

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030298.D
 Acq On : 29 Jul 2022 13:25
 Operator : JC/MD
 Sample : N3975-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220727100-02-VOA

Quant Time: Aug 01 05:12:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	156143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165996	52.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	105.780%		
35) Dibromofluoromethane	5.391	113	128140	48.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	8.653	98	492324	48.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.180%		
62) 4-Bromofluorobenzene	11.085	95	173656	46.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	841	0.328	ug/l	79
5) Bromomethane	1.605	94	419	Below Cal	#	63
6) Chloroethane	1.685	64	1035	0.705	ug/l	# 80
8) Diethyl Ether	2.136	74	17160	13.007	ug/l	97
10) Methyl Iodide	2.459	142	605	1.766	ug/l	# 85
11) Tert butyl alcohol	2.965	59	165224	215.827	ug/l	97
13) Acrolein	2.410	56	5814	30.899	ug/l	# 30
14) Allyl chloride	2.636	41	1425	0.283	ug/l	# 47
16) Acetone	2.380	43	29706	18.488	ug/l	89
18) Methyl Acetate	2.538	43	6553	1.379	ug/l	# 51
19) Methyl tert-butyl Ether	3.117	73	6364	0.762	ug/l	93
20) Methylene Chloride	2.800	84	630	Below Cal	#	78
24) 1,1-Dichloroethane	3.611	63	1749	0.346	ug/l	# 82
25) 2-Butanone	4.581	43	13449	4.981	ug/l	# 71
26) 2,2-Dichloropropane	4.581	77	13912	3.802	ug/l	# 49
27) cis-1,2-Dichloroethene	4.495	96	1003	0.317	ug/l	80
28) Bromochloromethane	5.013	49	507	0.237	ug/l	# 12
29) Tetrahydrofuran	5.013	42	270468	148.878	ug/l	94
36) 1,1-Dichloropropene	5.562	75	13434	3.568	ug/l	# 48
37) Ethyl Acetate	4.581	43	13449	2.523	ug/l	# 28
38) Carbon Tetrachloride	5.550	117	16416	4.671	ug/l	# 17
40) Benzene	6.044	78	20569	1.736	ug/l	96
41) Methacrylonitrile	5.007	41	148198	51.856	ug/l	# 43
43) Isopropyl Acetate	6.349	43	2560	0.328	ug/l	# 61
49) 1,4-Dioxane	7.665	88	15396	173.279	ug/l	94
51) 4-Methyl-2-Pentanone	8.549	43	6942	1.308	ug/l	# 36
52) Toluene	8.726	92	6114	0.846	ug/l	99
55) 1,1,2-Trichloroethane	9.080	97	678	0.220	ug/l	# 23
59) 2-Hexanone	9.567	43	1703	0.407	ug/l	74
65) Chlorobenzene	10.080	112	103293	13.765	ug/l	98
67) Ethyl Benzene	10.195	91	30553	Below Cal		99
68) m/p-Xylenes	10.305	106	14783	2.908	ug/l	91
69) o-Xylene	10.647	106	18045	3.602	ug/l	88
70) Styrene	10.653	104	2014	0.245	ug/l	# 1
73) Isopropylbenzene	10.964	105	6452	0.535	ug/l	99
74) N-amyl acetate	10.884	43	3220	0.550	ug/l	# 44

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

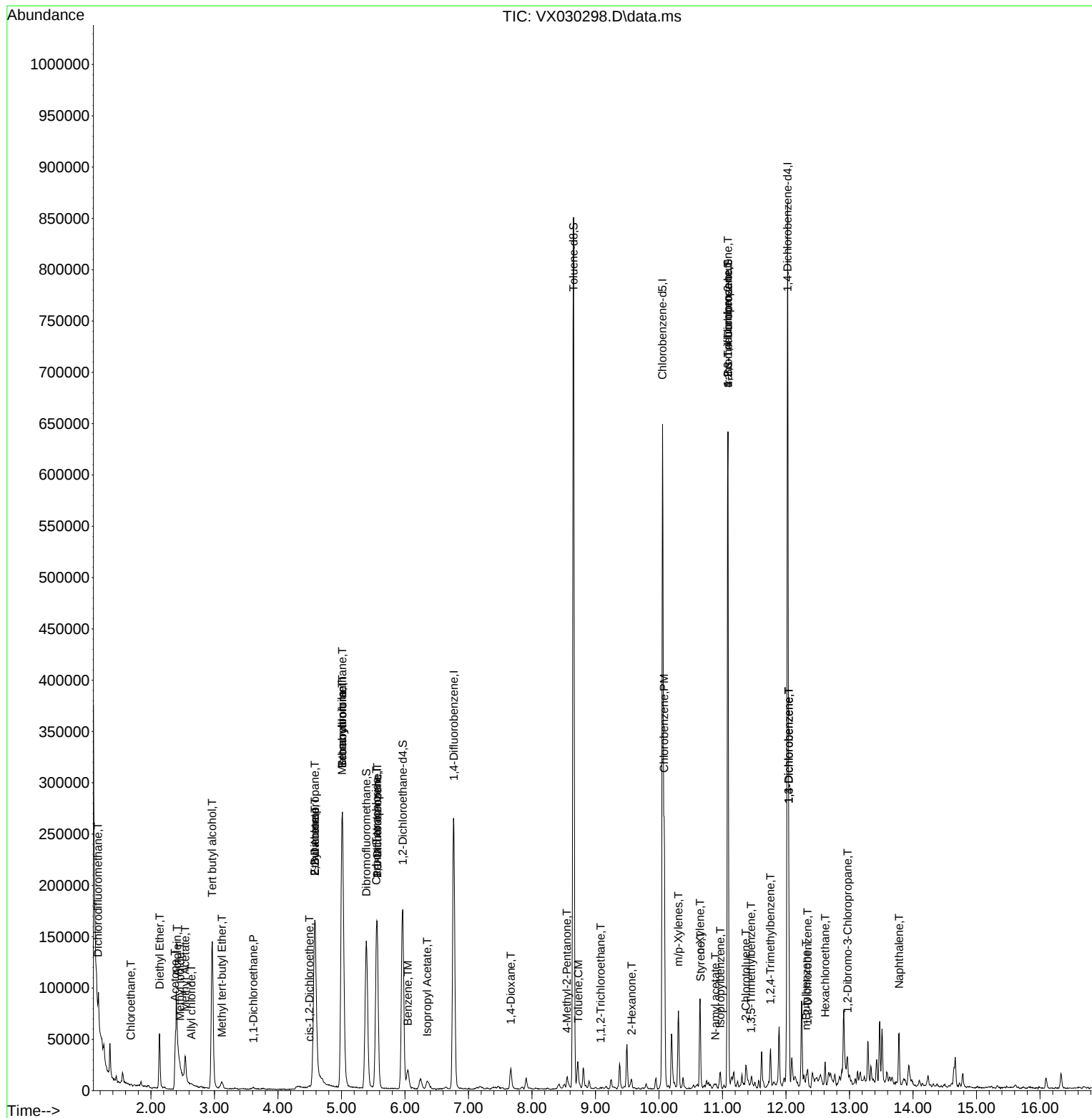
76) 1,2,3-Trichloropropane	11.085	75	88176	21.661	ug/l #	38
79) 2-Chlorotoluene	11.366	91	8842	0.973	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3727	0.369	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	88176	64.981	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.756	105	15892	1.578	ug/l	96
87) 1,3-Dichlorobenzene	12.043	146	50805	9.232	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	50805	9.069	ug/l	97
89) n-Butylbenzene	12.317	91	1944	0.204	ug/l #	15
90) Hexachloroethane	12.616	117	1131	0.641	ug/l #	16
91) 1,2-Dichlorobenzene	12.341	146	3657	0.677	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.969	75	421	0.398	ug/l #	1
95) Naphthalene	13.780	128	29568	2.417	ug/l	96

