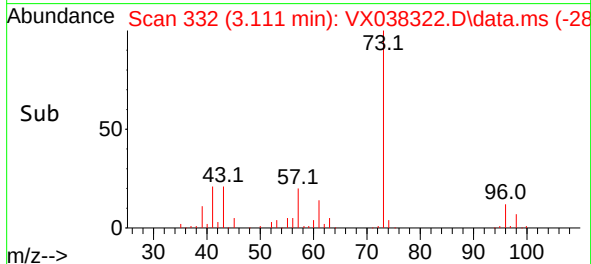
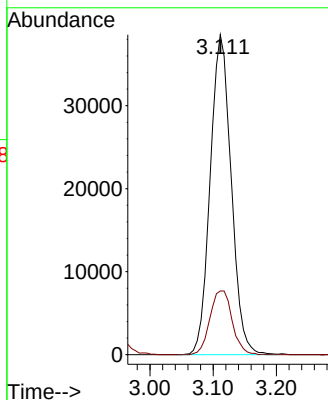
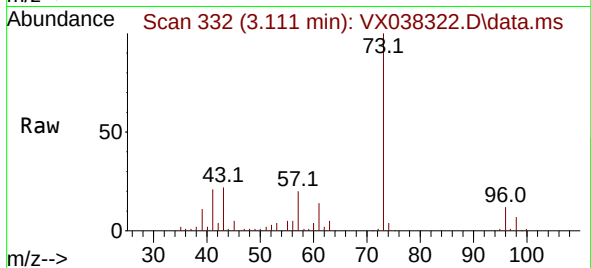
#19
Methyl tert-butyl Ether
Concen: 19.662 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 73 Resp: 88788
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

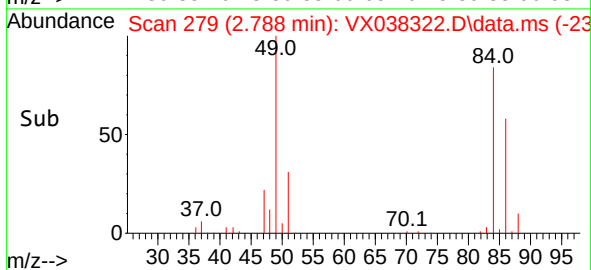
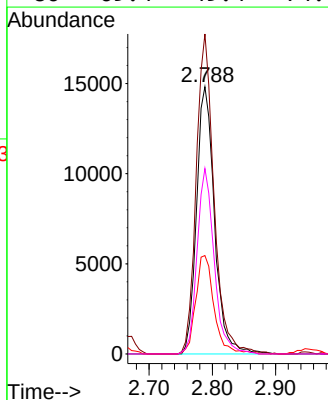
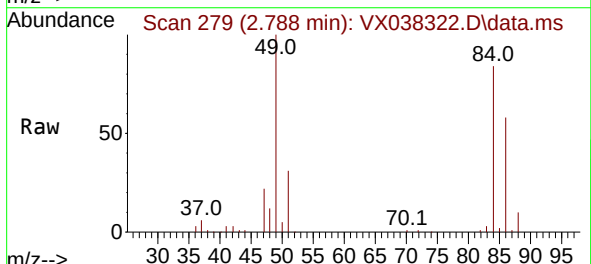
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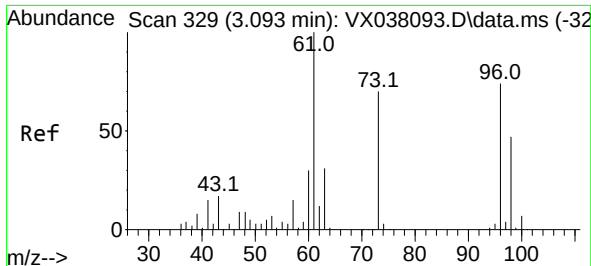
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 18.822 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

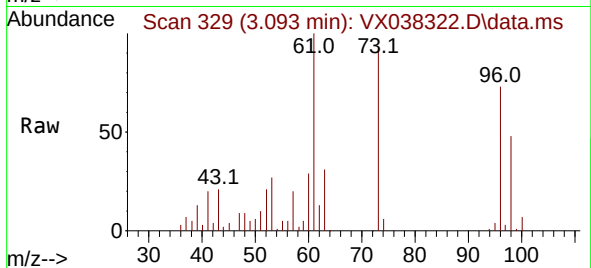
Tgt Ion: 84 Resp: 29453
Ion Ratio Lower Upper
84 100
49 119.8 103.6 155.4
51 36.8 33.8 50.6
86 69.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.149 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

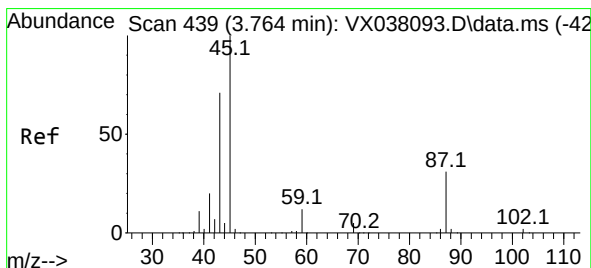
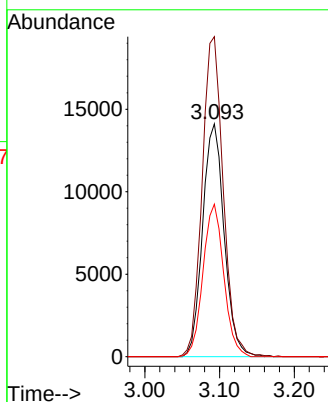
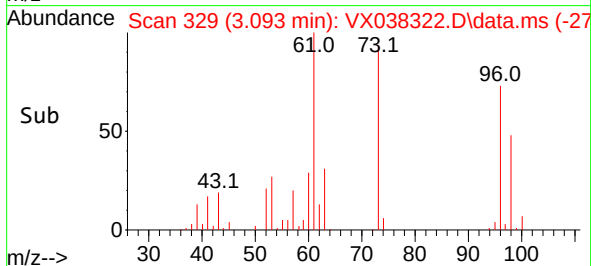
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01



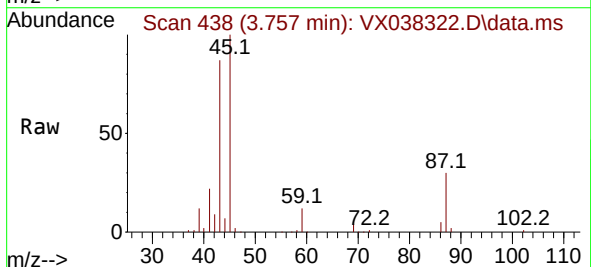
Tgt Ion: 96 Resp: 28280
Ion Ratio Lower Upper
96 100
61 137.5 119.2 178.8
98 65.5 48.7 73.1

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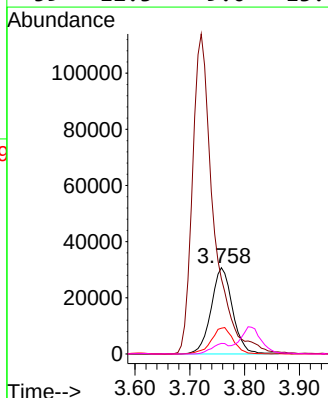
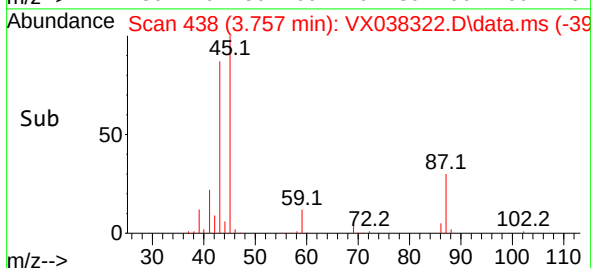
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

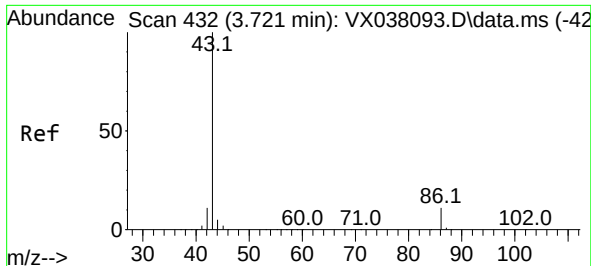


#22
Diisopropyl ether
Concen: 19.629 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22



Tgt Ion: 45 Resp: 83432
Ion Ratio Lower Upper
45 100
43 85.5 69.7 104.5
87 29.9 20.8 31.2
59 12.3 9.0 13.4





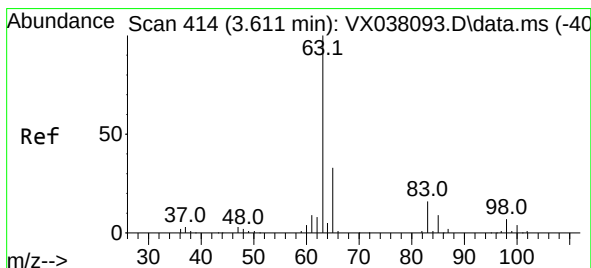
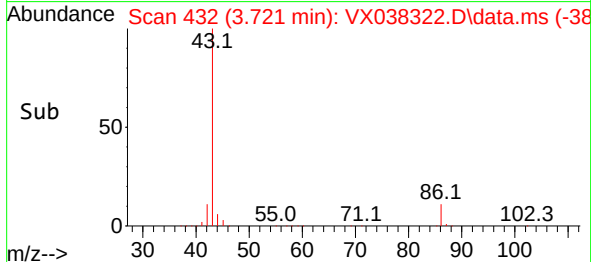
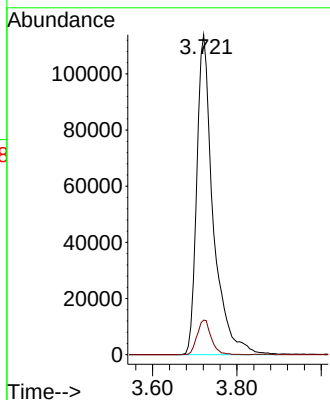
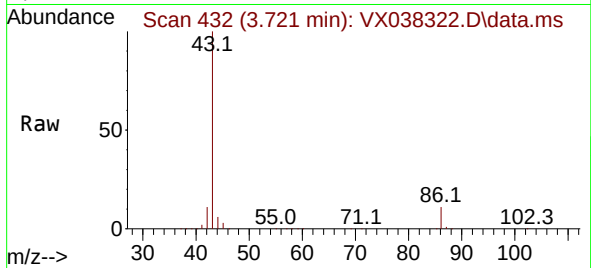
#23
 Vinyl Acetate
 Concen: 98.982 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBSD01

Tgt Ion: 43 Resp: 308534
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

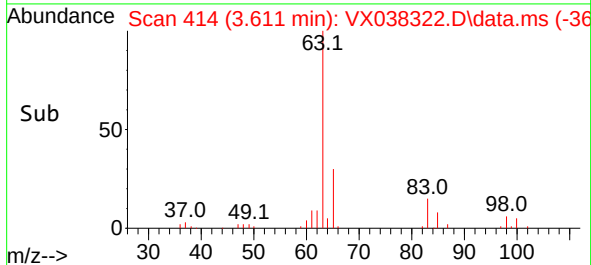
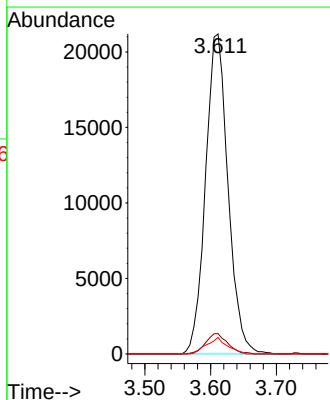
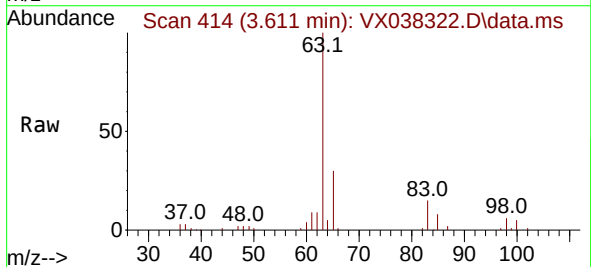
Manual Integrations
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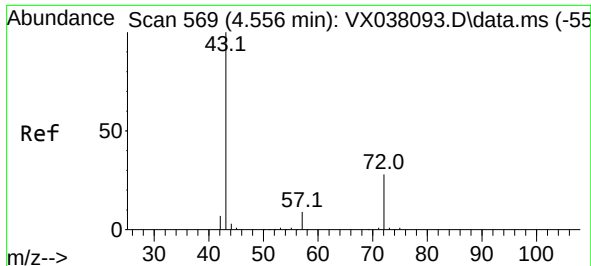
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.567 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22

Tgt Ion: 63 Resp: 50473
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 5.1 2.1 6.5





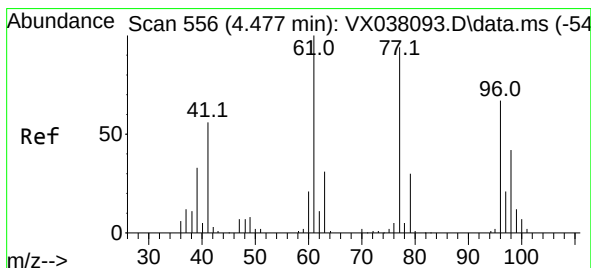
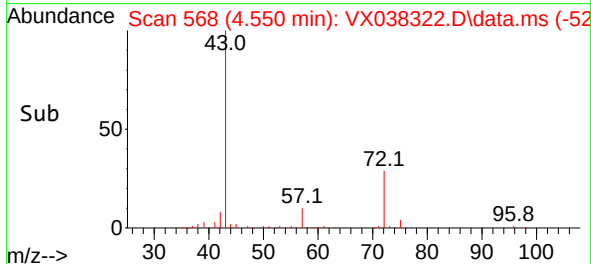
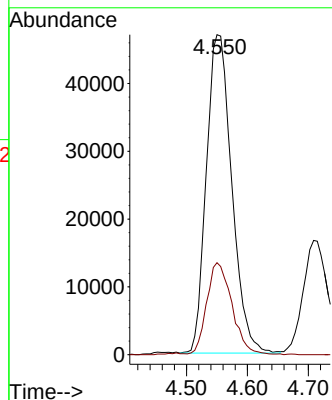
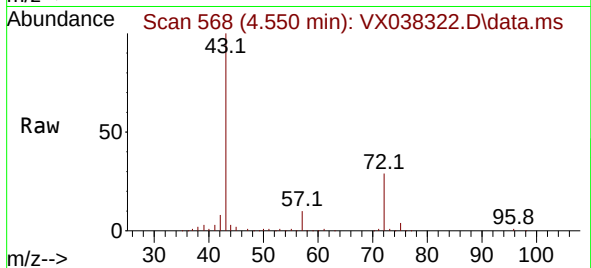
#25
2-Butanone
Concen: 101.510 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 43 Resp: 13625
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

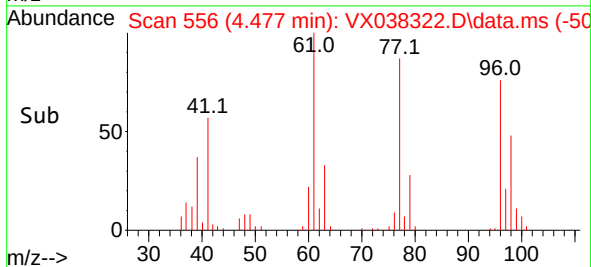
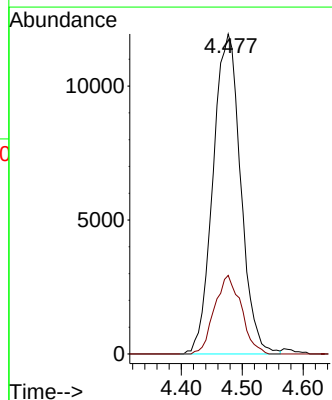
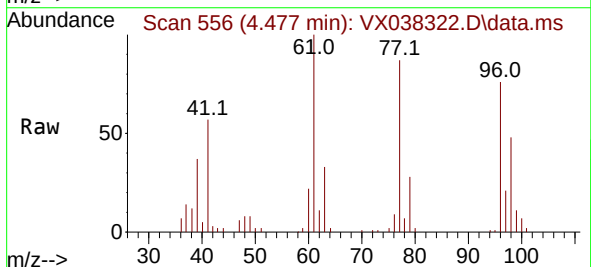
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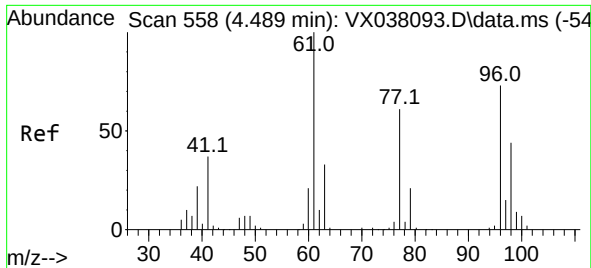
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 18.680 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

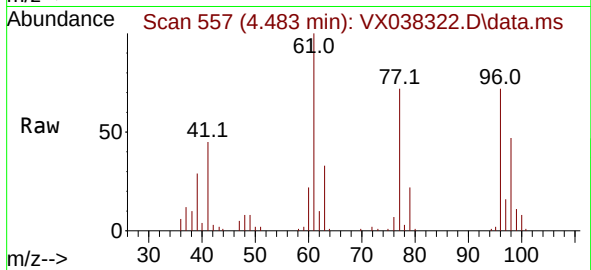
Tgt Ion: 77 Resp: 37620
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.559 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22

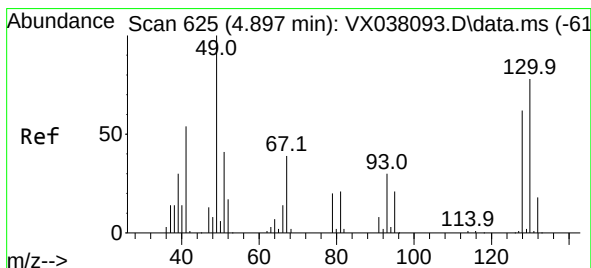
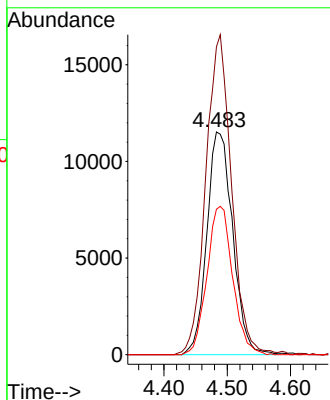
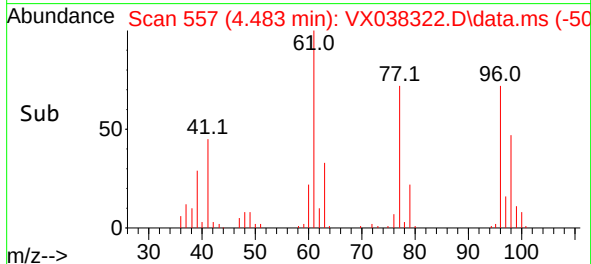
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBSD01



Tgt Ion: 96 Resp: 3270
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 312.2
 98 66.2 0.0 129.0

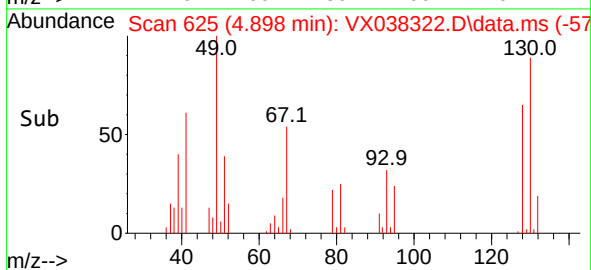
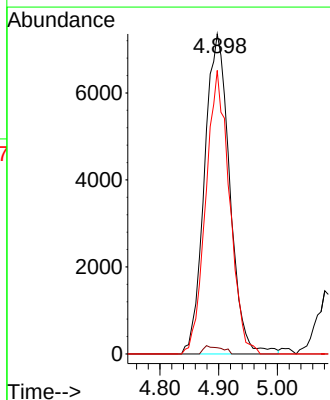
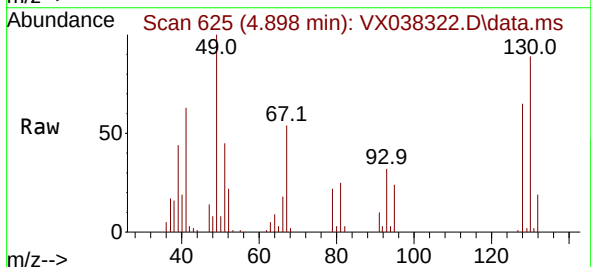
Manual Integrations
 APPROVED