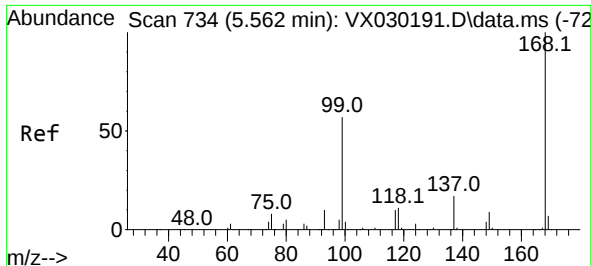
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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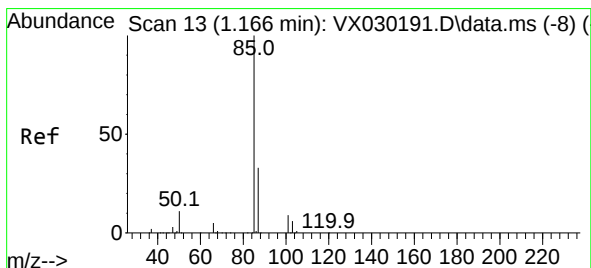
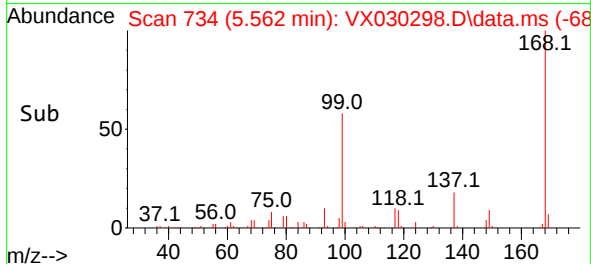
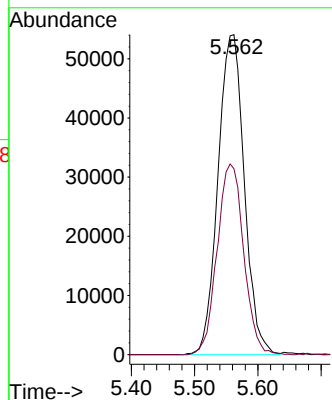
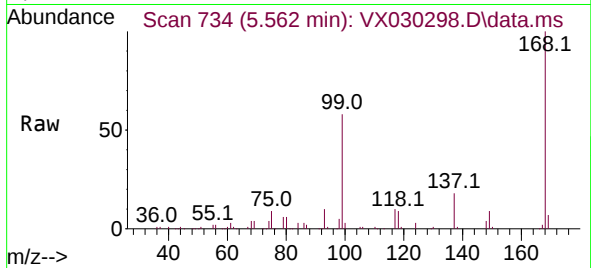




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

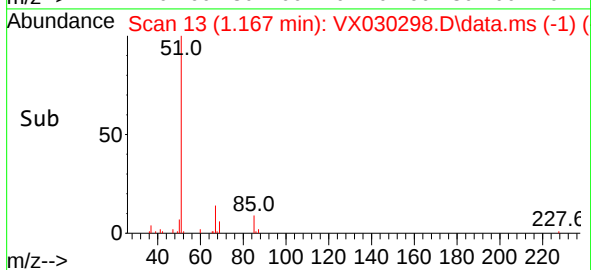
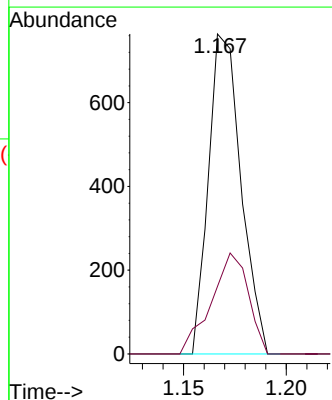
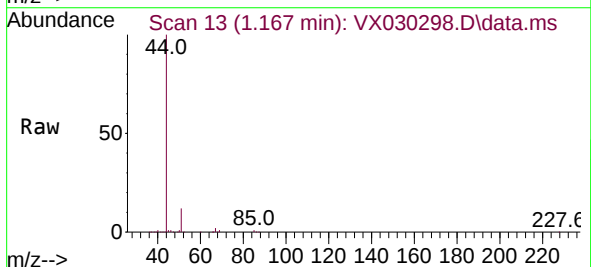
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ClientSampleId :
220727100-02-VOA

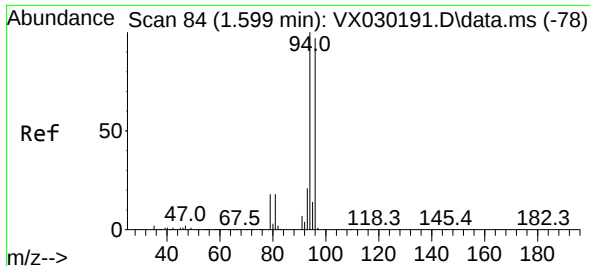
Tgt Ion:168 Resp: 156143
Ion Ratio Lower Upper
168 100
99 58.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.328 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 85 Resp: 841
Ion Ratio Lower Upper
85 100
87 21.1 16.5 49.5

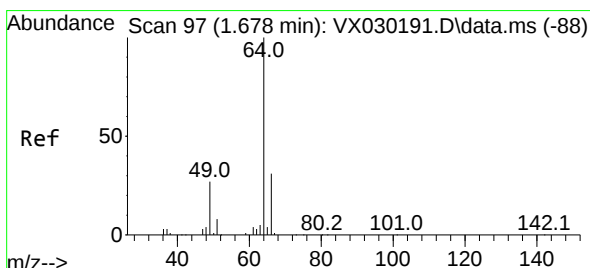
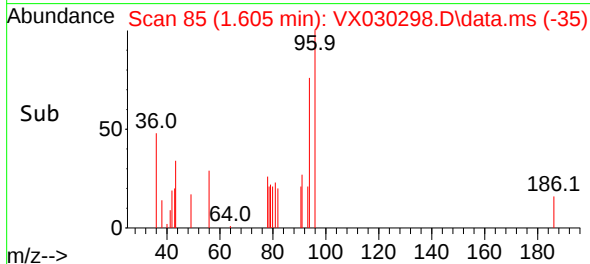
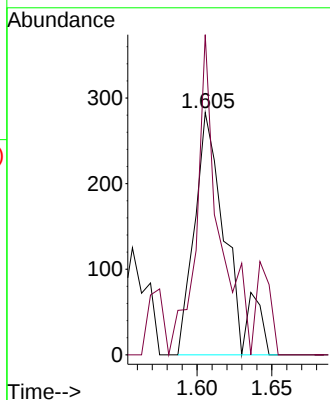
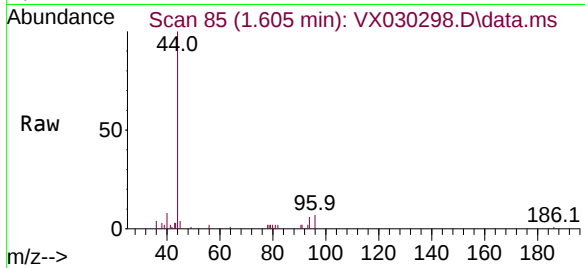




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

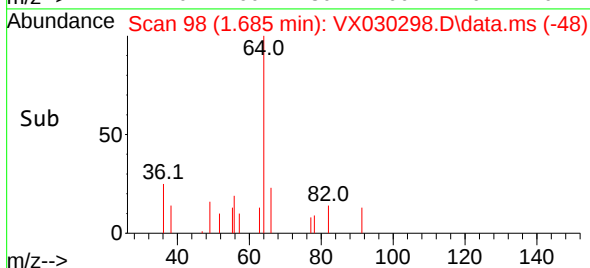
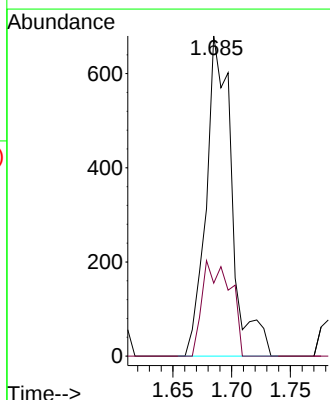
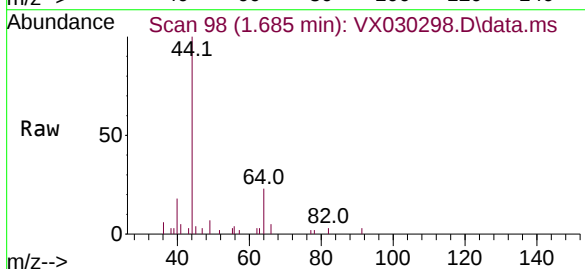
Instrument :
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ClientSampleId :
220727100-02-VOA

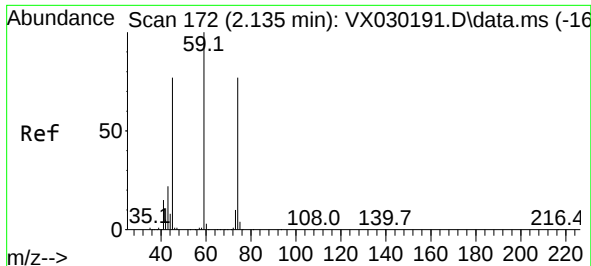
Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 132.2 76.9 115.3#



#6
Chloroethane
Concen: 0.705 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 64 Resp: 1035
Ion Ratio Lower Upper
64 100
66 22.8 27.2 40.8#

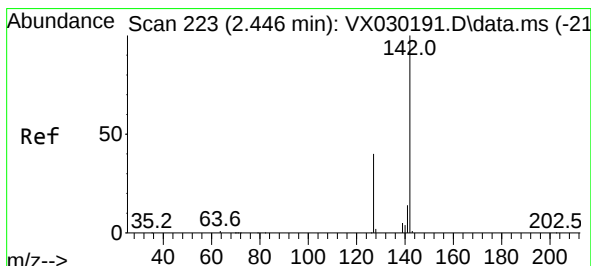
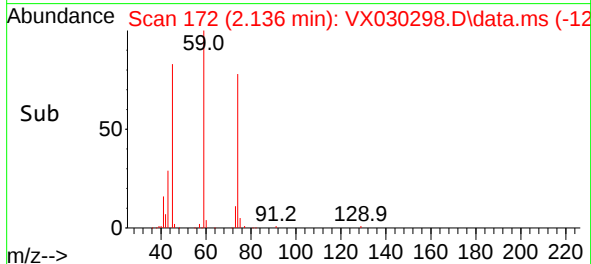
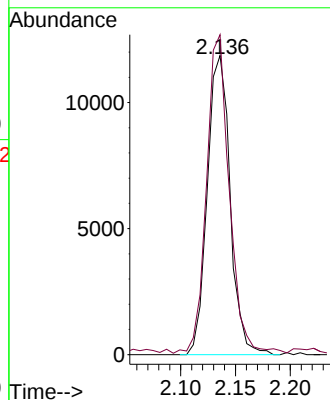
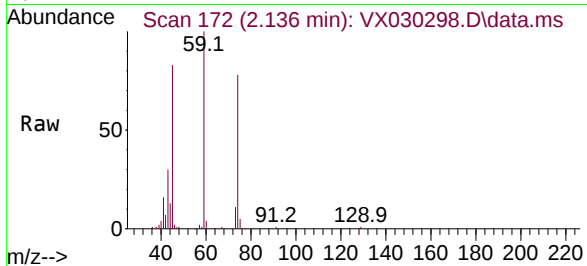




#8
Diethyl Ether
Concen: 13.007 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

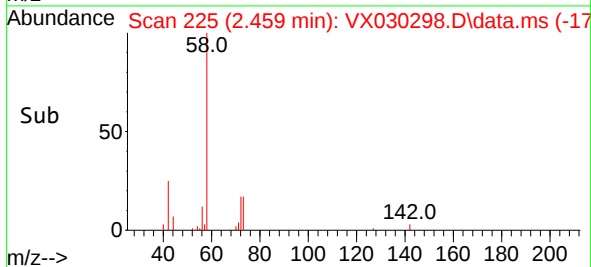
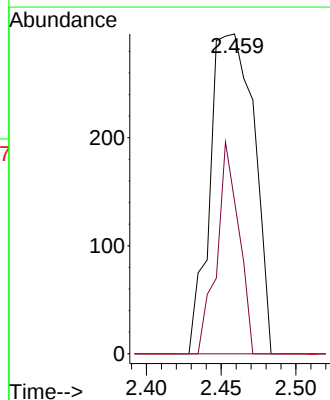
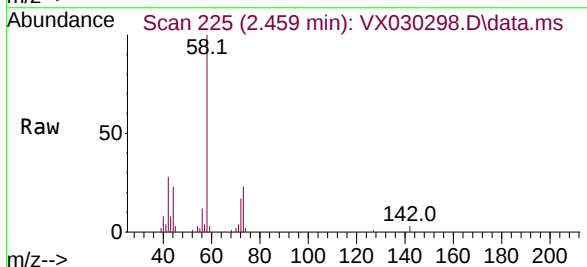
Instrument :
MSVOA_X
ClientSampleId :
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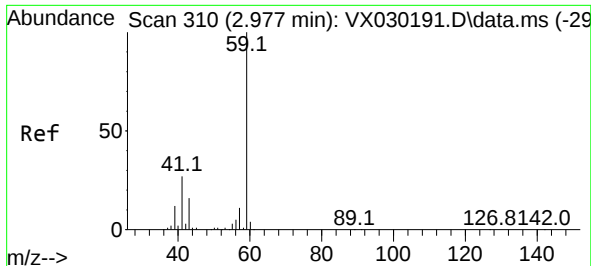
Tgt Ion: 74 Resp: 17160
Ion Ratio Lower Upper
74 100
45 106.0 51.5 154.7



#10
Methyl Iodide
Concen: 1.766 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 142 Resp: 605
Ion Ratio Lower Upper
142 100
127 33.1 30.2 45.2
141 0.0 11.3 16.9#