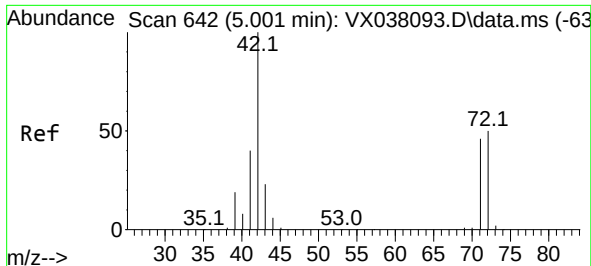
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 18.871 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22

Tgt Ion: 49 Resp: 21975
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 83.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 99.295 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 42 Resp: 8677

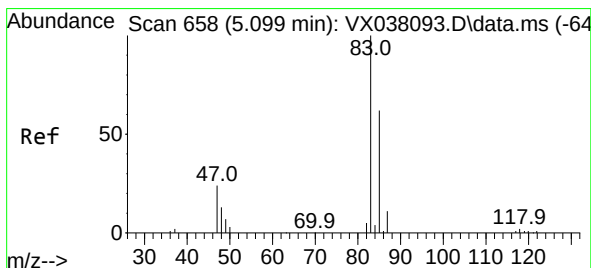
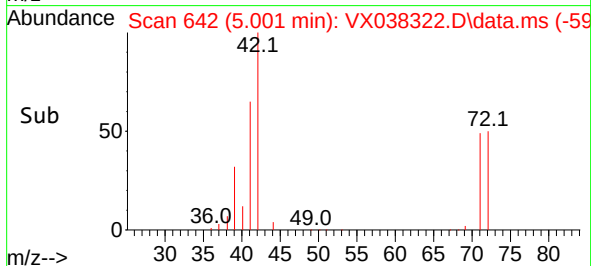
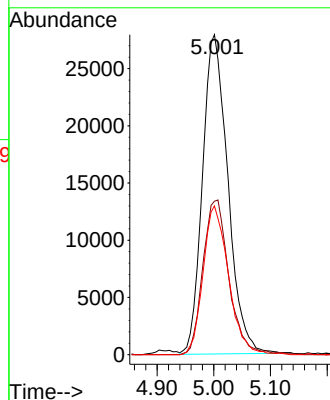
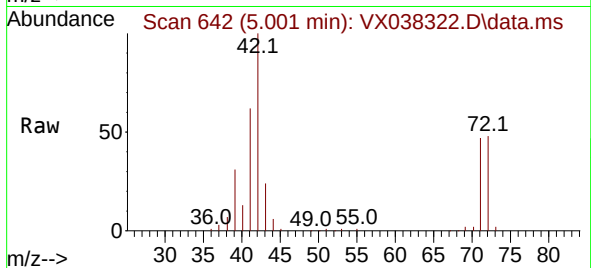
Ion	Ratio	Lower	Upper
42	100		
72	49.5	34.2	51.4
71	46.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 20.387 ug/l

RT: 5.099 min Scan# 658

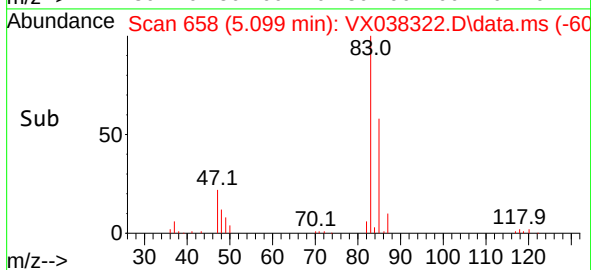
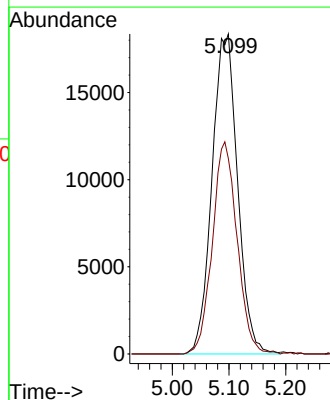
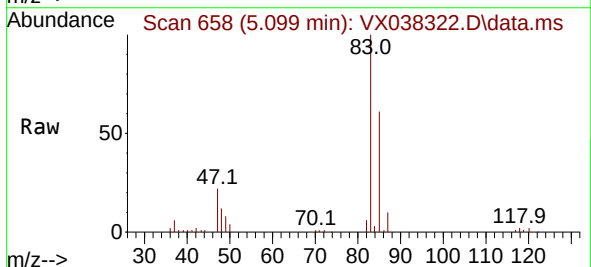
Delta R.T. 0.006 min

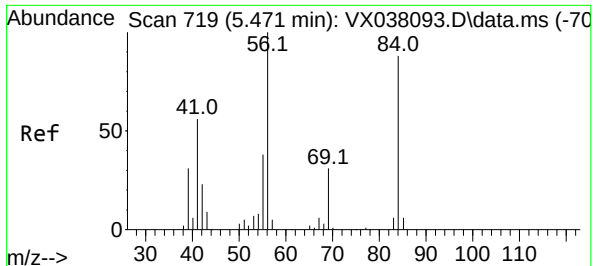
Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Tgt Ion: 83 Resp: 57507

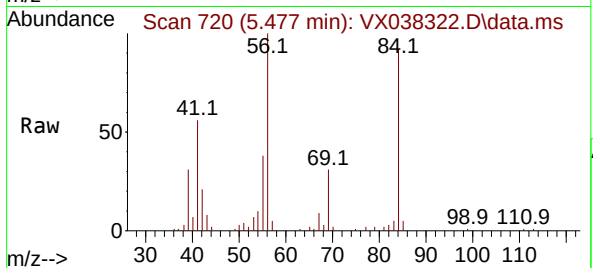
Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.3	75.5





#31
Cyclohexane
Concen: 19.035 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

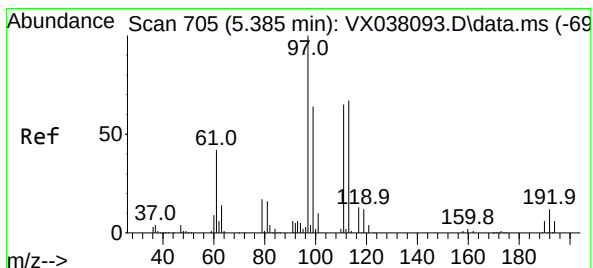
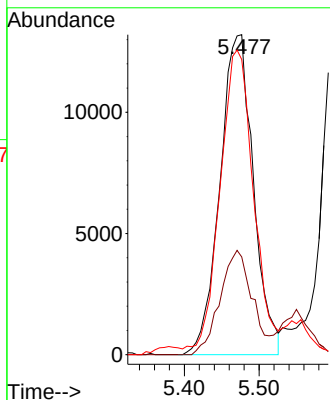
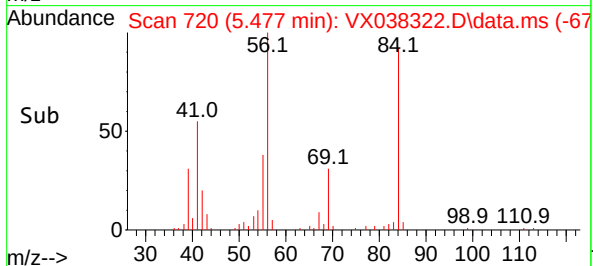
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 56 Resp: 41108
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 90.1 65.9 98.9

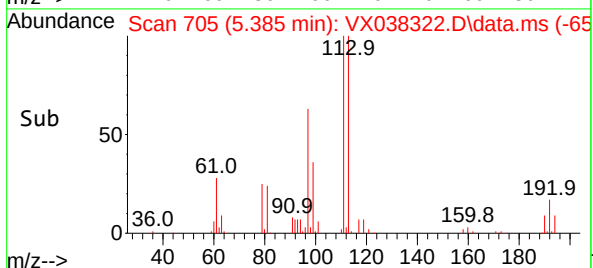
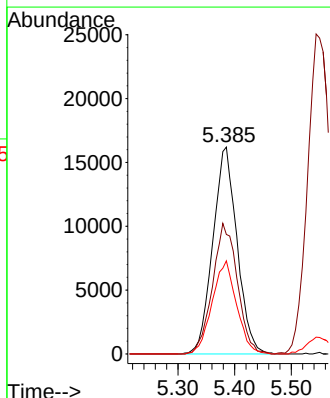
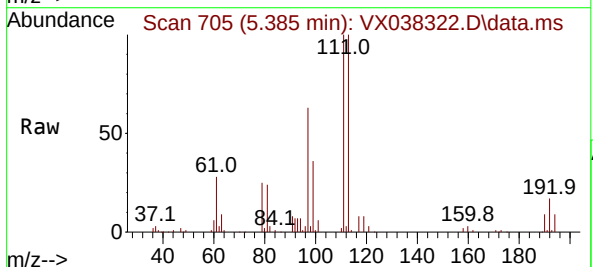
Manual Integrations
APPROVED

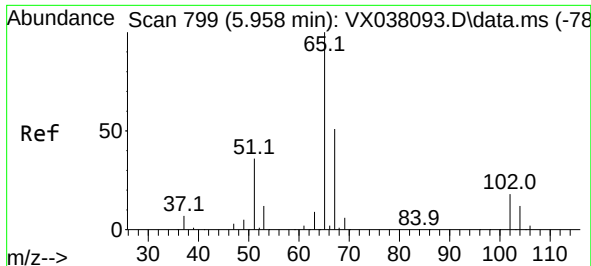
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 97 Resp: 48078
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.4 36.4 54.6





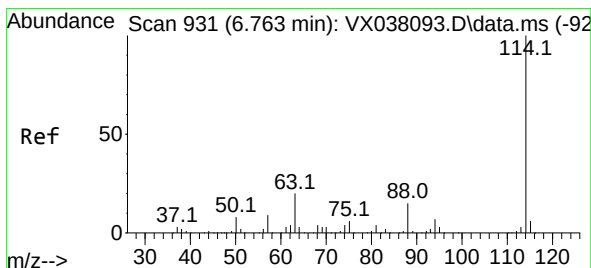
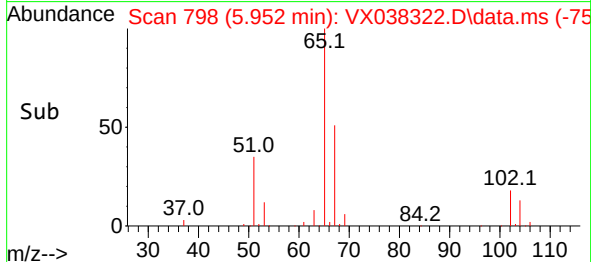
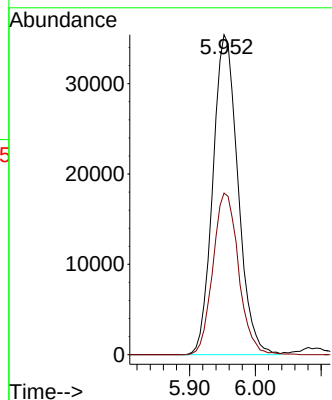
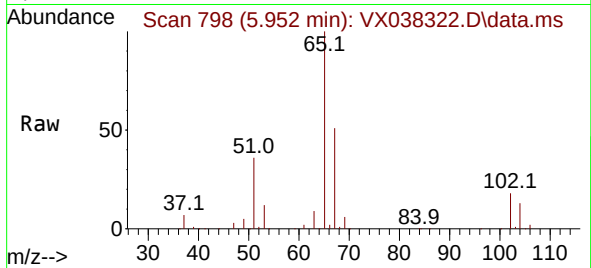
#33
1,2-Dichloroethane-d4
Concen: 47.233 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 65 Resp: 94149
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

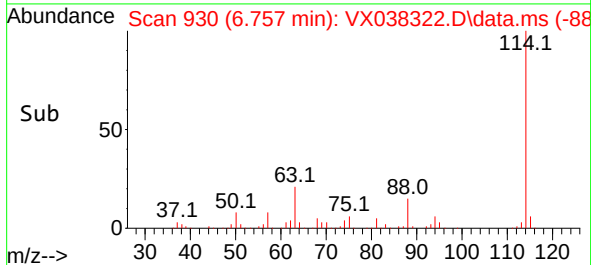
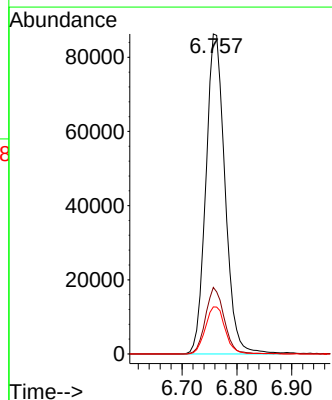
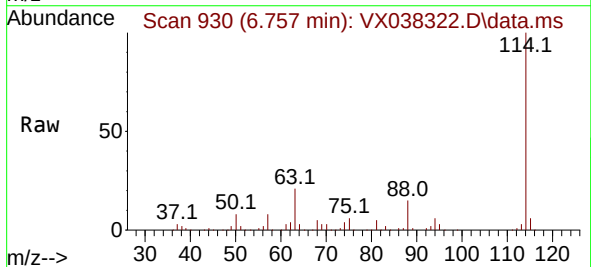
Manual Integrations
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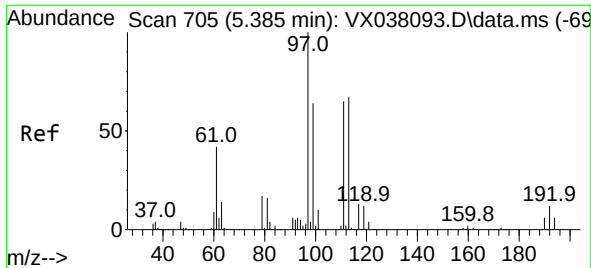
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

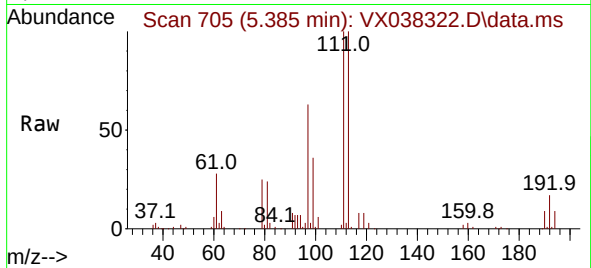
Tgt Ion:114 Resp: 208955
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 14.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

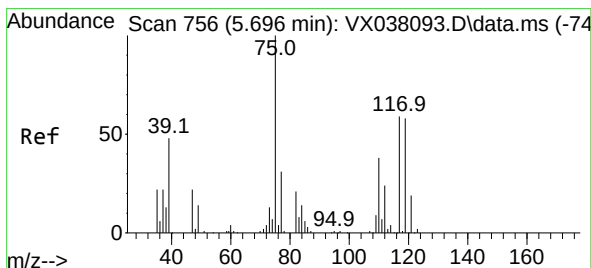
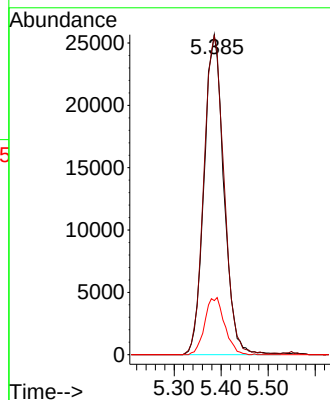
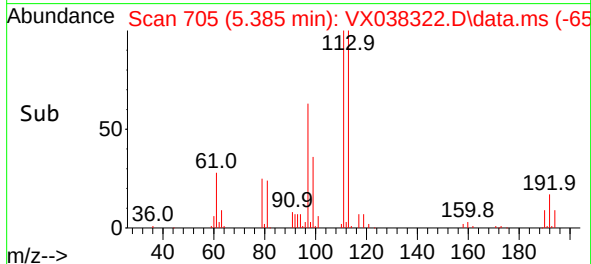
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 113 Resp: 7489
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.9 13.3 19.9

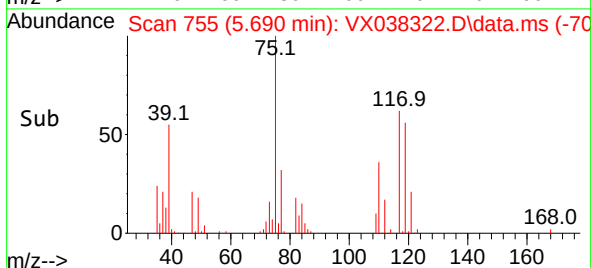
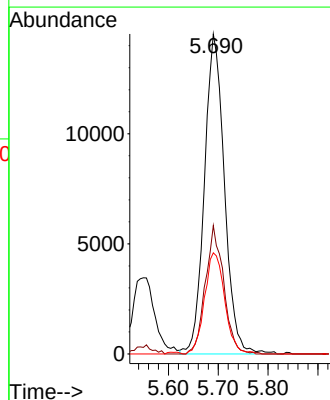
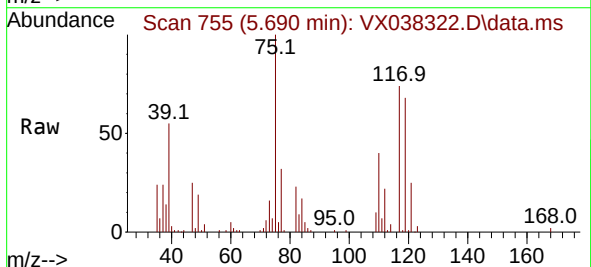
Manual Integrations
APPROVED

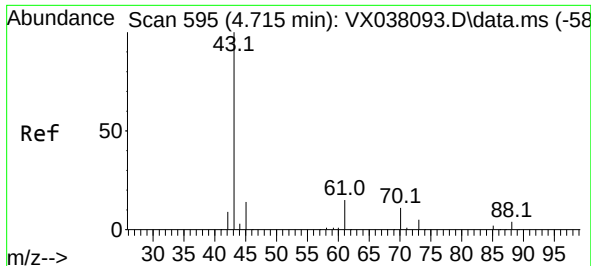
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.532 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 75 Resp: 40553
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 19.768 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038322.D

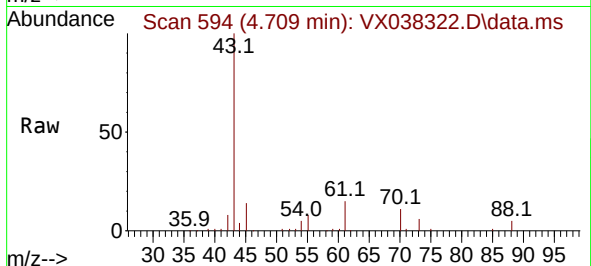
Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01



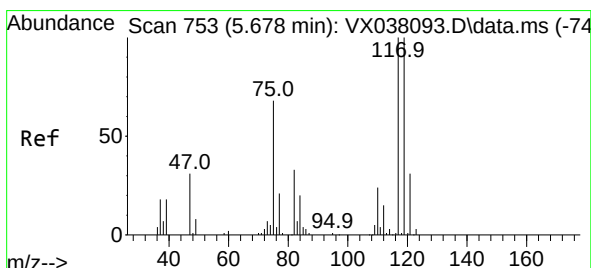
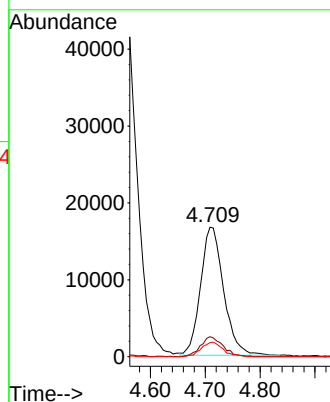
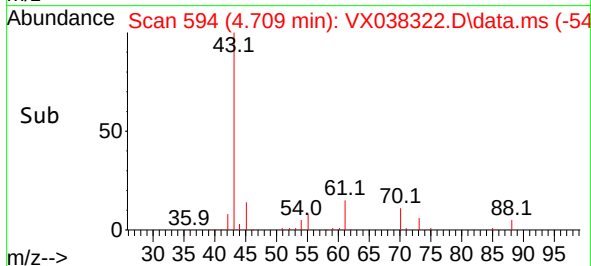
Tgt Ion:	43	Resp:	48740
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.6	16.0
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 20.204 ug/l

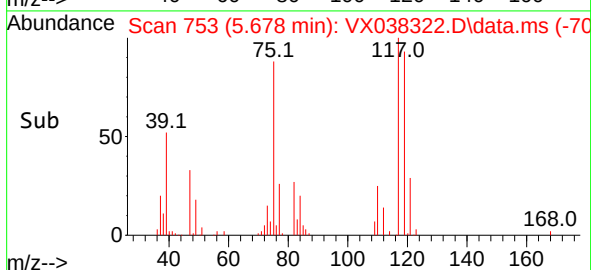
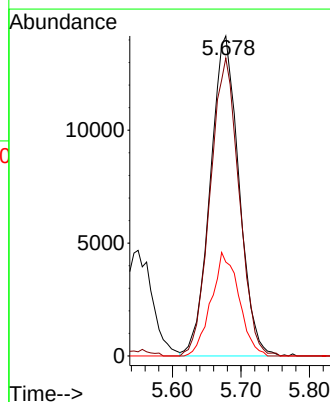
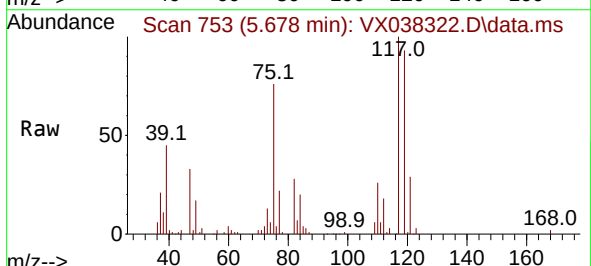
RT: 5.678 min Scan# 753