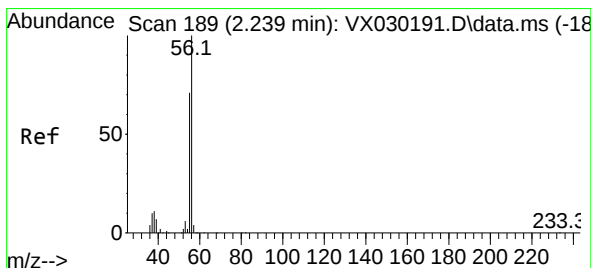
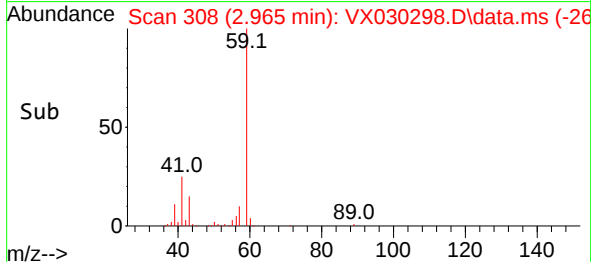
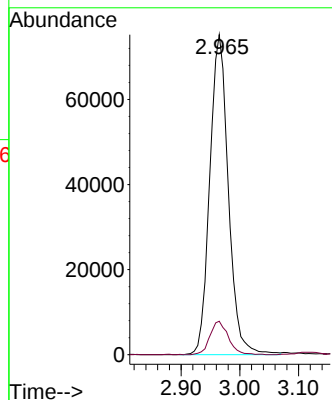
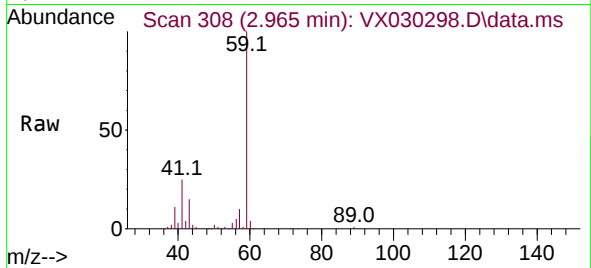




#11
Tert butyl alcohol
Concen: 215.827 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

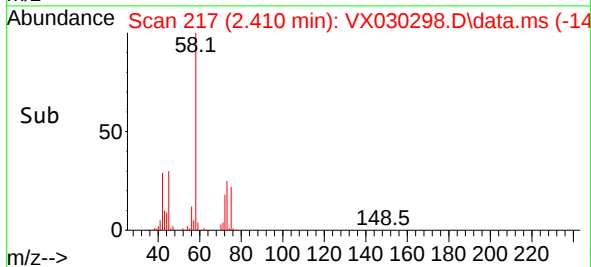
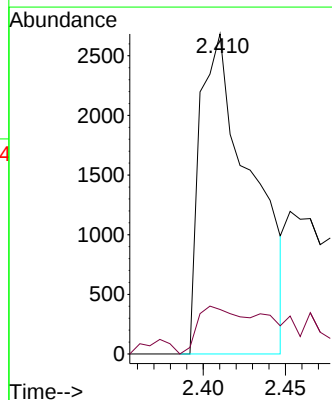
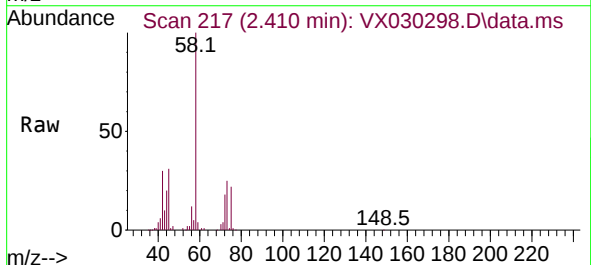
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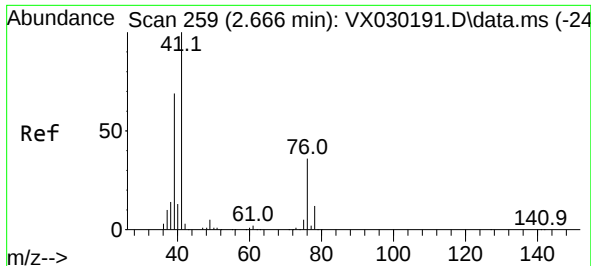
Tgt Ion: 59 Resp: 165224
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2



#13
Acrolein
Concen: 30.899 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.171 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

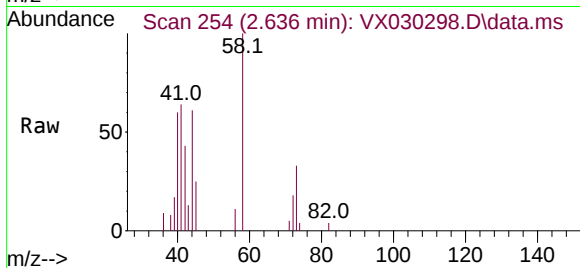
Tgt Ion: 56 Resp: 5814
Ion Ratio Lower Upper
56 100
55 13.4 56.6 84.8#



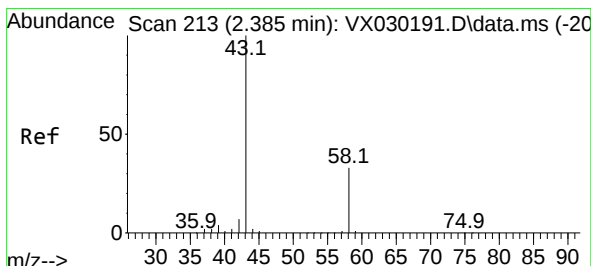
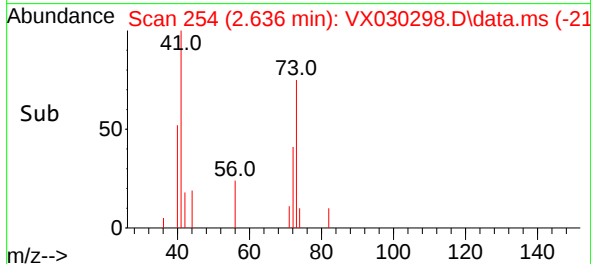
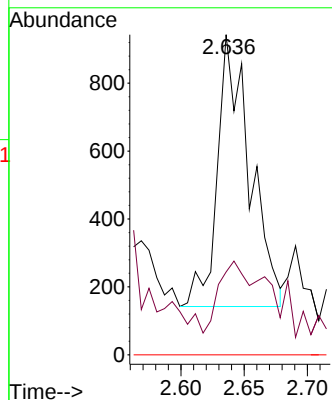


#14
 Allyl chloride
 Concen: 0.283 ug/l
 RT: 2.636 min Scan# 212
 Delta R.T. -0.030 min
 Lab File: VX030298.D
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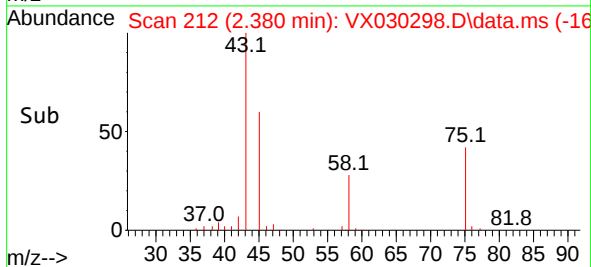
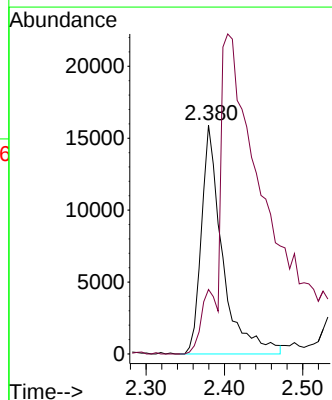
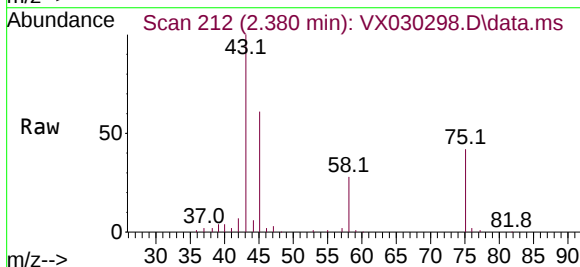


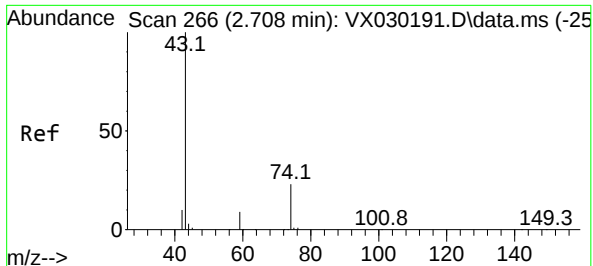
Tgt Ion: 41 Resp: 1425
 Ion Ratio Lower Upper
 41 100
 39 22.7 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 18.488 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.005 min
 Lab File: VX030298.D
 Acq: 29 Jul 2022 13:25

Tgt Ion: 43 Resp: 29706
 Ion Ratio Lower Upper
 43 100
 58 28.2 27.7 41.5





#18

Methyl Acetate

Concen: 1.379 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.170 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

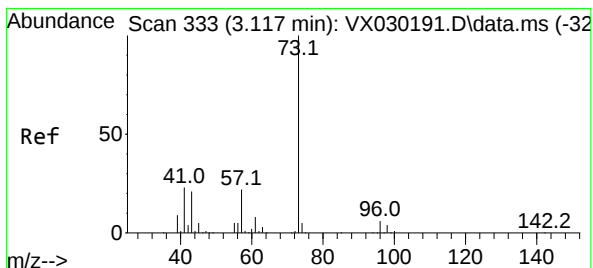
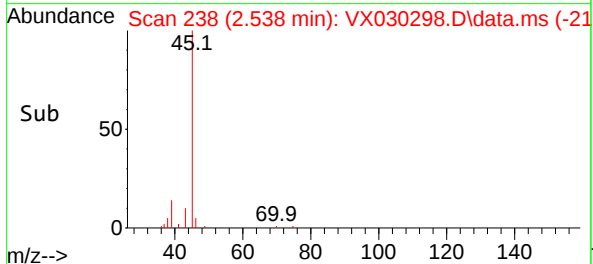
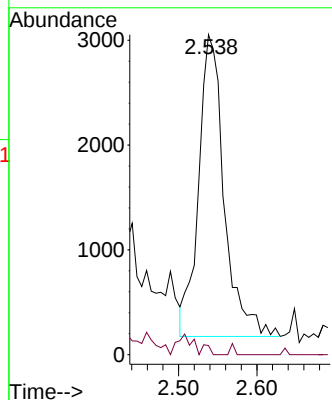
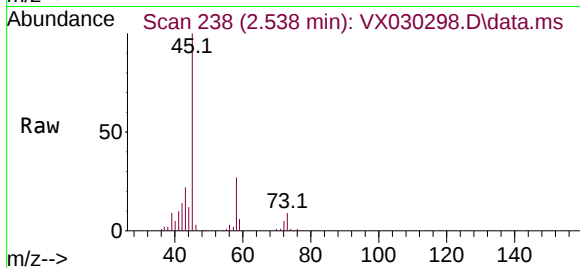
220727100-02-VOA

Tgt Ion: 43 Resp: 6553

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.762 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030298.D

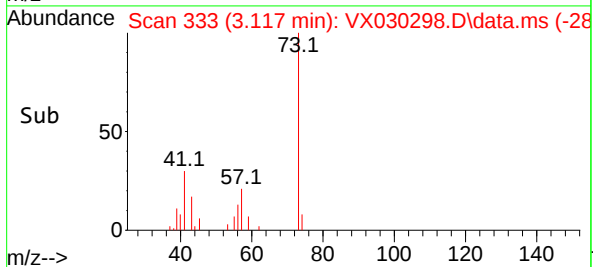
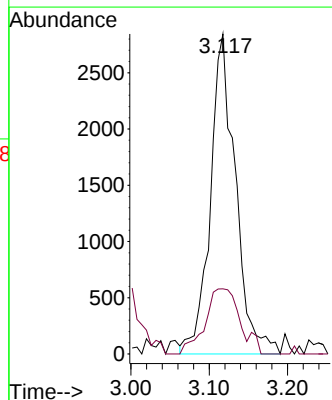
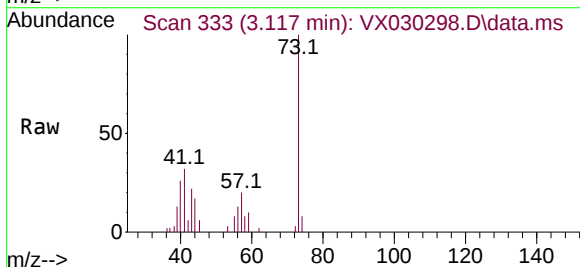
Acq: 29 Jul 2022 13:25