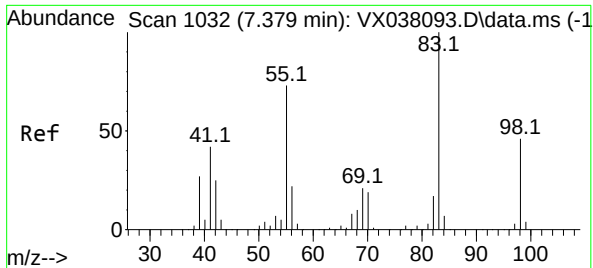
Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

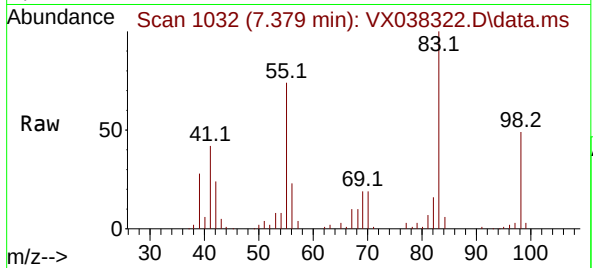
Tgt Ion:	117	Resp:	41267
Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.2	117.2
121	29.3	24.4	36.6





#39
Methylcyclohexane
Concen: 20.218 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

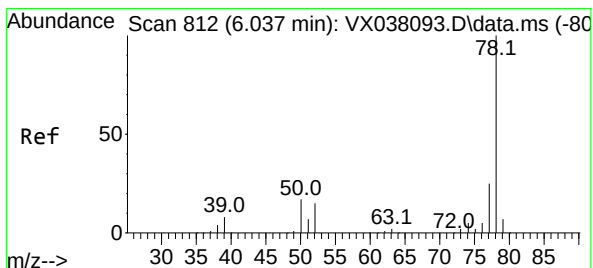
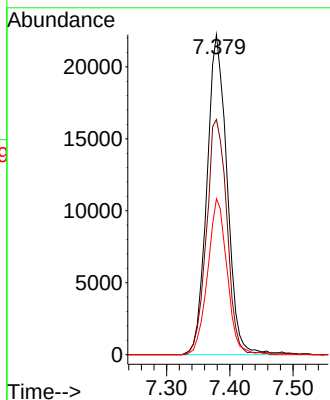
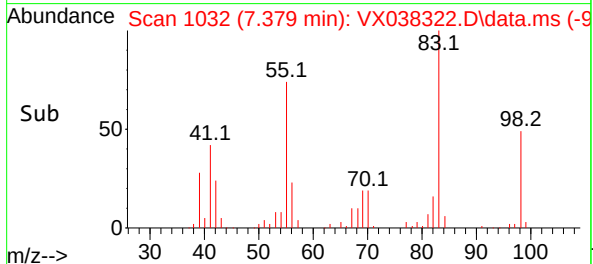
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 83 Resp: 49170
Ion Ratio Lower Upper
83 100
55 73.5 64.6 97.0
98 48.8 36.7 55.1

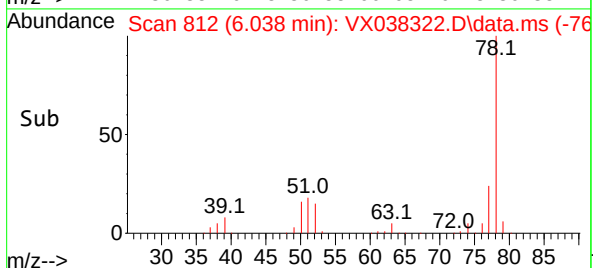
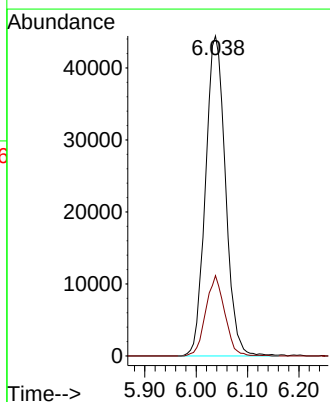
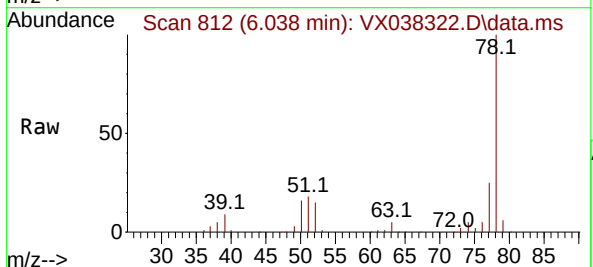
Manual Integrations
APPROVED

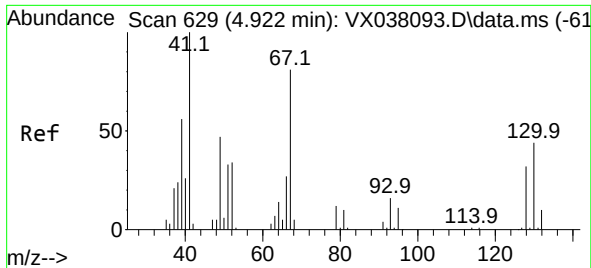
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 20.614 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

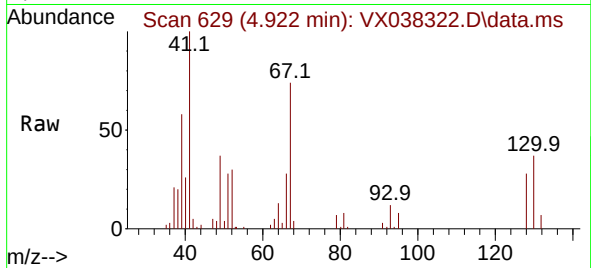
Tgt Ion: 78 Resp: 119710
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9





#41
Methacrylonitrile
Concen: 20.478 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

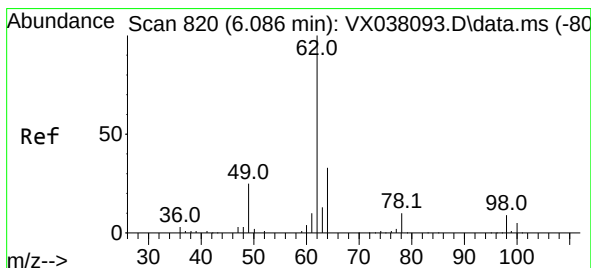
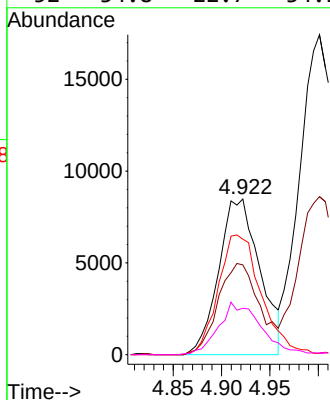
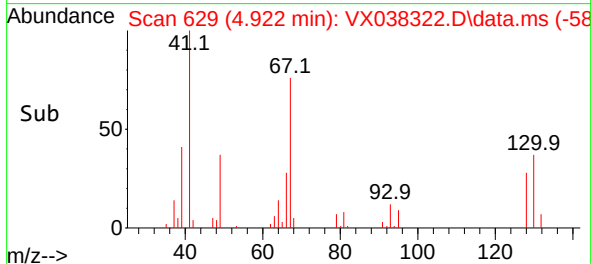
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 41 Resp: 25120
Ion Ratio Lower Upper
41 100
39 59.3 45.2 67.8
67 80.2 52.6 78.8
52 34.8 22.7 34.1#

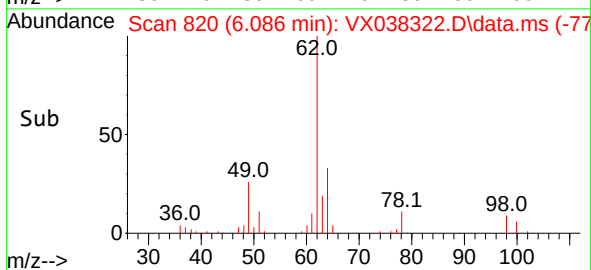
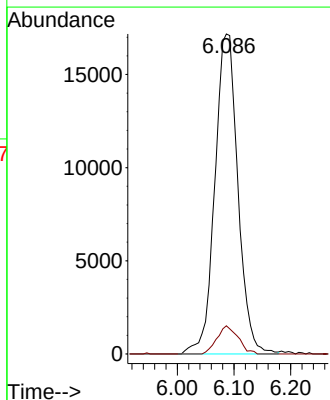
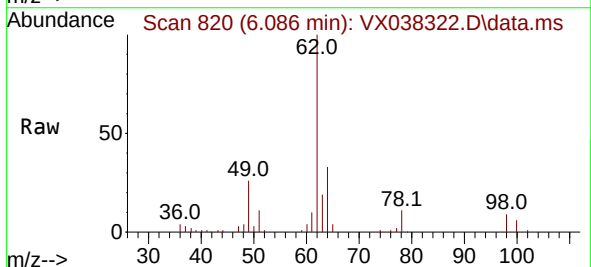
Manual Integrations
APPROVED

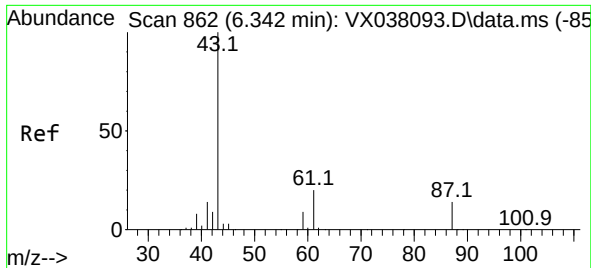
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 20.894 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

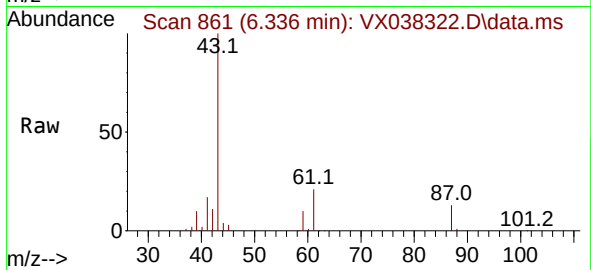
Tgt Ion: 62 Resp: 48479
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.509 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

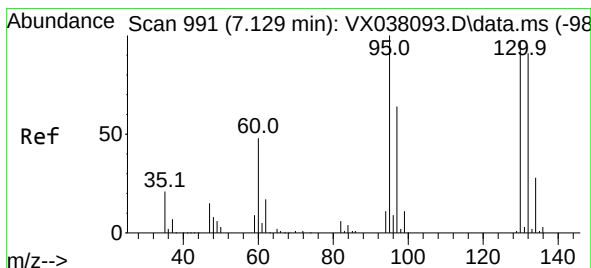
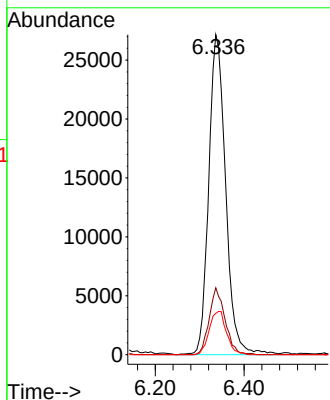
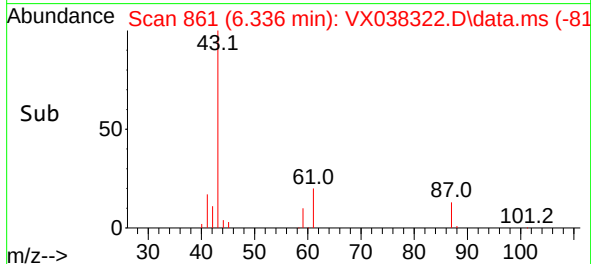
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 43 Resp: 71814
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.8 9.8 14.6

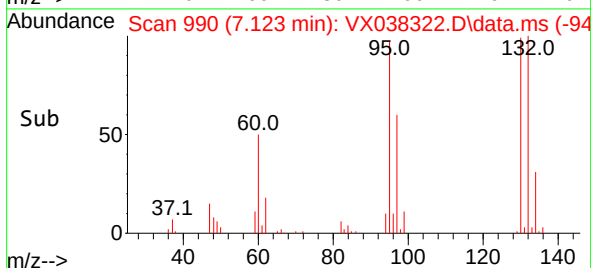
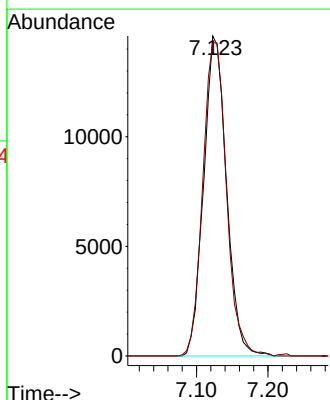
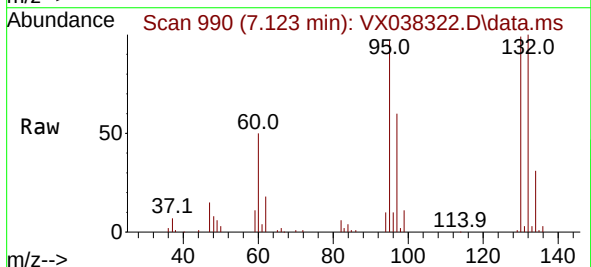
Manual Integrations
APPROVED

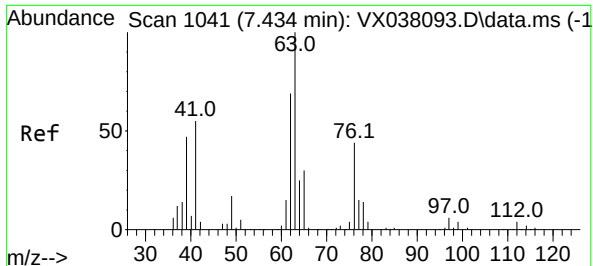
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 21.344 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion:130 Resp: 32419
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.741 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 63 Resp: 31174

Ion Ratio Lower Upper

63 100

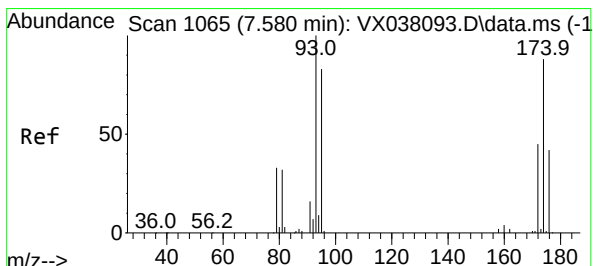
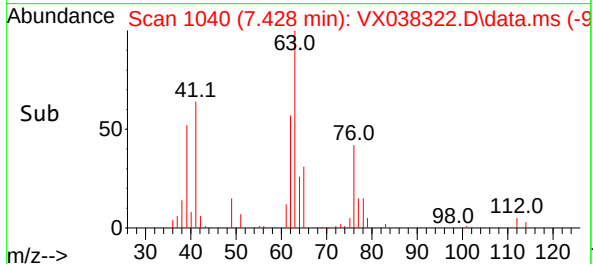
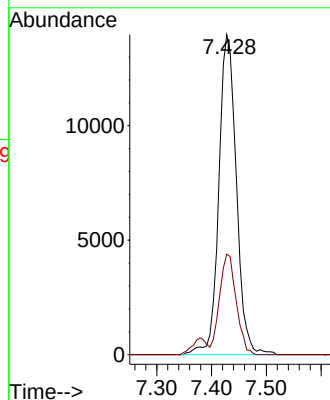
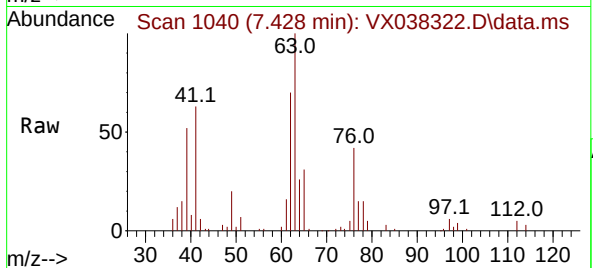
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 21.564 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

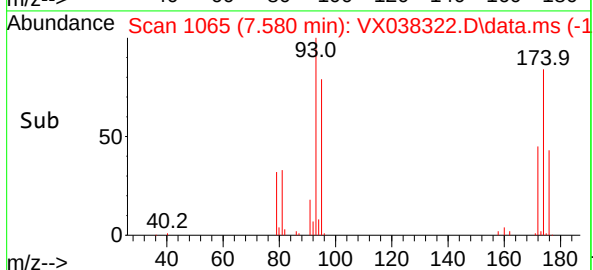
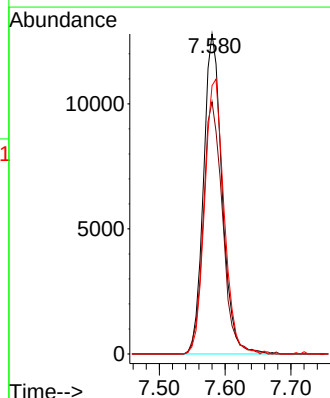
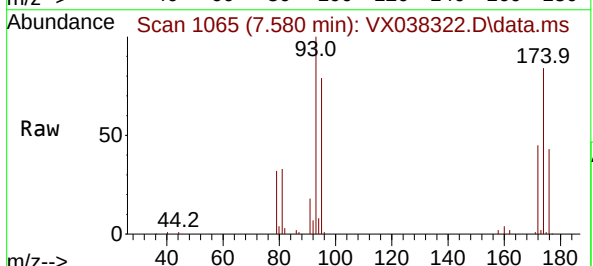
Tgt Ion: 93 Resp: 25138

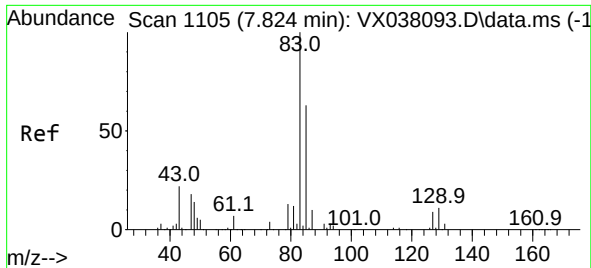
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 89.8 69.4 104.0





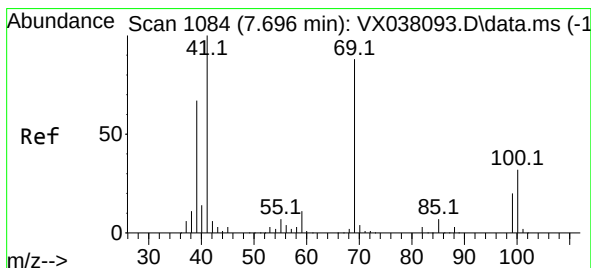
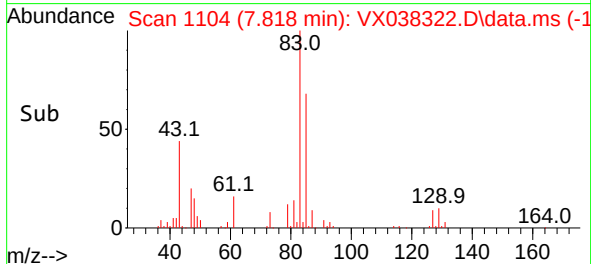
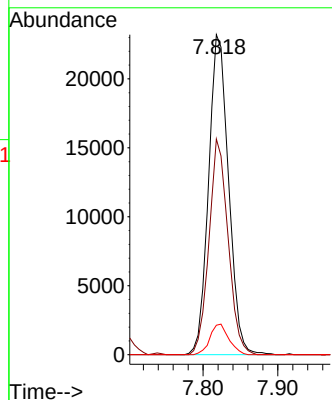
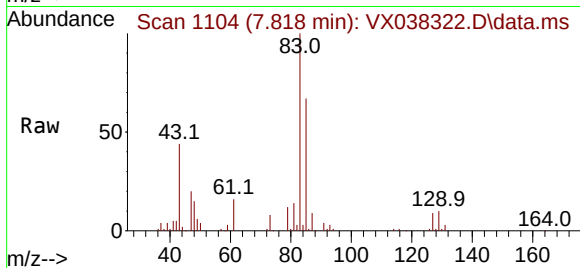
#47
Bromodichloromethane
Concen: 20.757 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 83 Resp: 43040
Ion Ratio Lower Upper
83 100
85 67.4 49.8 74.6
127 9.2 7.1 10.7