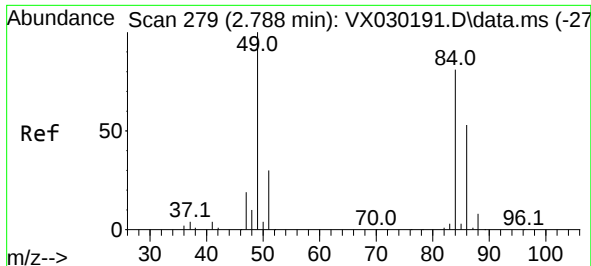
Tgt Ion: 73 Resp: 6364

Ion Ratio Lower Upper

73 100

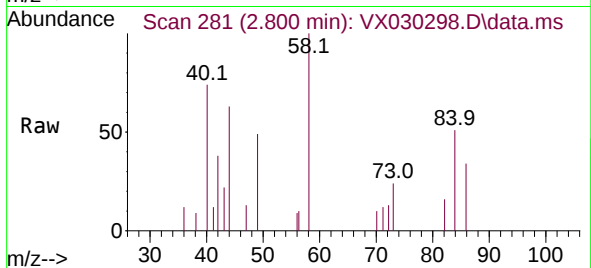
57 20.4 19.0 28.6



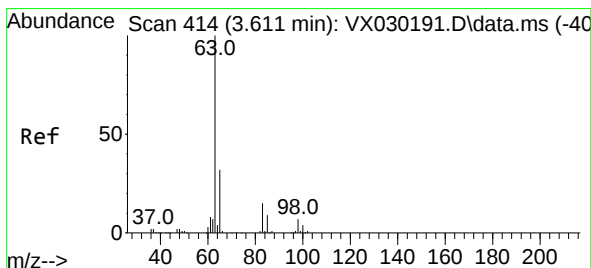
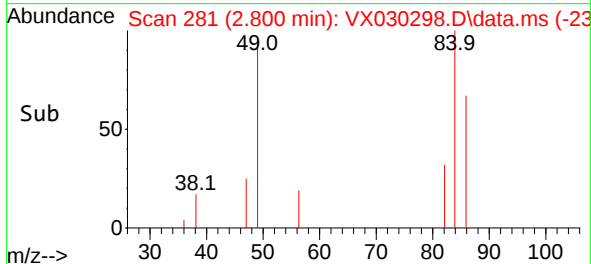
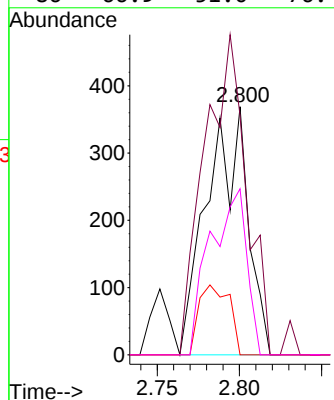


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

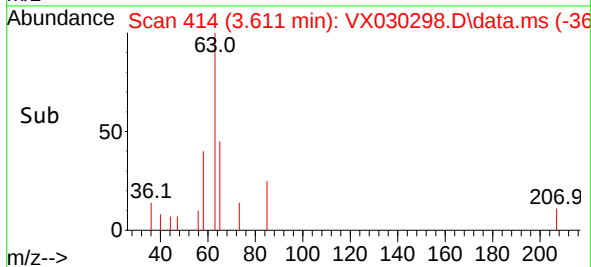
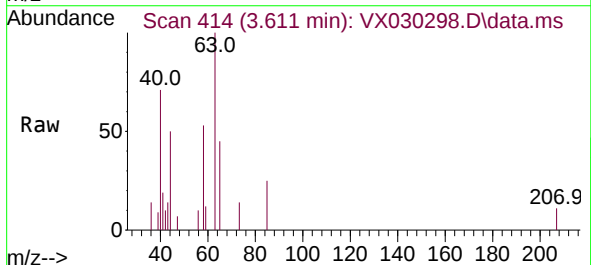
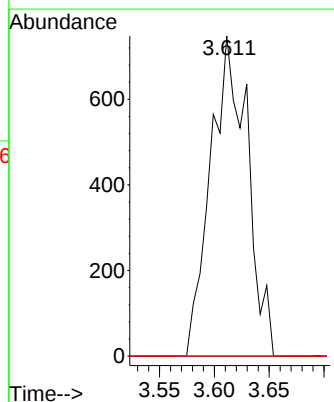


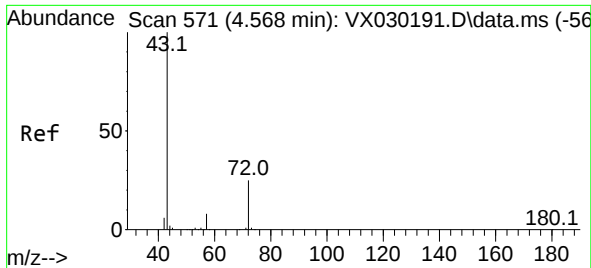
Tgt Ion:	84	Resp:	630
Ion	Ratio	Lower	Upper
84	100		
49	96.5	93.8	140.6
51	0.0	29.4	44.0#
86	66.9	51.0	76.4



#24
1,1-Dichloroethane
Concen: 0.346 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion:	63	Resp:	1749
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	0.0	2.3	6.9#

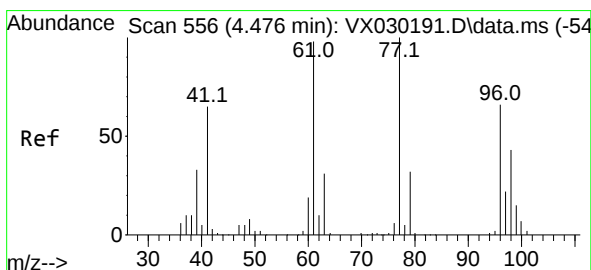
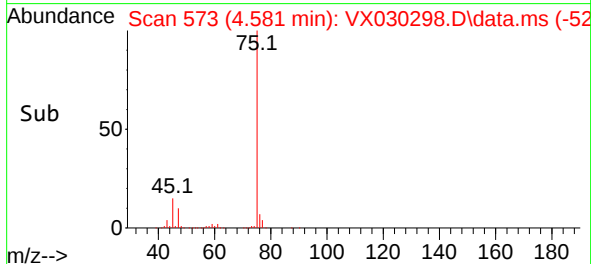
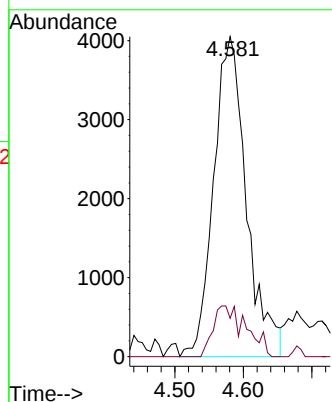
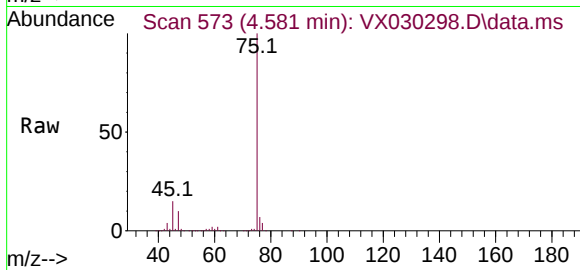




#25
2-Butanone
Concen: 4.981 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

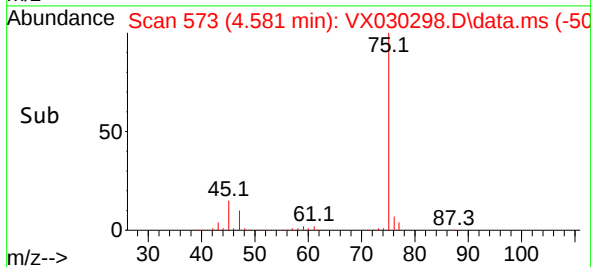
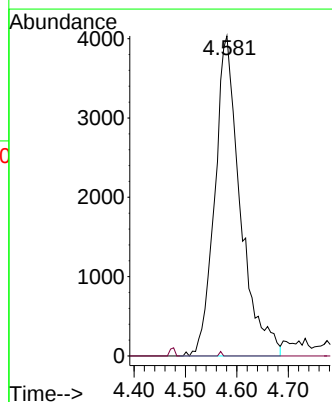
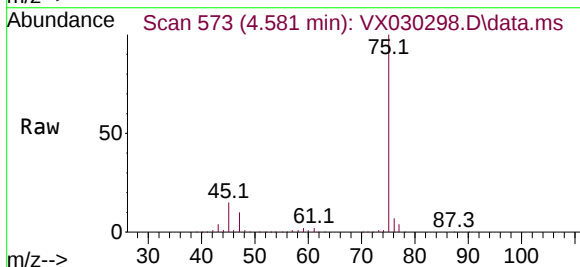
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

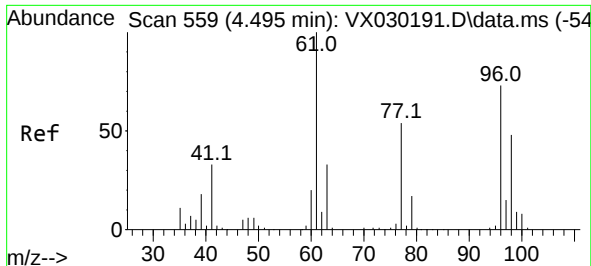
Tgt Ion: 43 Resp: 13449
Ion Ratio Lower Upper
43 100
72 12.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 3.802 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.105 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 77 Resp: 13912
Ion Ratio Lower Upper
77 100
97 0.2 13.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 0.317 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030298.D

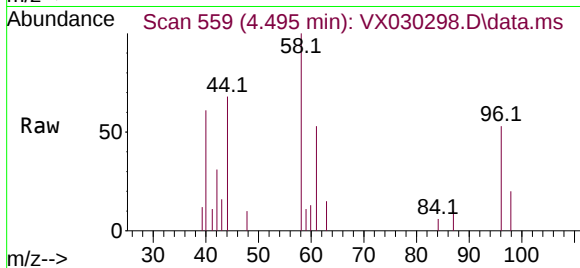
Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA



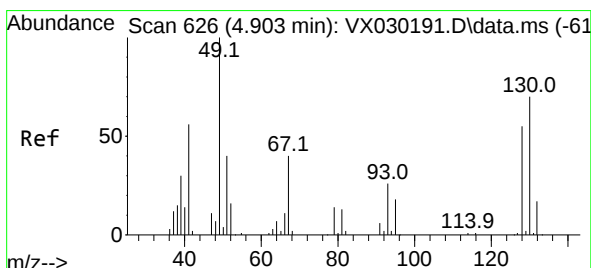
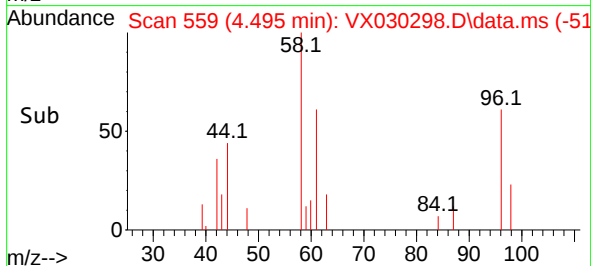
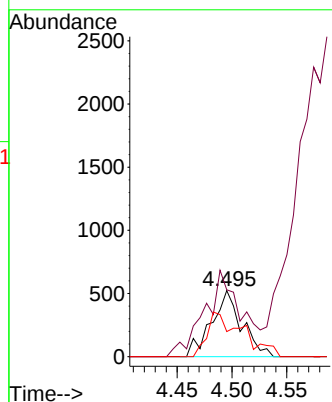
Tgt Ion: 96 Resp: 1003

Ion Ratio Lower Upper

96 100

61 159.8 0.0 270.0

98 78.3 0.0 127.8



#28

Bromochloromethane

Concen: 0.237 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.110 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

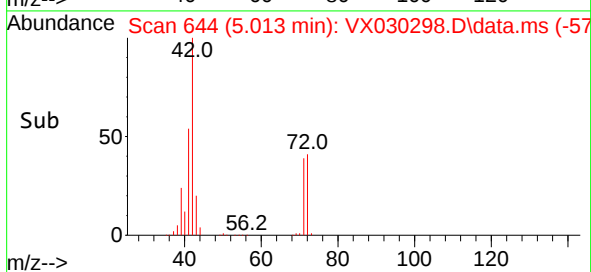
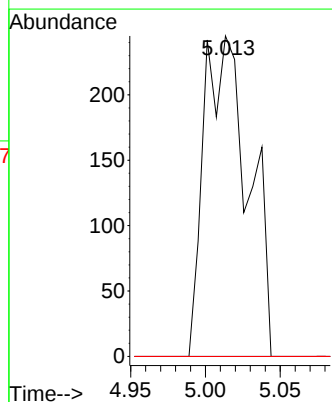
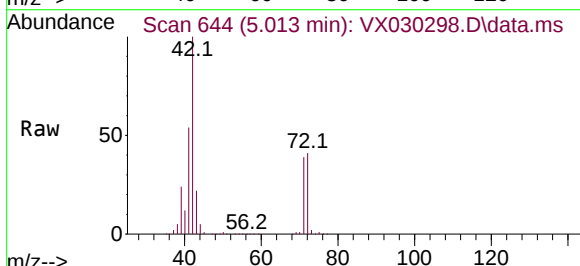
Tgt Ion: 49 Resp: 507

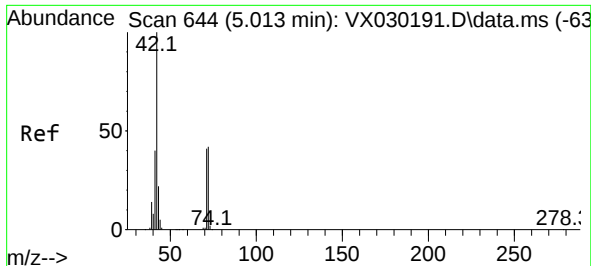
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 0.0 62.8 94.2#





#29

Tetrahydrofuran

Concen: 148.878 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030298.D

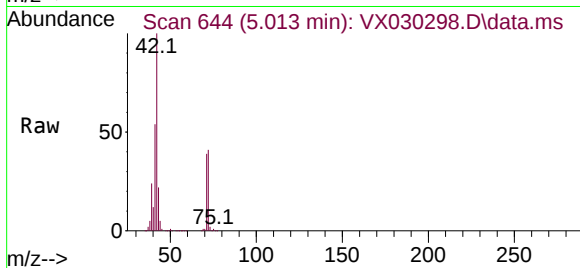
Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA



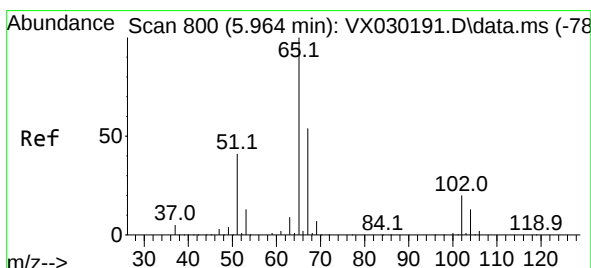
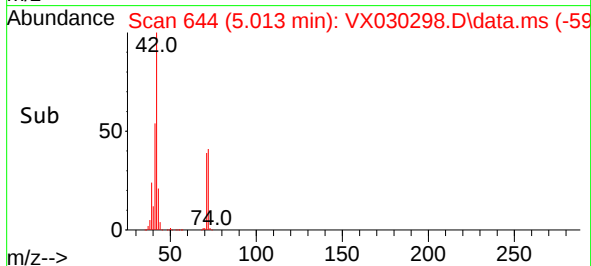
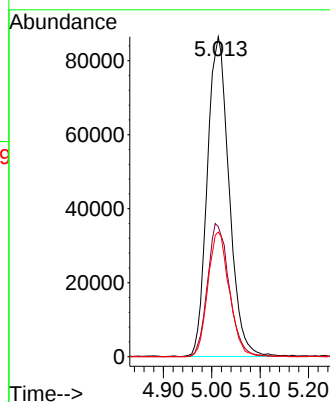
Tgt Ion: 42 Resp: 270468