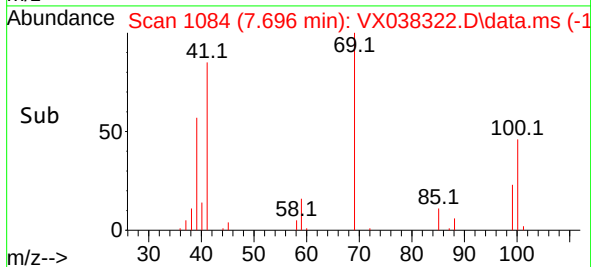
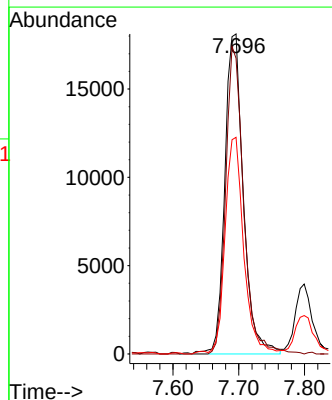
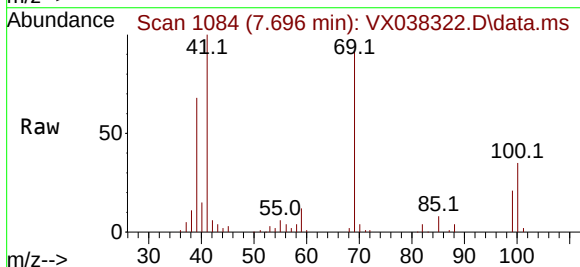
Manual Integrations
APPROVED

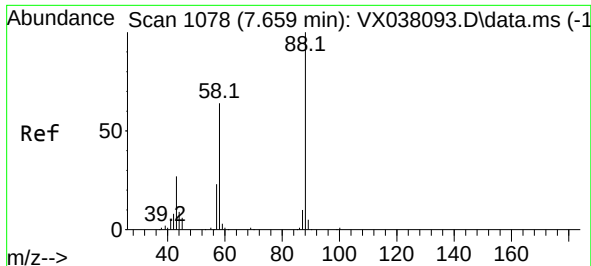
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 20.255 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 41 Resp: 35594
Ion Ratio Lower Upper
41 100
69 92.6 59.2 88.8
39 68.0 47.7 71.5





#49

1,4-Dioxane

Concen: 408.024 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 88 Resp: 17669

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0

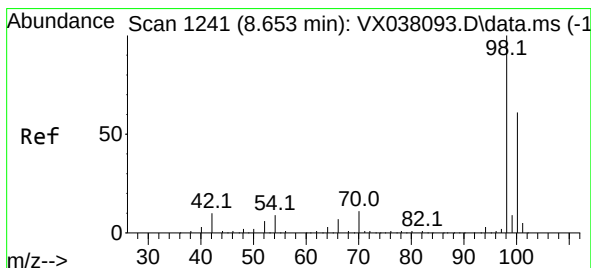
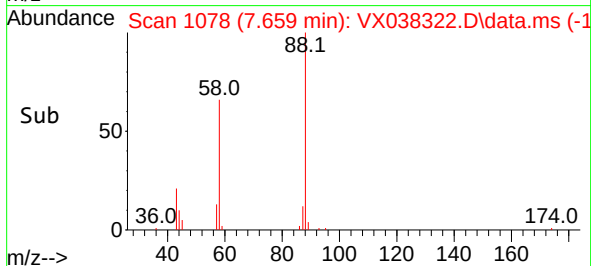
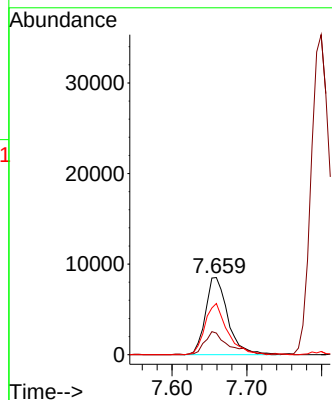
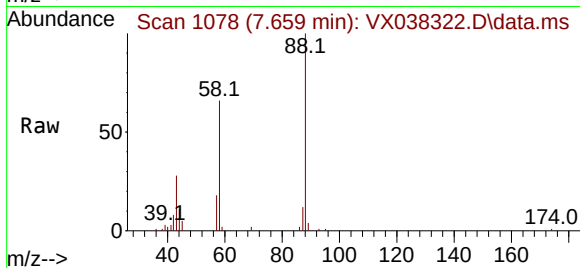
58 66.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 49.264 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038322.D

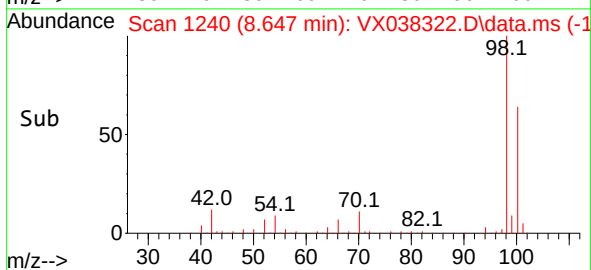
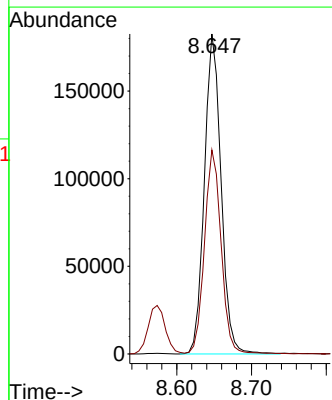
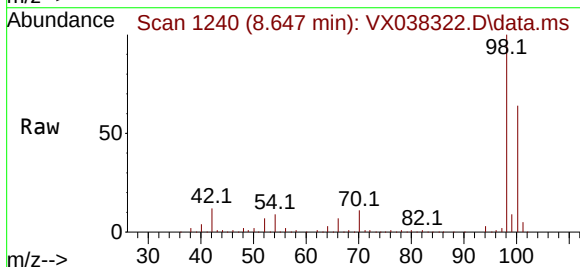
Acq: 17 Oct 2023 12:22

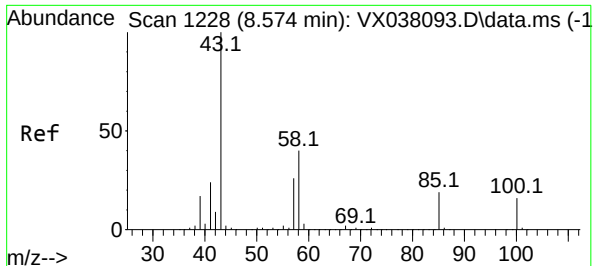
Tgt Ion: 98 Resp: 283438

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 106.557 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 43 Resp: 27055

Ion Ratio Lower Upper

43 100

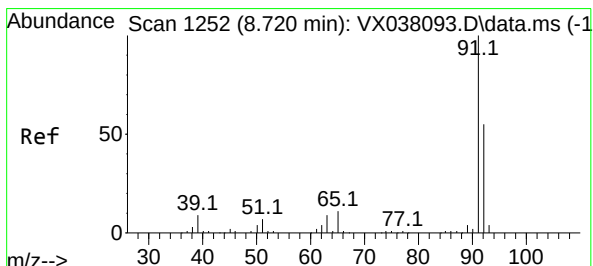
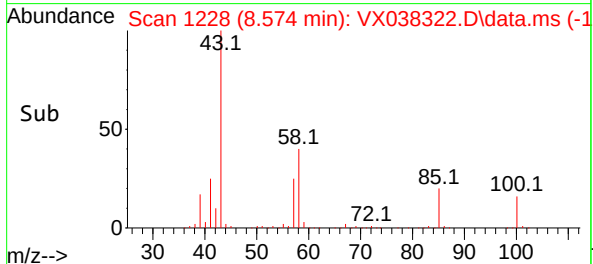
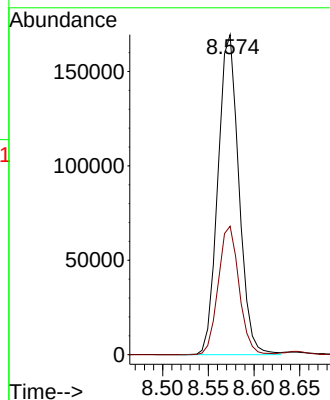
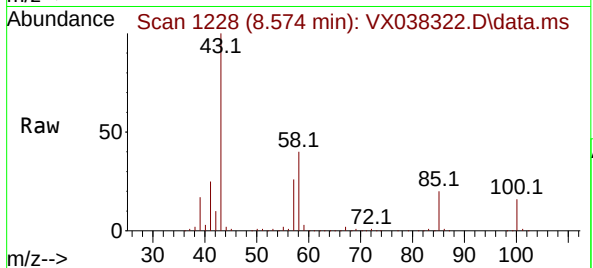
58 40.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 21.785 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038322.D

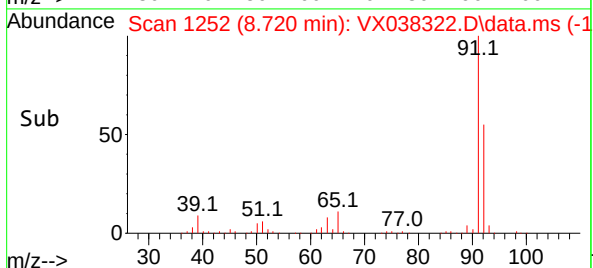
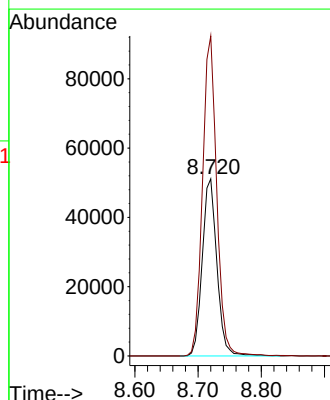
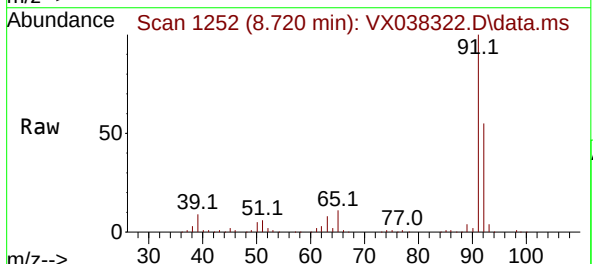
Acq: 17 Oct 2023 12:22

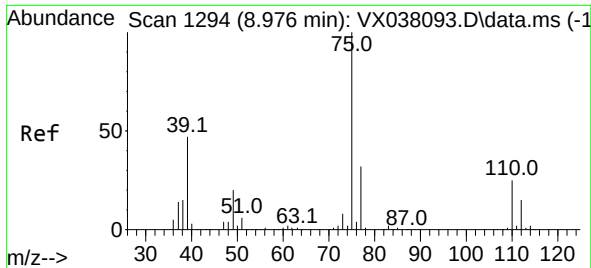
Tgt Ion: 92 Resp: 82411

Ion Ratio Lower Upper

92 100

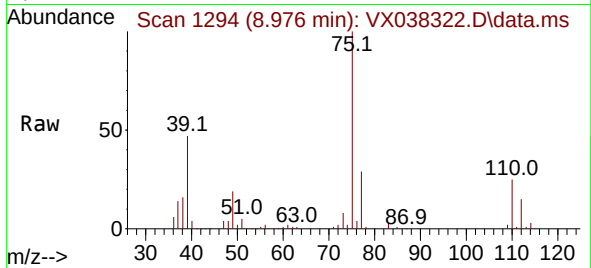
91 175.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 20.015 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

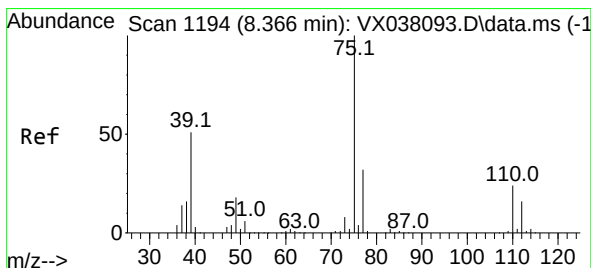
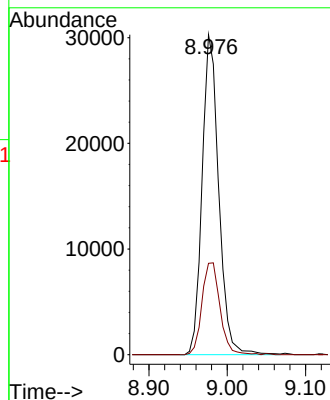
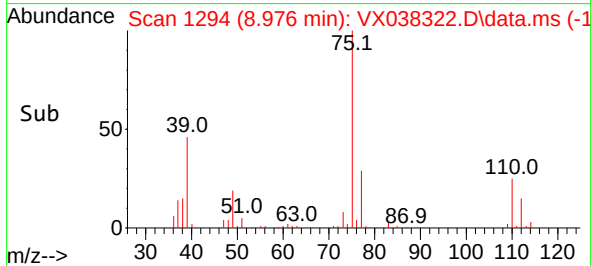
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 75 Resp: 44554
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5

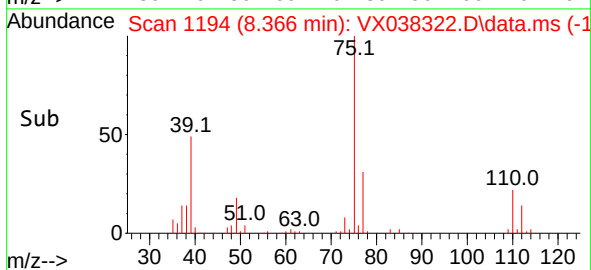
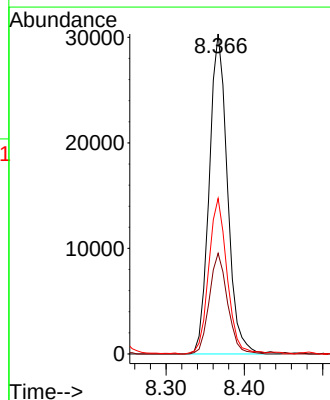
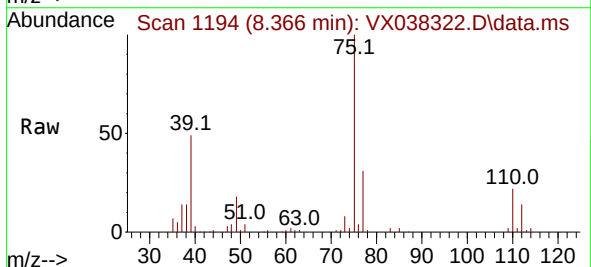
Manual Integrations
APPROVED

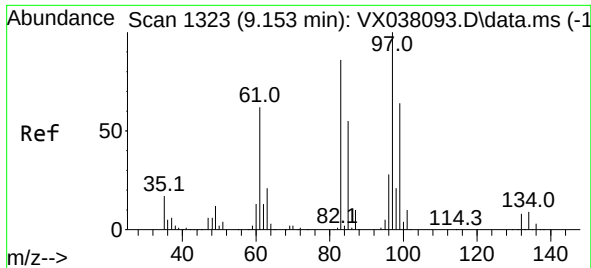
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.930 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

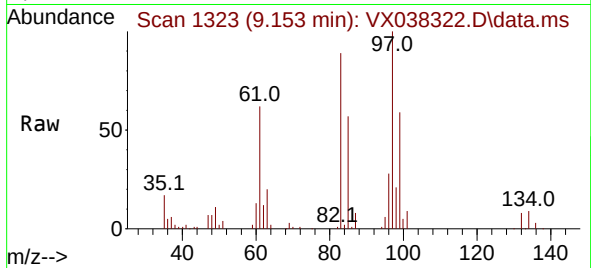
Tgt Ion: 75 Resp: 48949
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 48.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 22.387 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

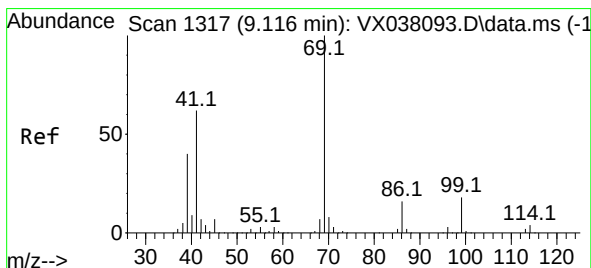
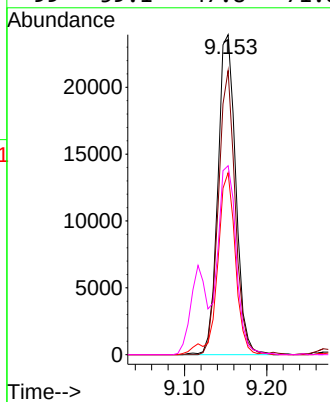
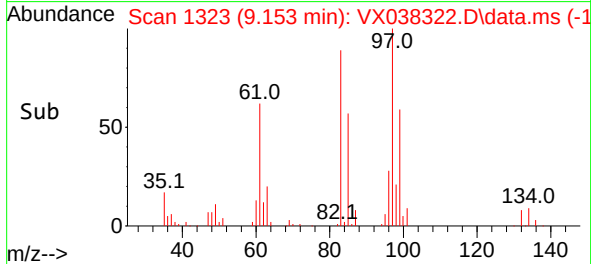
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.8	65.8	98.8
85	56.9	41.6	62.4
99	59.1	47.8	71.8

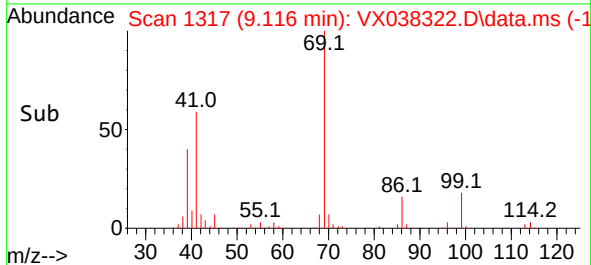
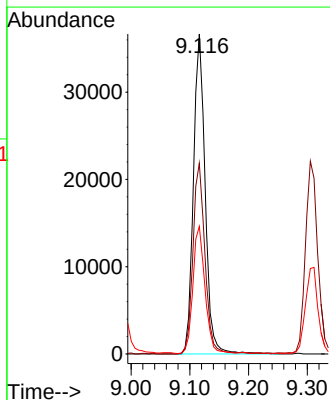
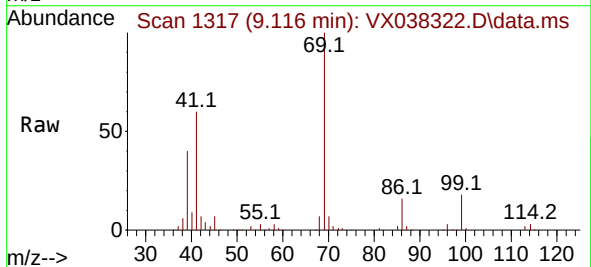
Manual Integrations
APPROVED

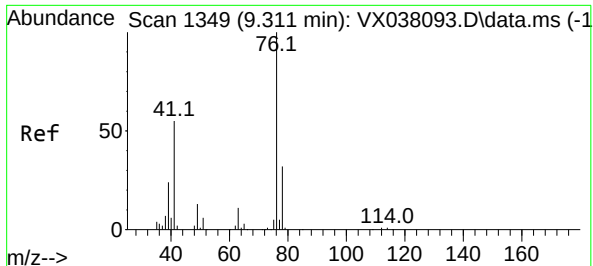
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 20.502 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	56.8	85.2
39	40.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 21.485 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion: 76 Resp: 5622

Ion Ratio Lower Upper

76 100

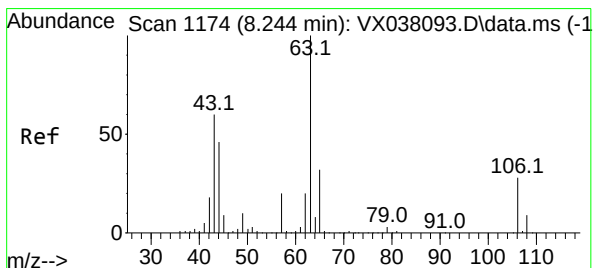
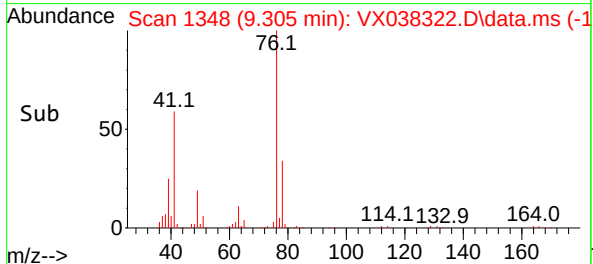
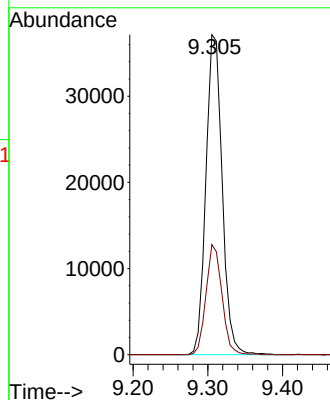
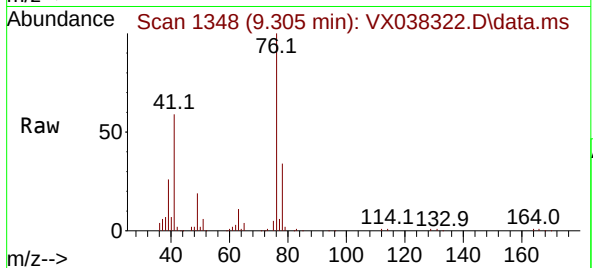
78 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.824 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038322.D

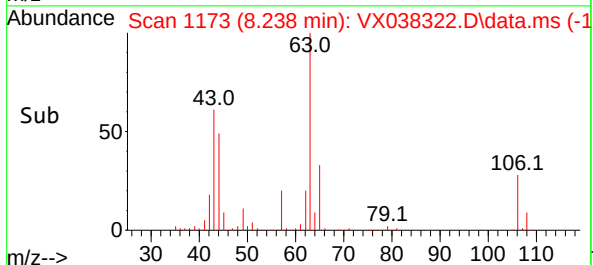
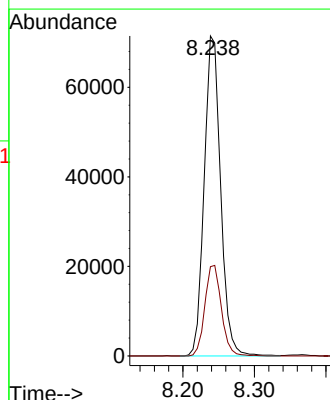
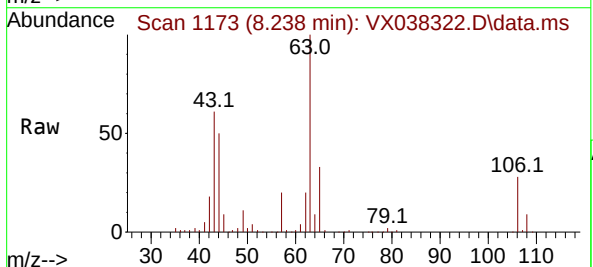
Acq: 17 Oct 2023 12:22

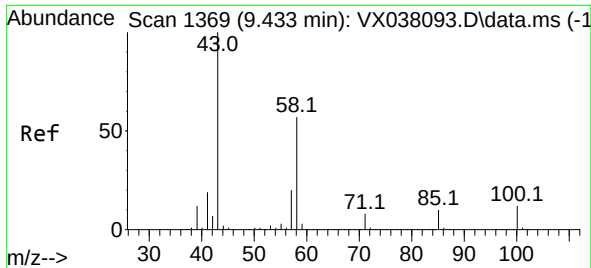
Tgt Ion: 63 Resp: 114252

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7





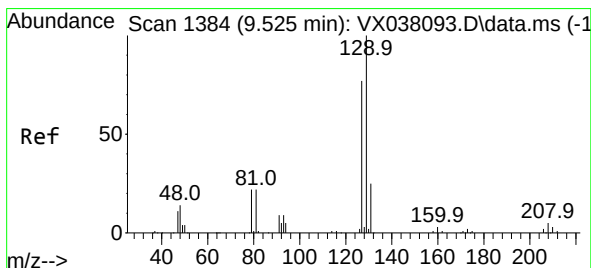
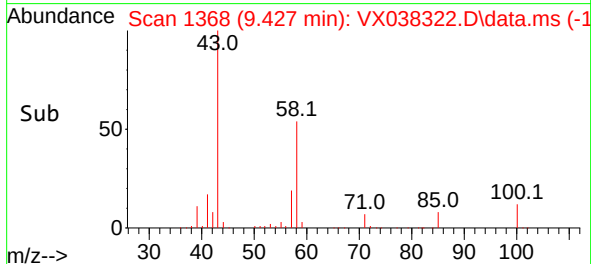
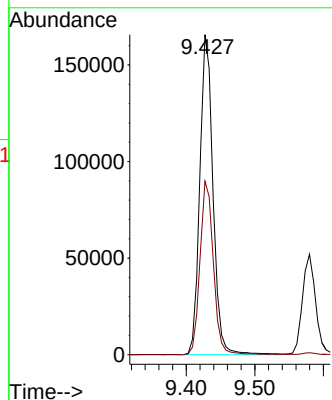
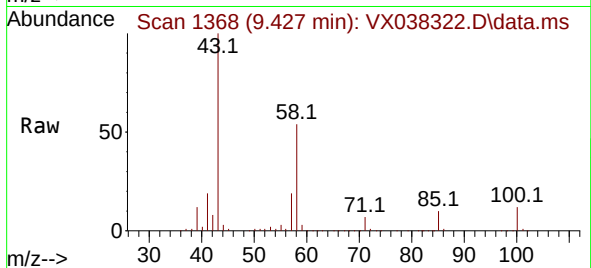
#59
2-Hexanone
Concen: 108.983 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 43 Resp: 222459
Ion Ratio Lower Upper
43 100
58 55.0 26.2 78.5

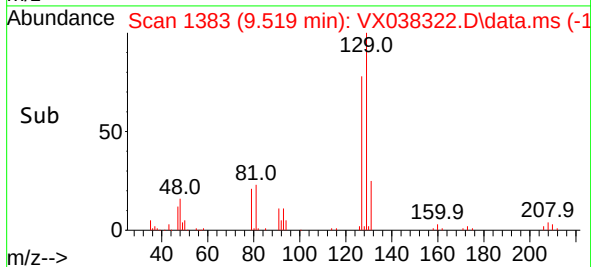
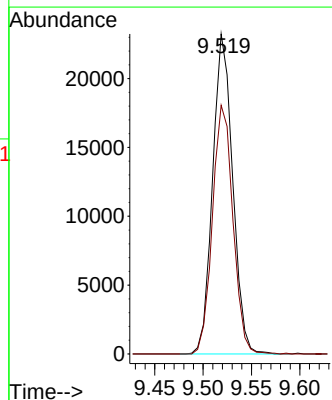
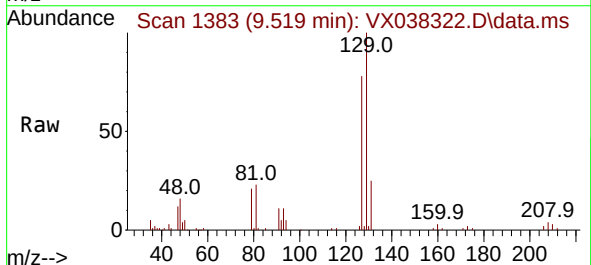
Manual Integrations
APPROVED

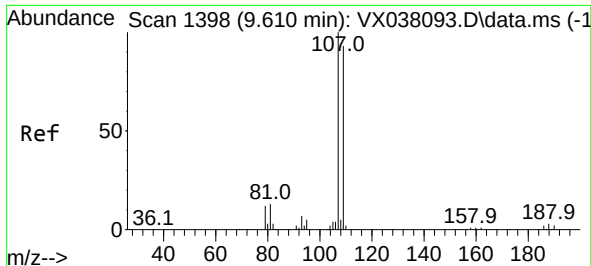
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 21.109 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion:129 Resp: 33428
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4





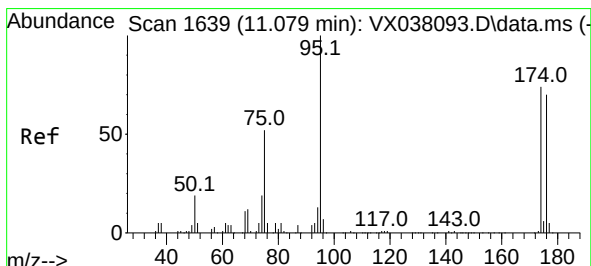
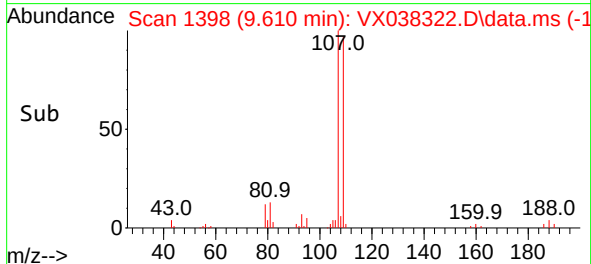
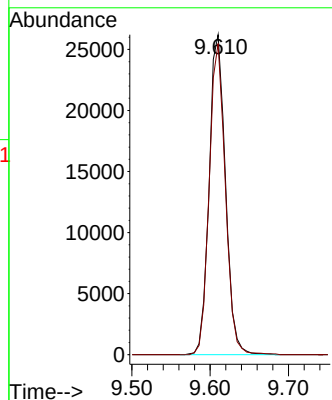
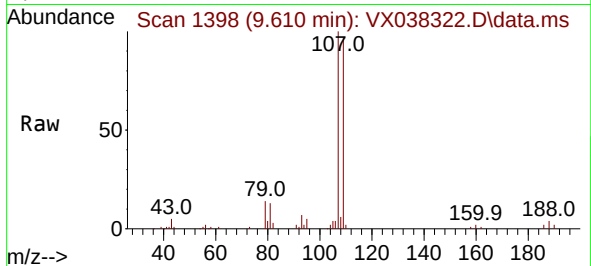
#61
1,2-Dibromoethane
Concen: 21.641 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion:107 Resp: 37860
Ion Ratio Lower Upper
107 100
109 96.1 75.2 112.8

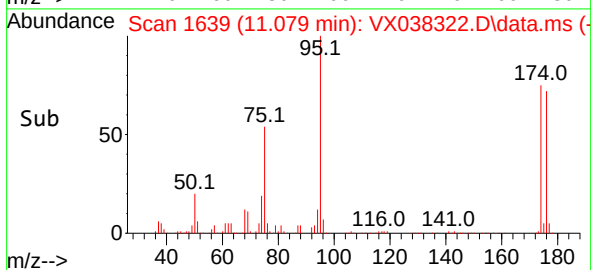
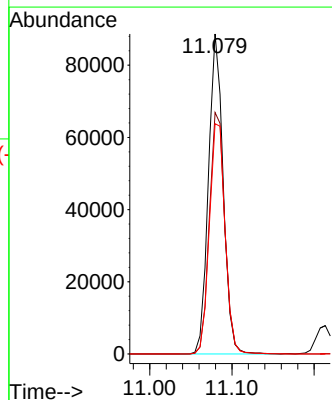
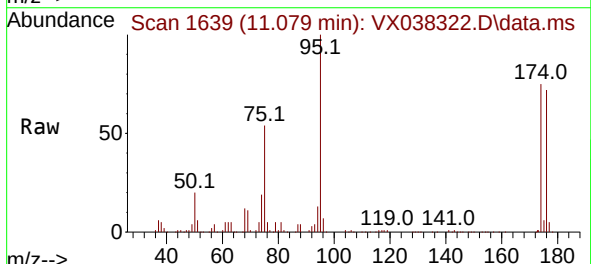
Manual Integrations
APPROVED

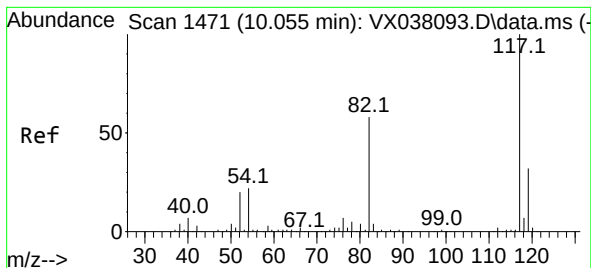
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 50.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

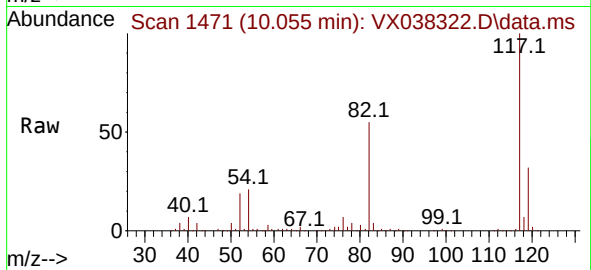
Tgt Ion: 95 Resp: 110167
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 77.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

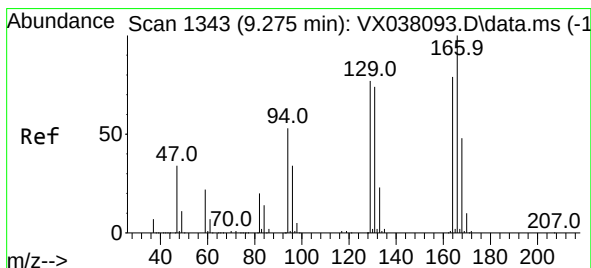
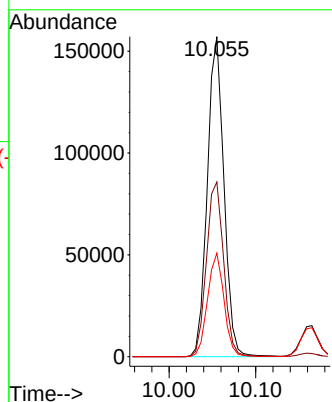
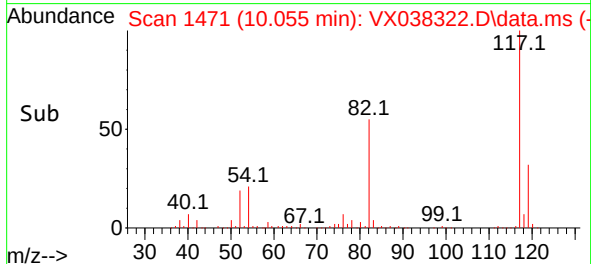
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion:117 Resp: 209349
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.4 25.5 38.3

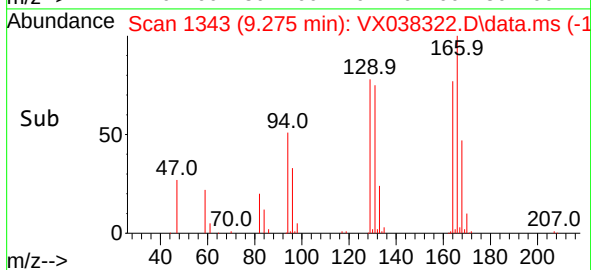
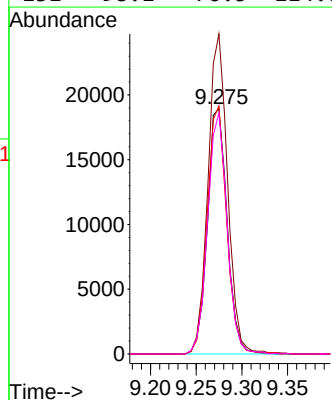
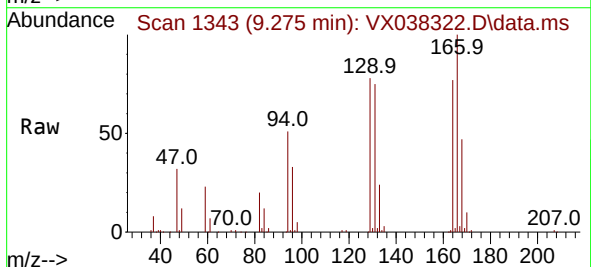
Manual Integrations
APPROVED

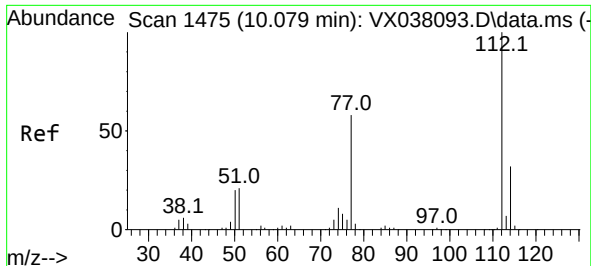
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 20.968 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

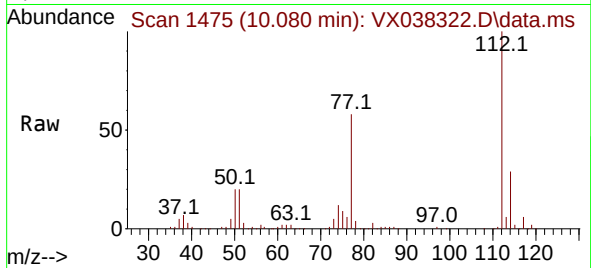
Tgt Ion:164 Resp: 28417
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 101.1 80.4 120.6
131 98.1 76.5 114.7





#65
Chlorobenzene
Concen: 20.542 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

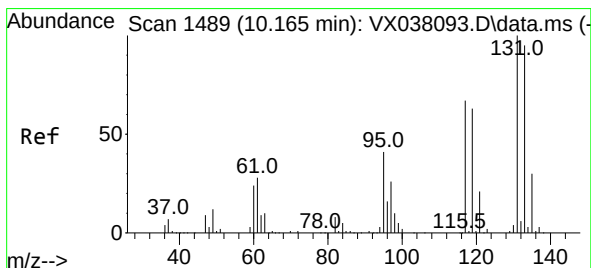
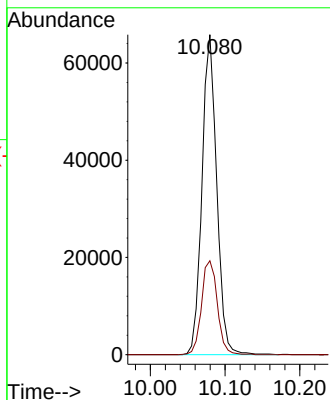
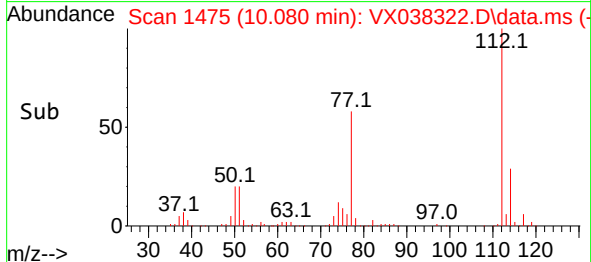
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



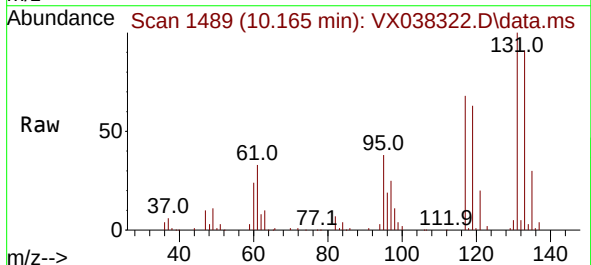
Tgt Ion:112 Resp: 89990
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5

Manual Integrations
APPROVED

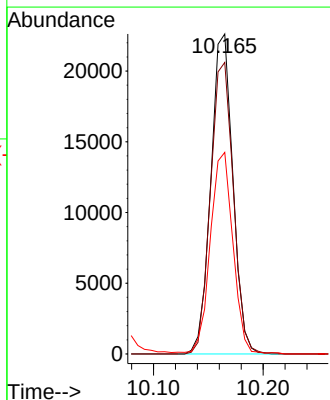
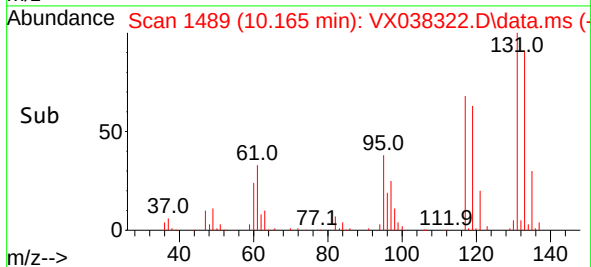
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

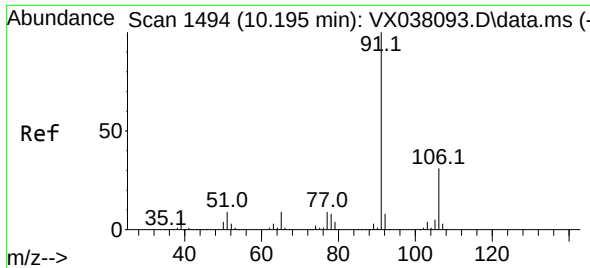


#66
1,1,1,2-Tetrachloroethane
Concen: 21.347 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22



Tgt Ion:131 Resp: 31623
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 64.8 32.2 96.6





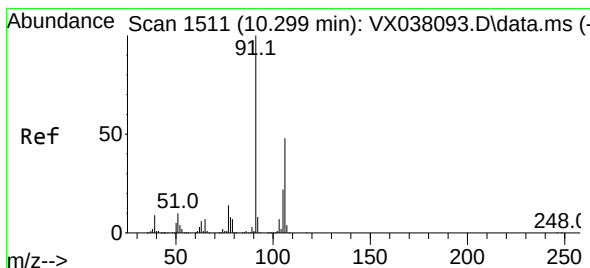
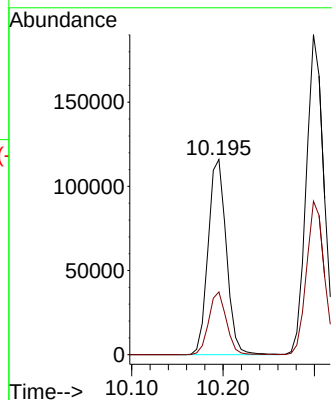
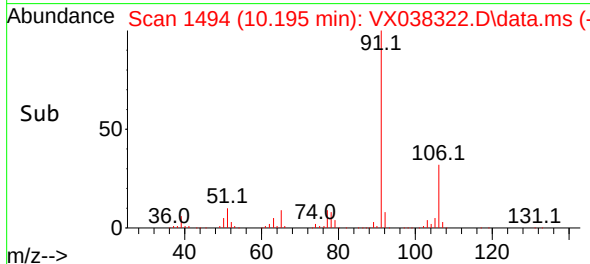
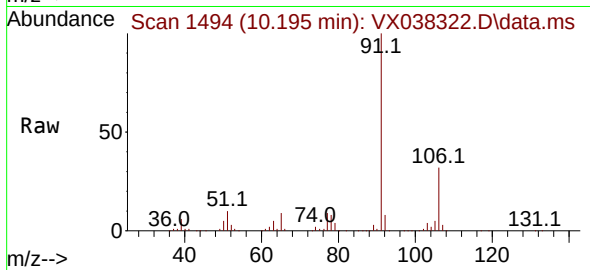
#67
Ethyl Benzene
Concen: 20.608 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 91 Resp: 161144
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

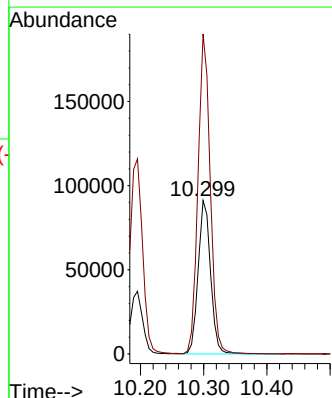
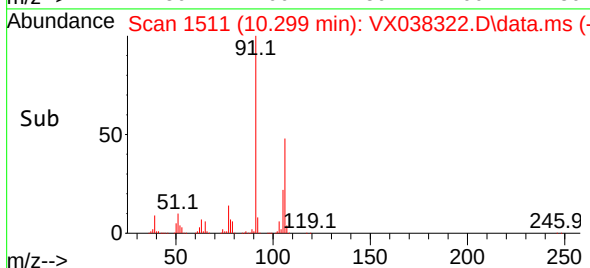
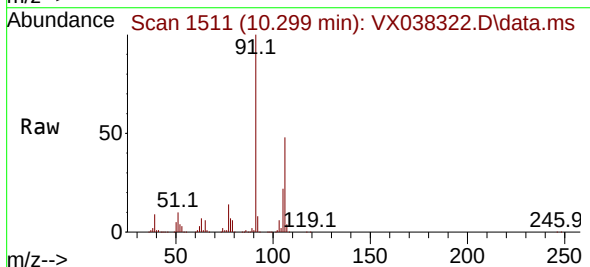
Manual Integrations
APPROVED

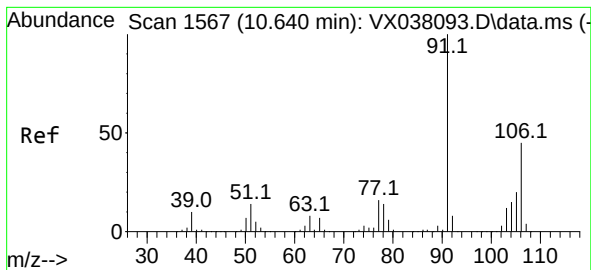
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 41.240 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion:106 Resp: 124690
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3





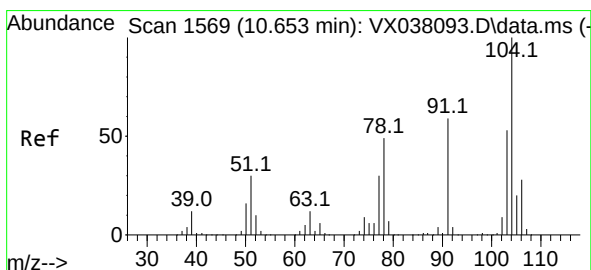
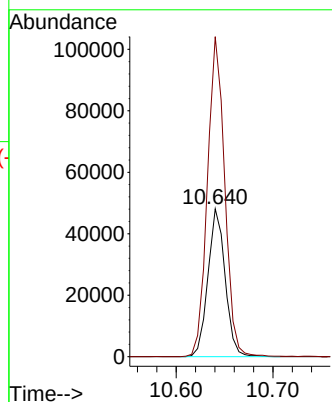
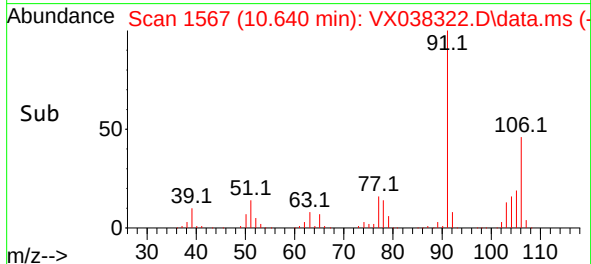
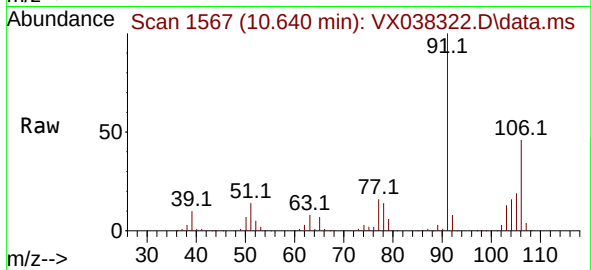
#69
o-Xylene
Concen: 20.187 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion:106 Resp: 59570
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8

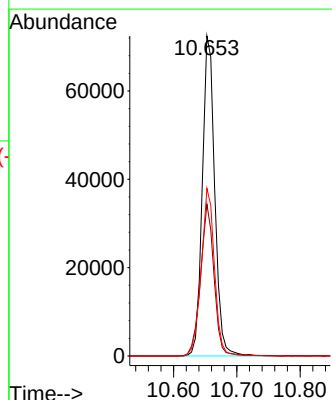
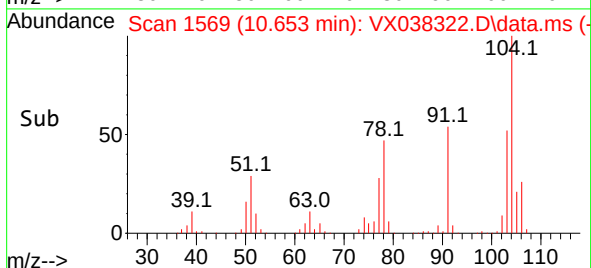
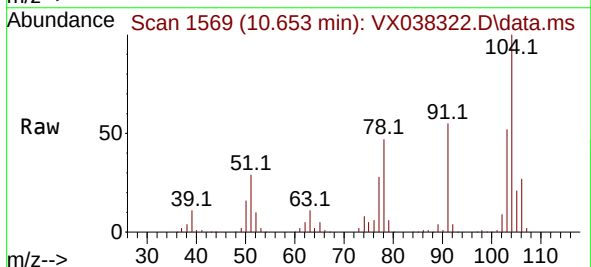
Manual Integrations
APPROVED

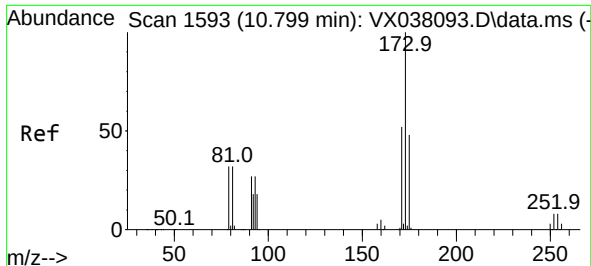
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 20.717 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

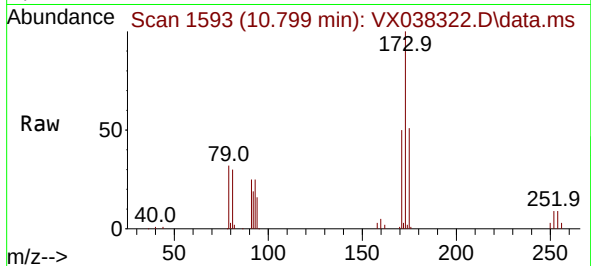
Tgt Ion:104 Resp: 99561
Ion Ratio Lower Upper
104 100
78 51.2 43.6 65.4
103 55.9 43.6 65.4





#71
Bromoform
Concen: 19.666 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

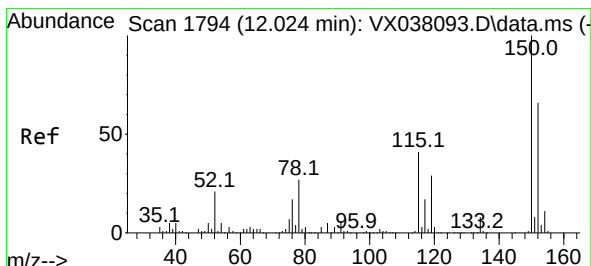
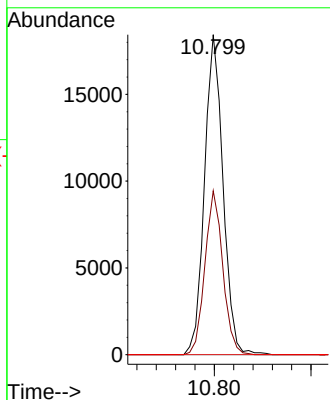
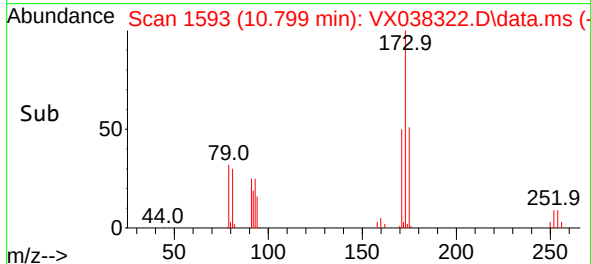
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion:173 Resp: 24494
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

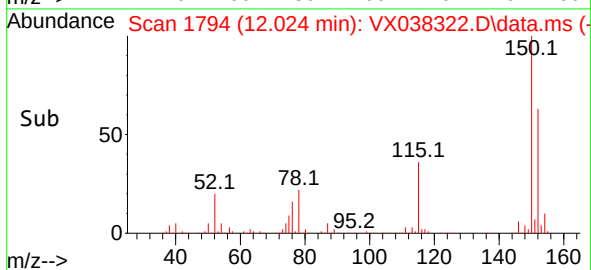
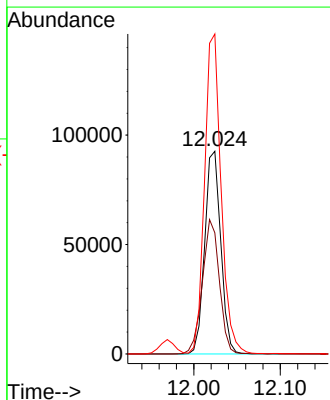
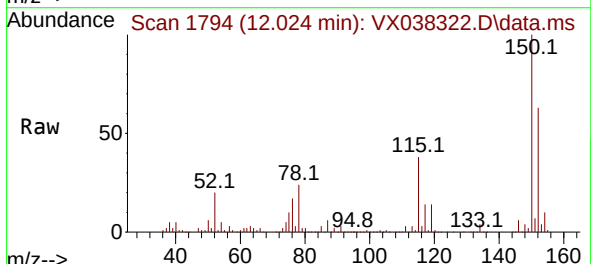
Manual Integrations
APPROVED

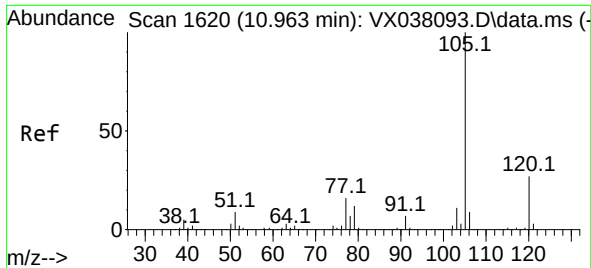
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

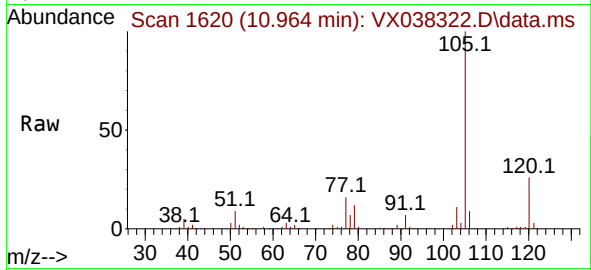
Tgt Ion:152 Resp: 119320
Ion Ratio Lower Upper
152 100
115 69.9 43.3 129.9
150 162.5 0.0 345.0





#73
Isopropylbenzene
Concen: 20.167 ug/l
RT: 10.964 min Scan# 16137
Delta R.T. 0.001 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

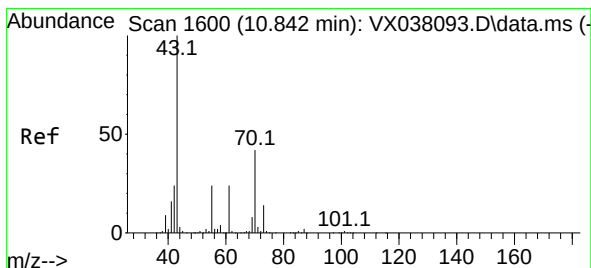
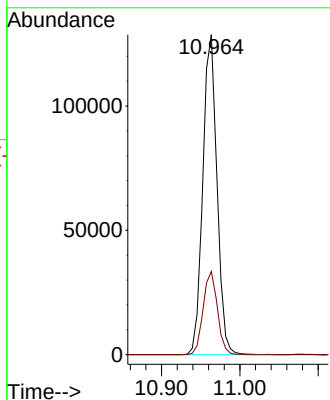
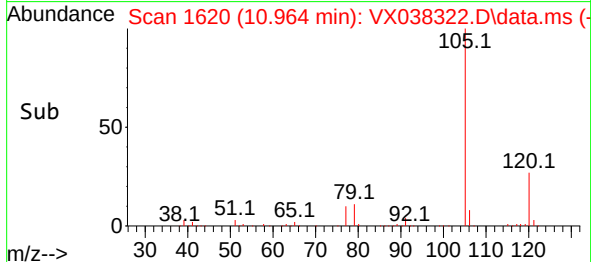
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



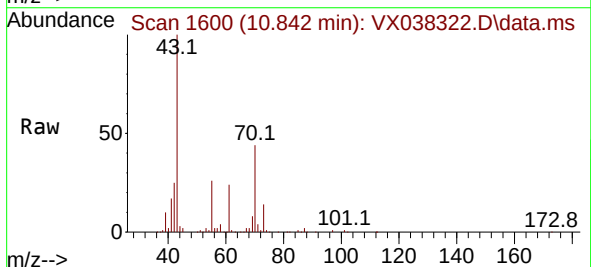
Tgt Ion:105 Resp: 16137
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

Manual Integrations
APPROVED

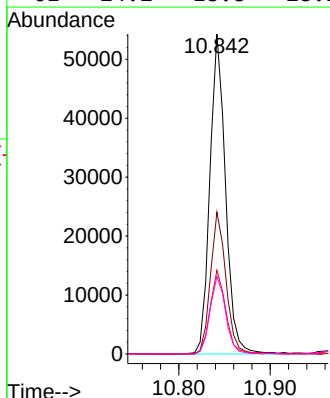
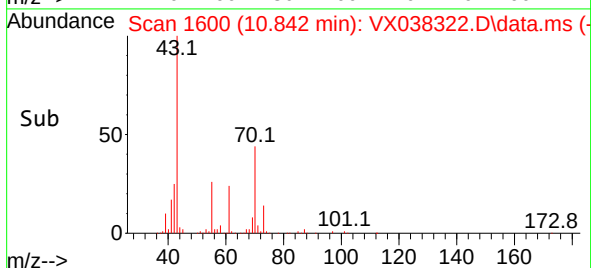
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

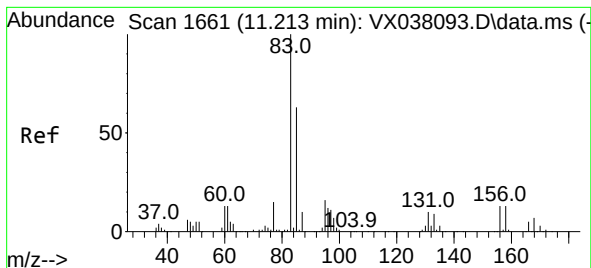


#74
N-ethyl acetate
Concen: 18.821 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22



Tgt Ion: 43 Resp: 64314
Ion Ratio Lower Upper
43 100
70 44.4 32.9 49.3
55 26.3 19.3 28.9
61 24.2 18.8 28.2





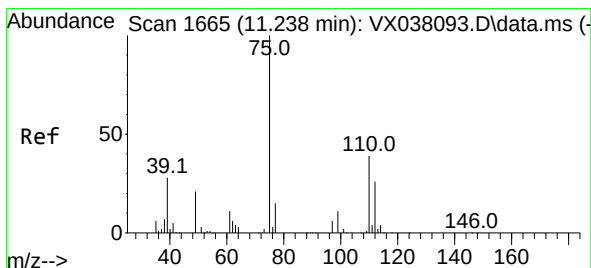
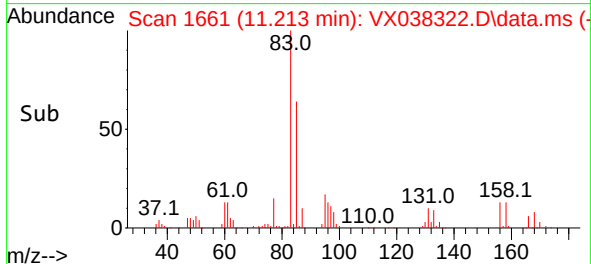
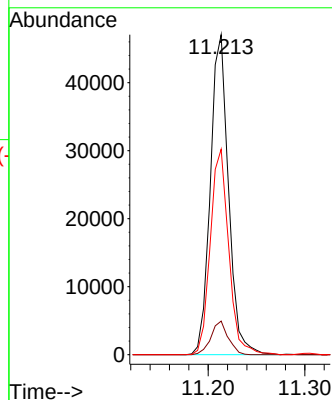
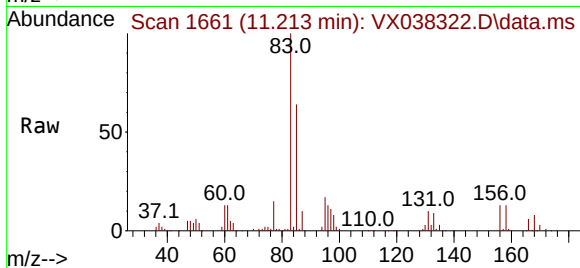
#75
1,1,2,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 83 Resp: 61400
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.3 32.0 96.2

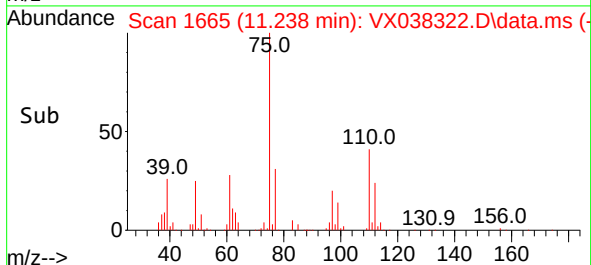
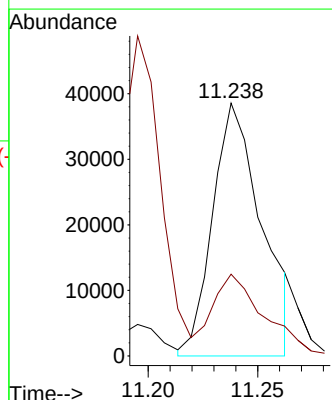
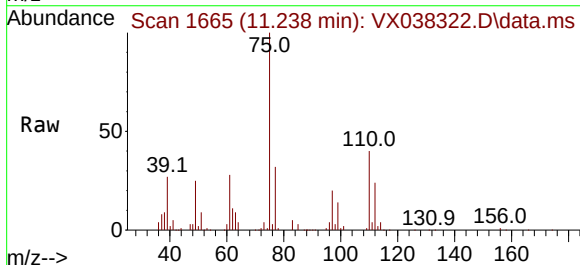
Manual Integrations
APPROVED

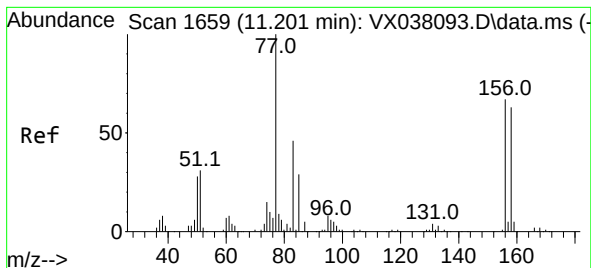
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 22.193 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 75 Resp: 60200
Ion Ratio Lower Upper
75 100
77 34.3 19.1 57.5





#77

Bromobenzene

Concen: 20.557 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

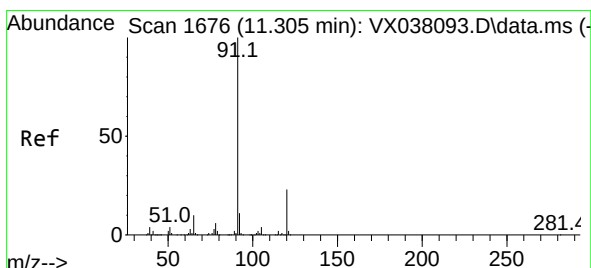
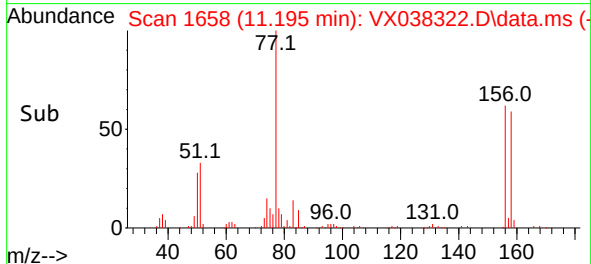
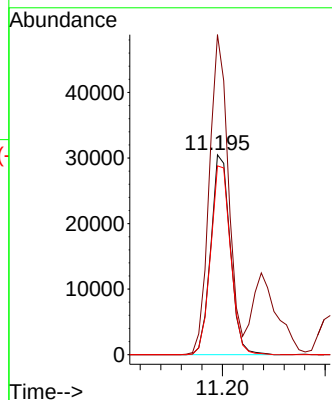
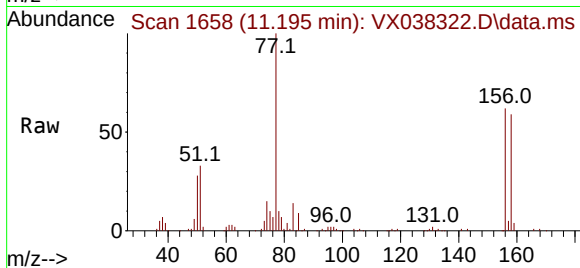
Tgt Ion:	156	Resp:	4016
Ion Ratio	Lower	Upper	
156	100		
77	156.5	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 19.858 ug/l

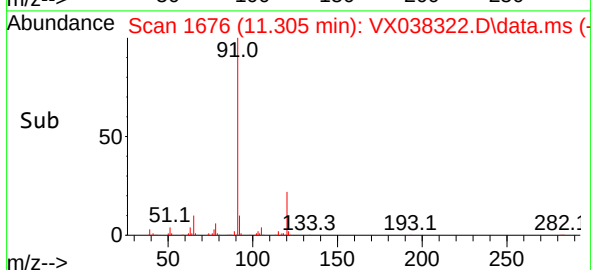
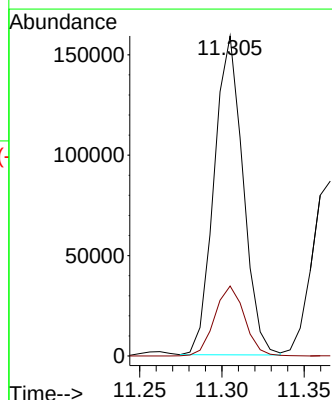
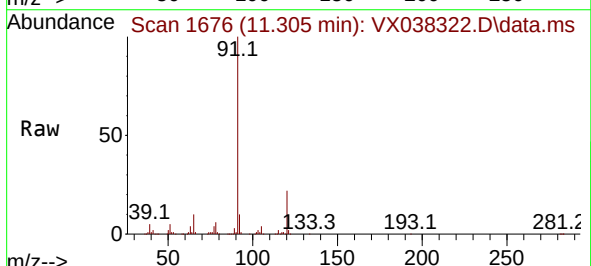
RT: 11.305 min Scan# 1676

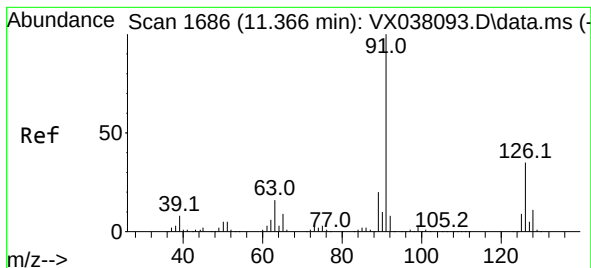
Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Tgt Ion:	91	Resp:	194302
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





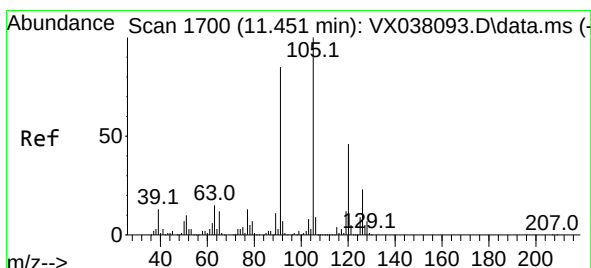
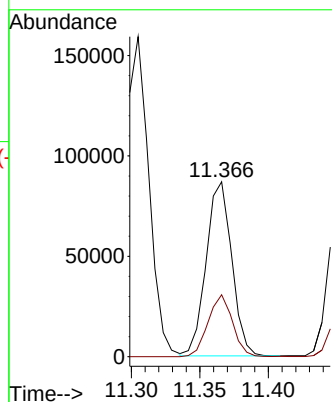
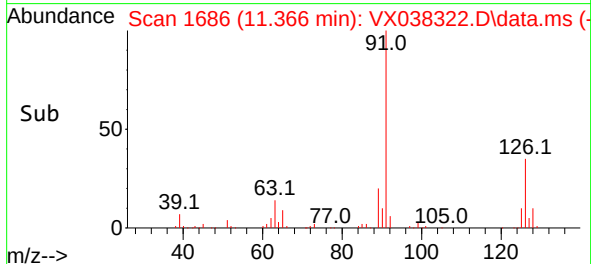
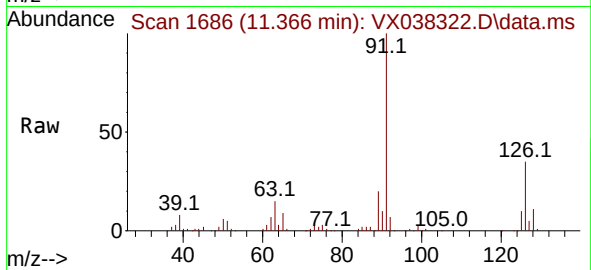
#79
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 11.366 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01

Tgt Ion: 91 Resp: 112704
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

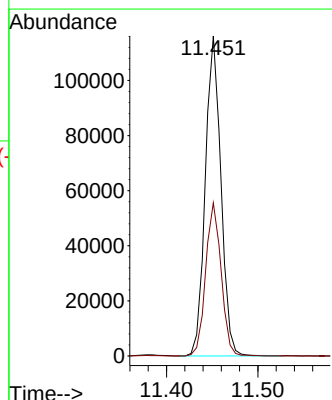
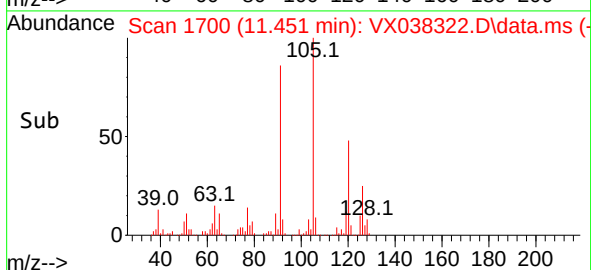
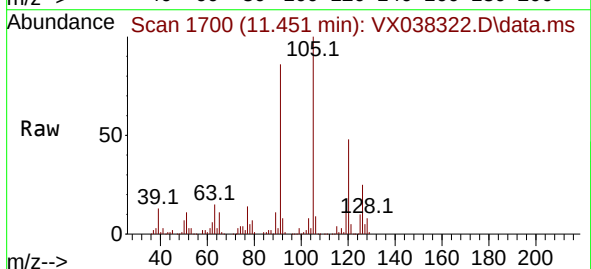
Manual Integrations
APPROVED

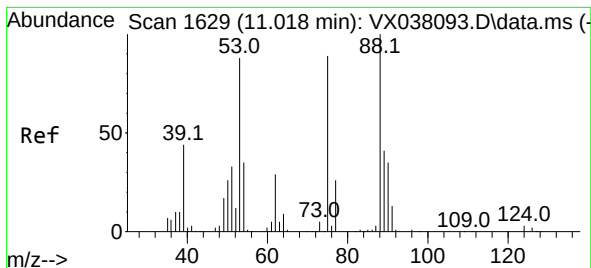
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.956 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

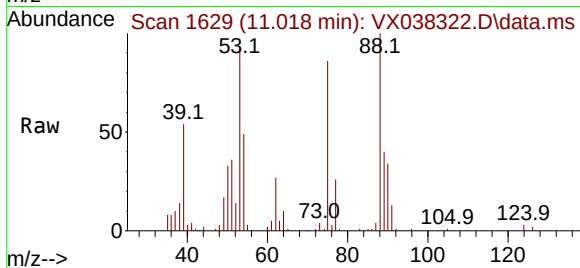
Tgt Ion:105 Resp: 137771
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.136 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

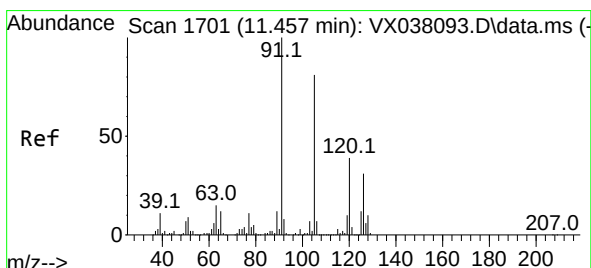
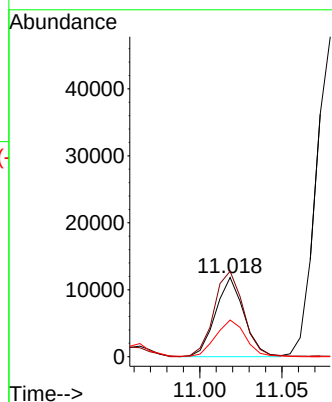
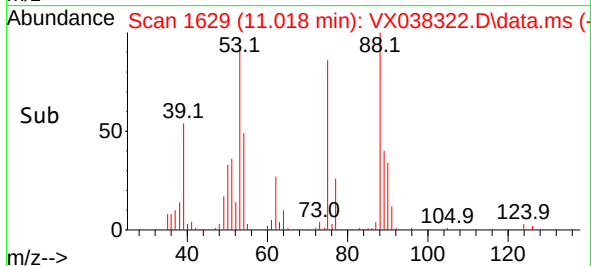
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



Tgt Ion: 75 Resp: 14250
Ion Ratio Lower Upper
75 100
53 112.5 90.5 135.7
89 48.3 36.9 55.3

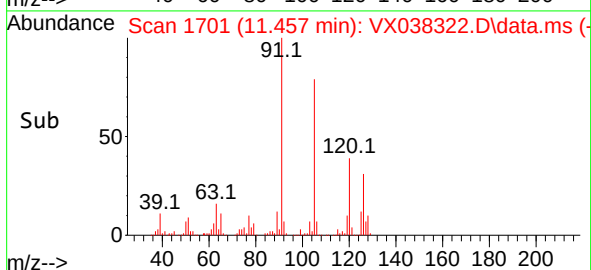
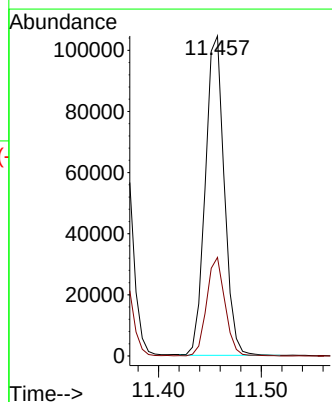
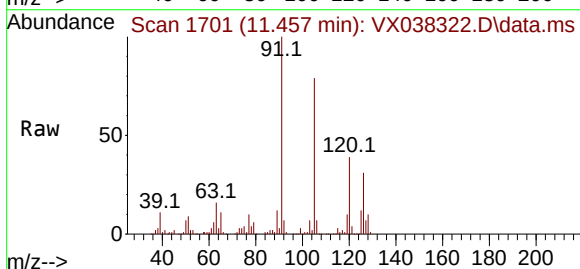
Manual Integrations
APPROVED

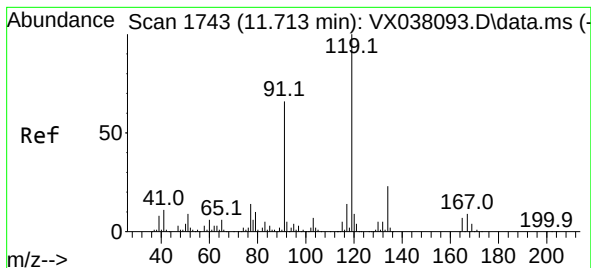
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 19.513 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion: 91 Resp: 133983
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.746 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion:119 Resp: 13320

Ion Ratio Lower Upper

119 100

91 60.4 31.2 93.6

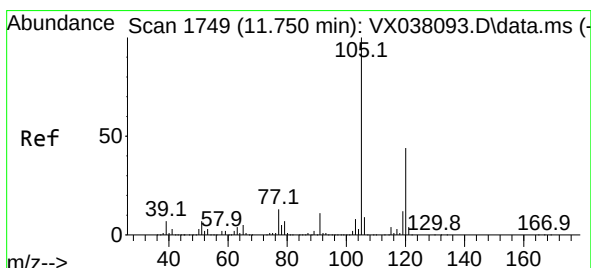
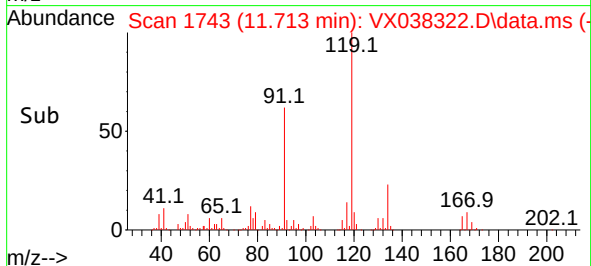
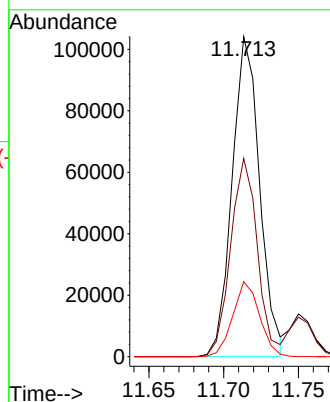
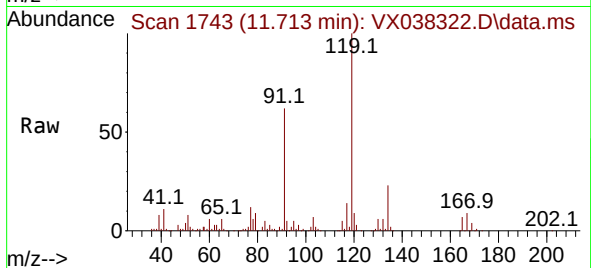
134 22.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.203 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038322.D

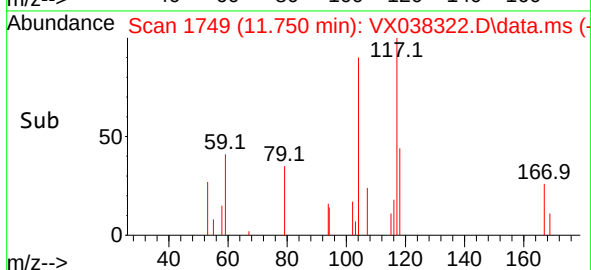
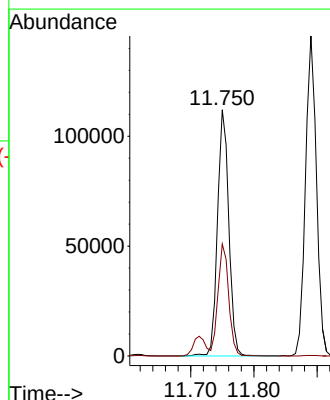
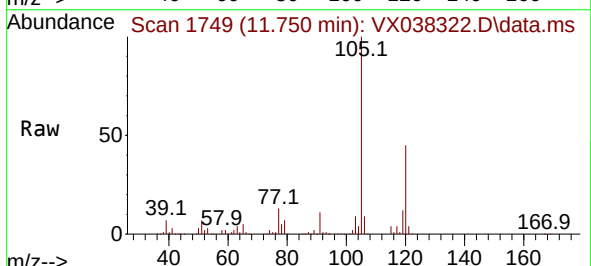
Acq: 17 Oct 2023 12:22

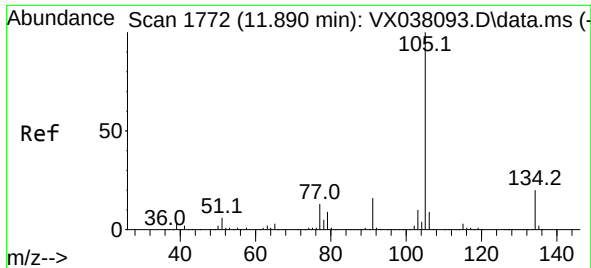
Tgt Ion:105 Resp: 139060

Ion Ratio Lower Upper

105 100

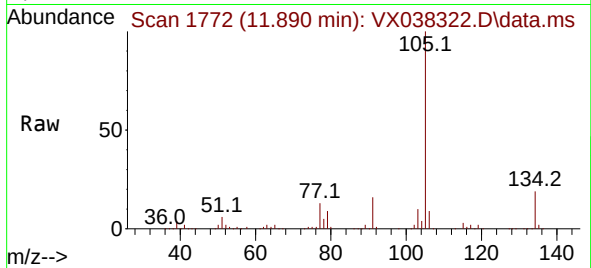
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.958 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22

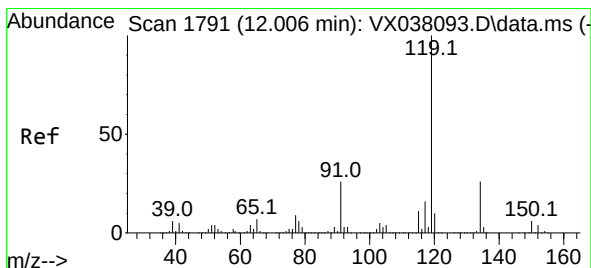
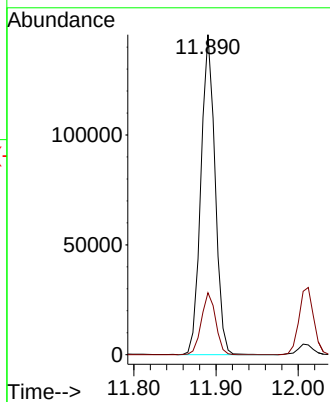
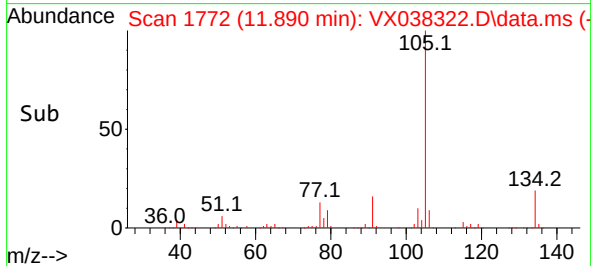
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBSD01



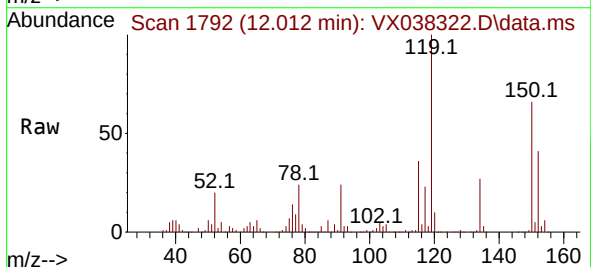
Tgt Ion:105 Resp: 174400
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

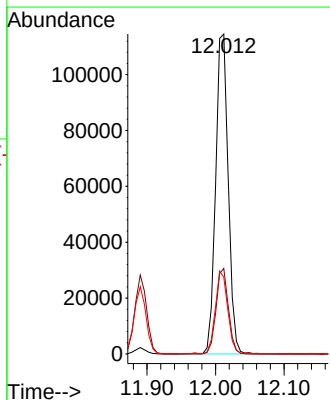
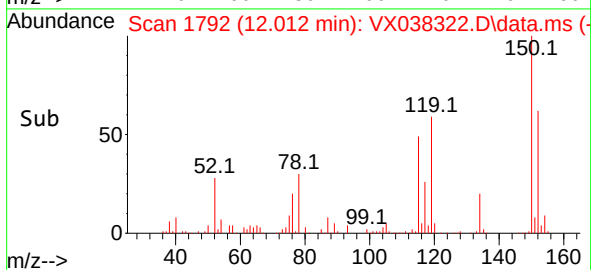
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

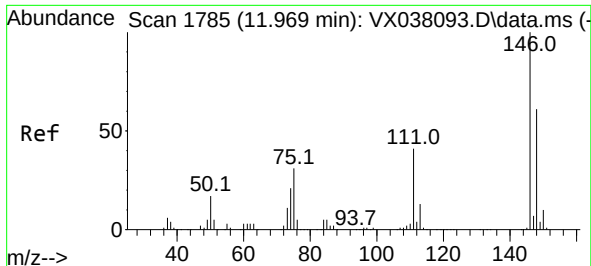


#86
 p-Isopropyltoluene
 Concen: 20.259 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038322.D
 Acq: 17 Oct 2023 12:22



Tgt Ion:119 Resp: 146061
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.784 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion:146 Resp: 7763

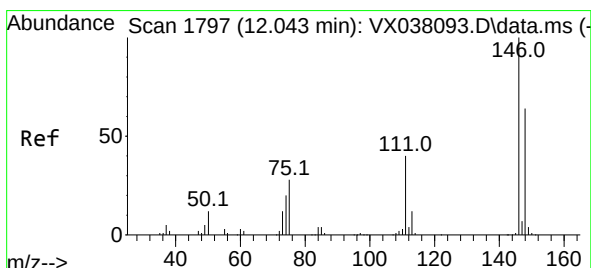
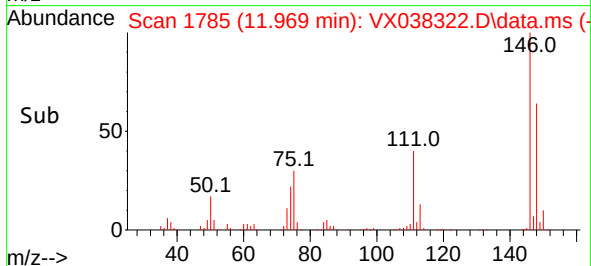
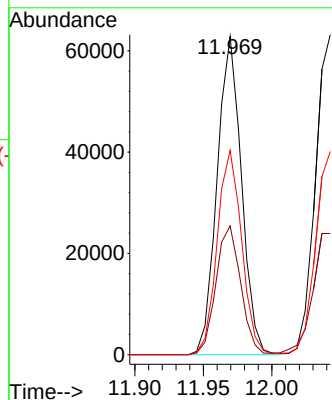
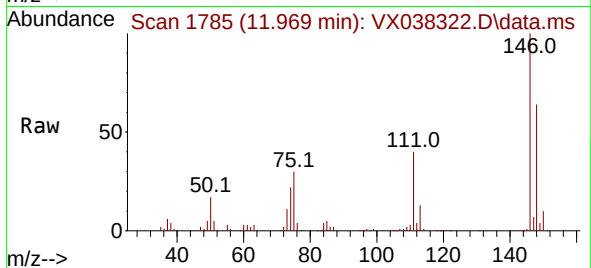
Ion	Ratio	Lower	Upper
146	100		
111	41.2	22.1	66.1
148	64.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.886 ug/l

RT: 12.043 min Scan# 1797

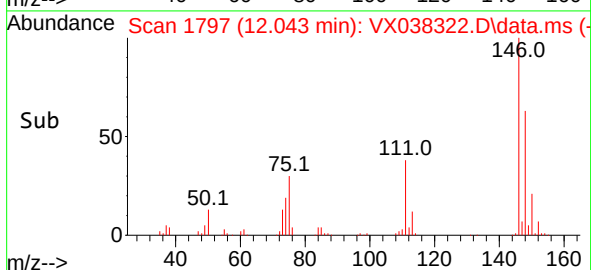
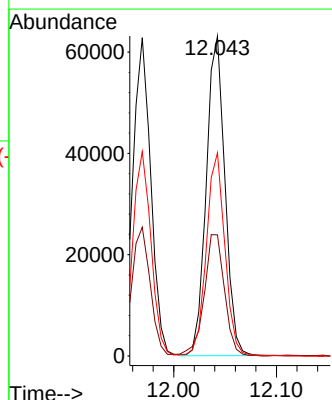
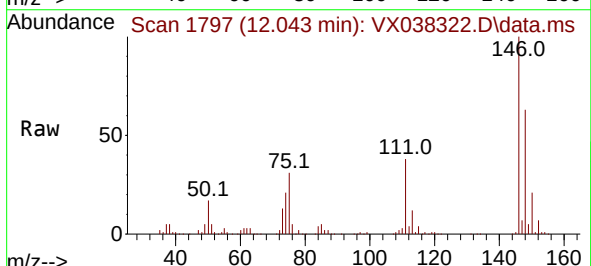
Delta R.T. -0.000 min

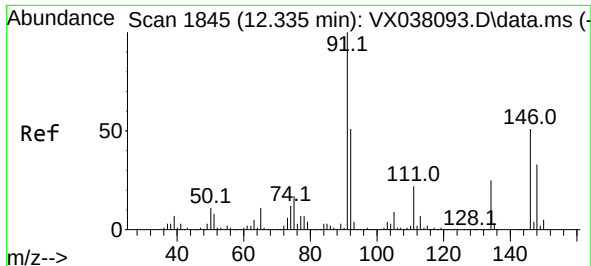
Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Tgt Ion:146 Resp: 79664

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.7
148	63.0	31.8	95.4





#89

n-Butylbenzene

Concen: 19.042 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 91 Resp: 13672

Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

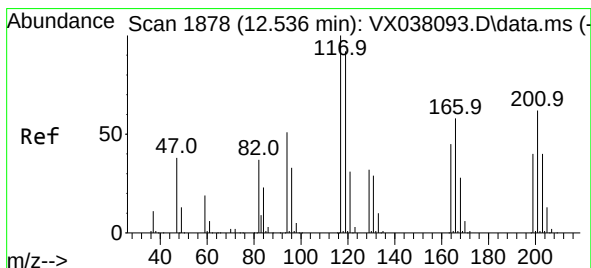
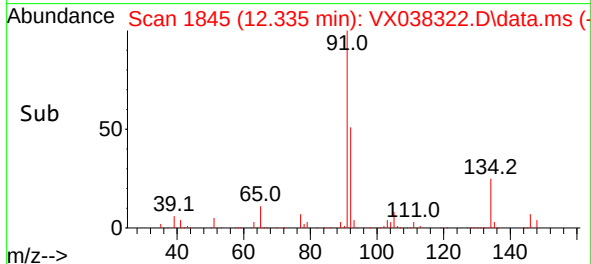
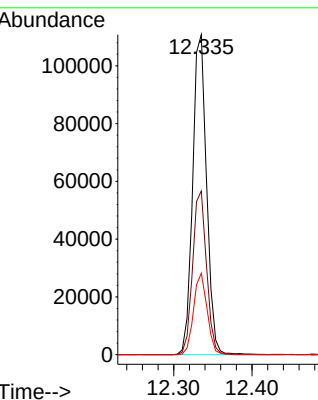
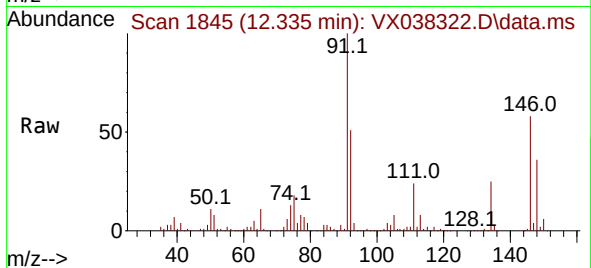
134 24.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 19.147 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038322.D

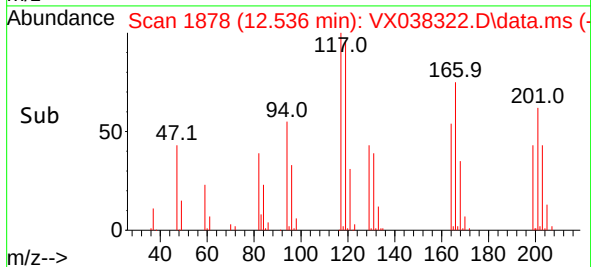
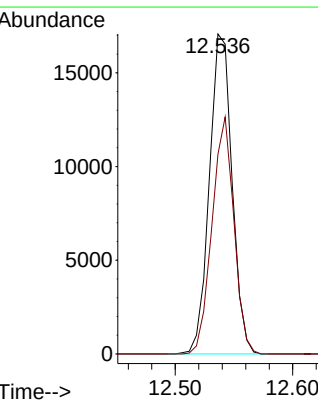
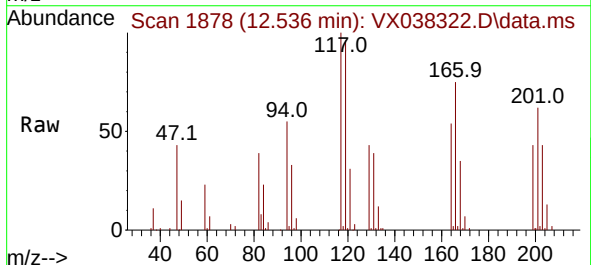
Acq: 17 Oct 2023 12:22

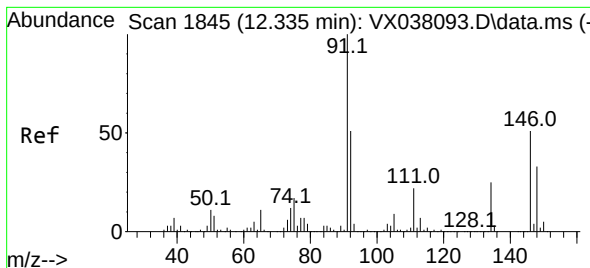
Tgt Ion:117 Resp: 22887

Ion Ratio Lower Upper

117 100

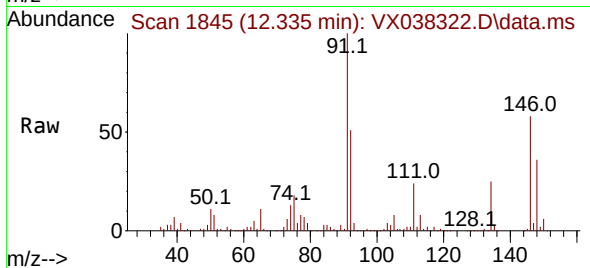
201 71.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.306 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

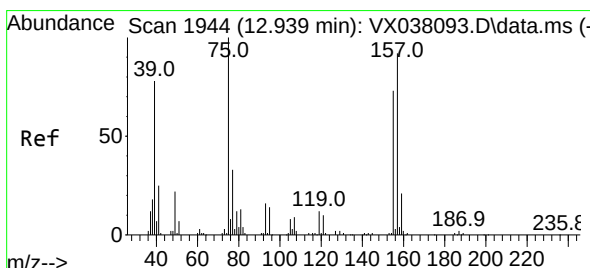
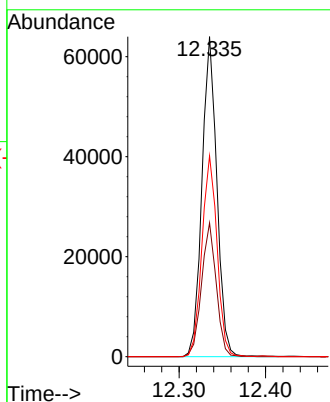
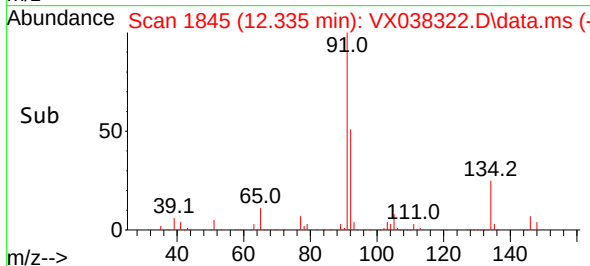
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBSD01



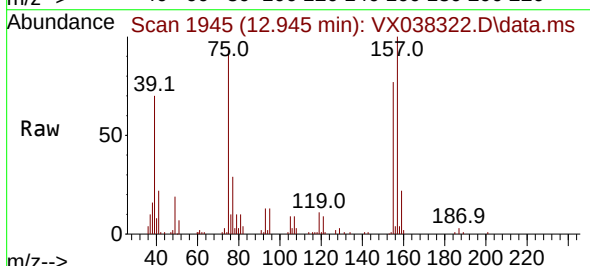
Tgt Ion:146 Resp: 76589
Ion Ratio Lower Upper
146 100
111 41.3 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

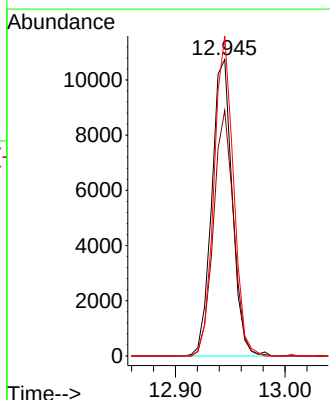
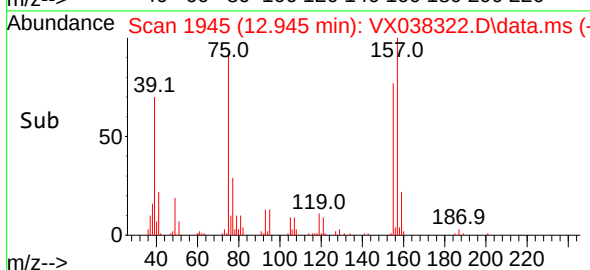
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

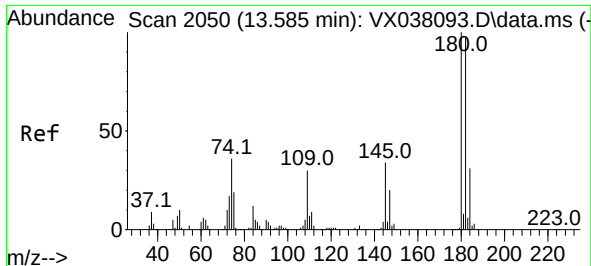


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.648 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22



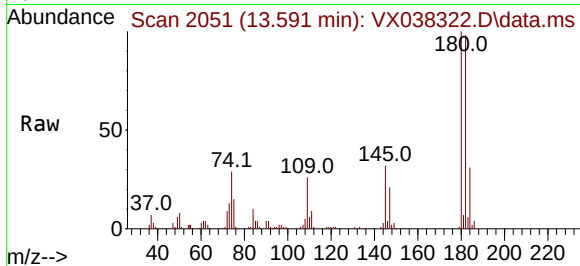
Tgt Ion: 75 Resp: 13949
Ion Ratio Lower Upper
75 100
155 81.2 36.1 108.5
157 102.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.329 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

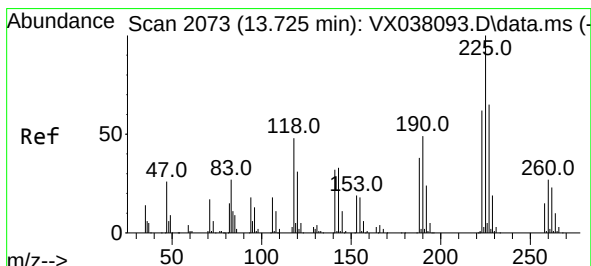
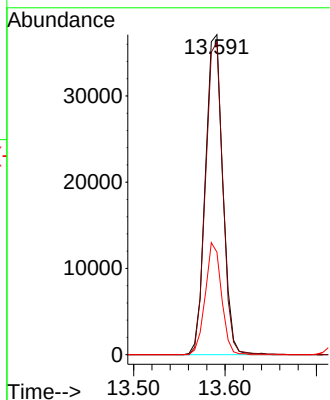
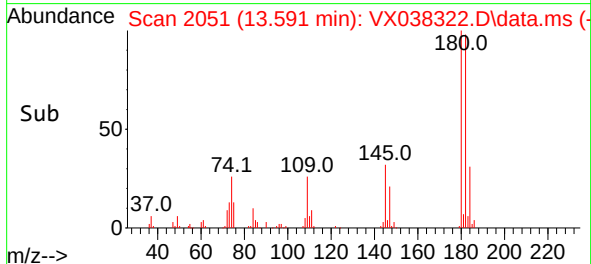
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01



Tgt Ion:180 Resp: 4889
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.8
145 32.6 18.0 54.0

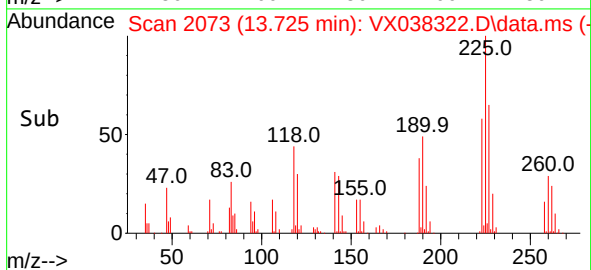
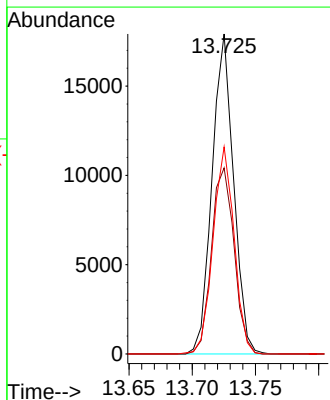
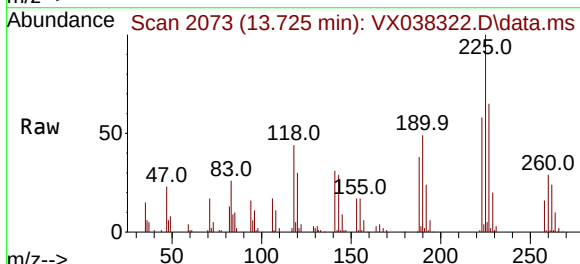
Manual Integrations
APPROVED

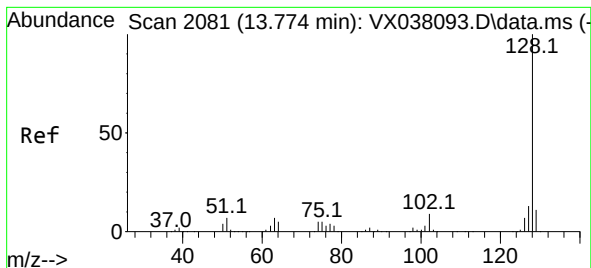
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#94
Hexachlorobutadiene
Concen: 20.783 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038322.D
Acq: 17 Oct 2023 12:22

Tgt Ion:225 Resp: 21161
Ion Ratio Lower Upper
225 100
223 61.2 31.1 93.2
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 18.810 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBSD01

Tgt Ion:128 Resp: 16571

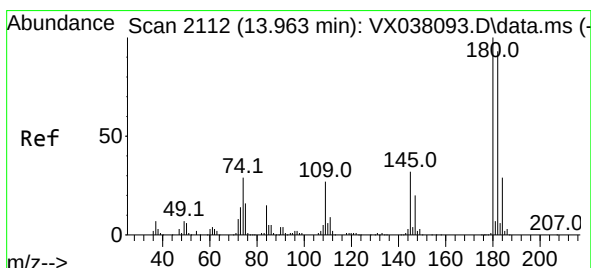
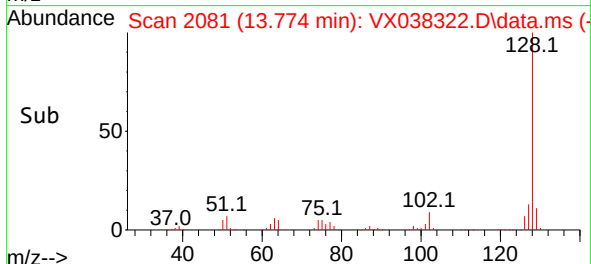
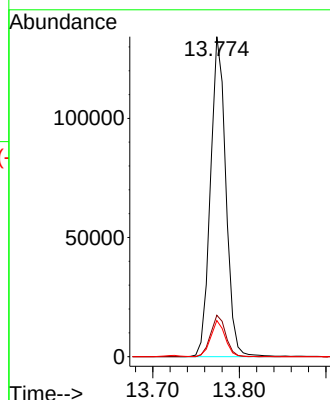
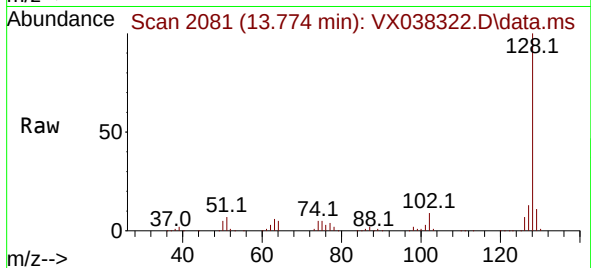
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.671 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038322.D

Acq: 17 Oct 2023 12:22

Tgt Ion:180 Resp: 48184

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.6
145	32.4	17.8	53.5