Ion Ratio Lower Upper

42 100

72 41.5 36.5 54.7

71 38.4 33.9 50.9



#33

1,2-Dichloroethane-d4

Concen: 52.892 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030298.D

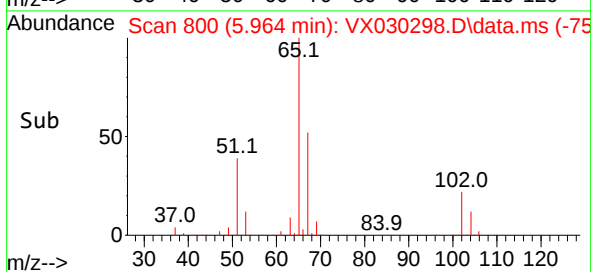
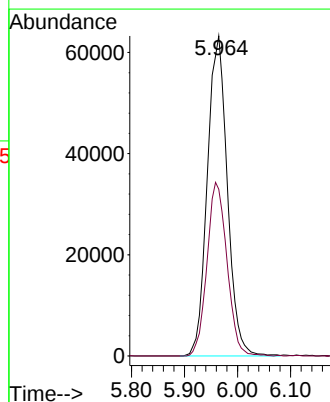
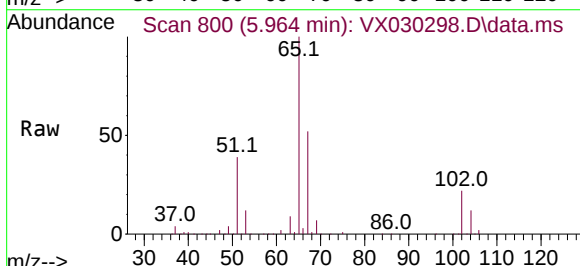
Acq: 29 Jul 2022 13:25

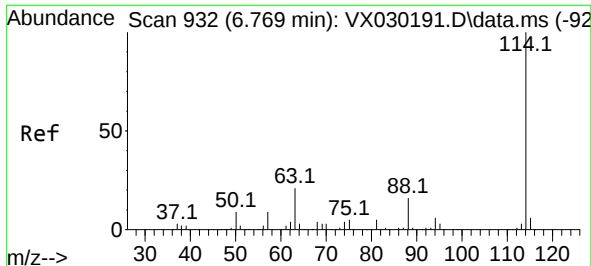
Tgt Ion: 65 Resp: 165996

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6

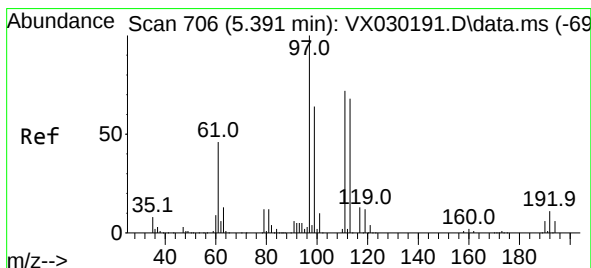
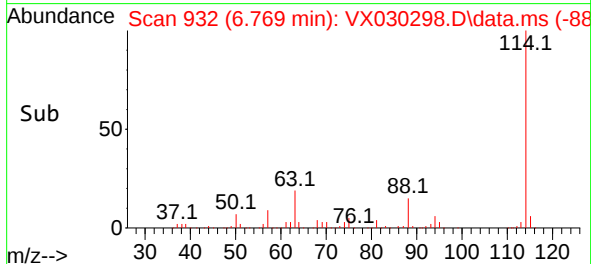
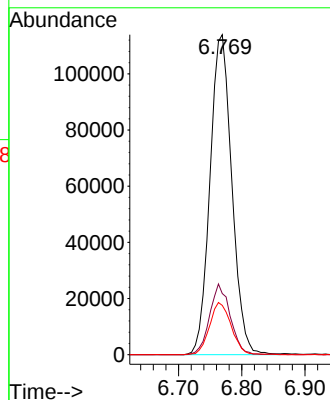
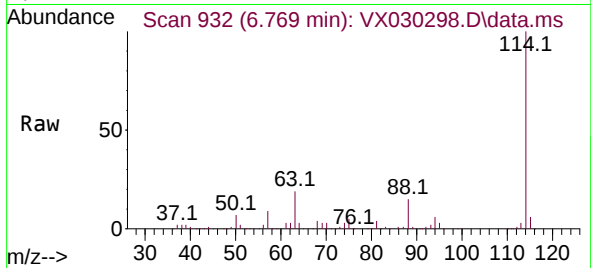




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

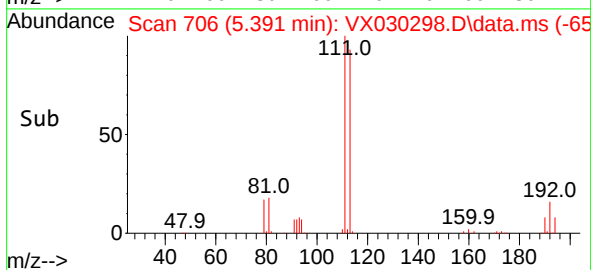
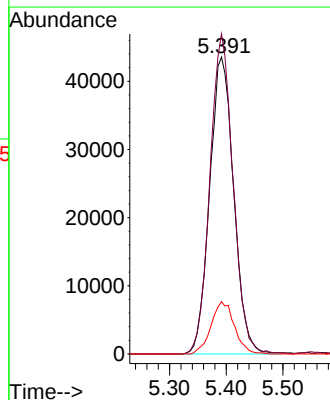
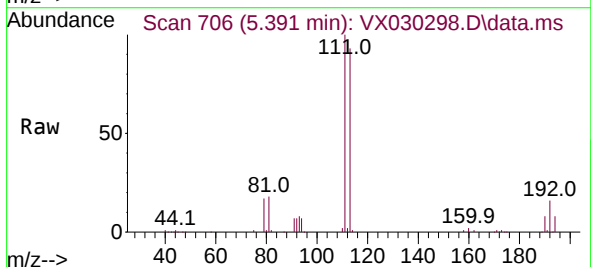
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

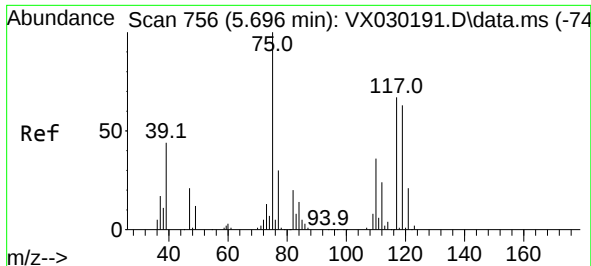
Tgt Ion:114 Resp: 273667
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.981 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion:113 Resp: 128140
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 17.1 14.8 22.2

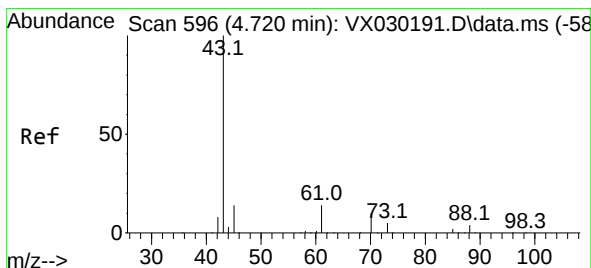
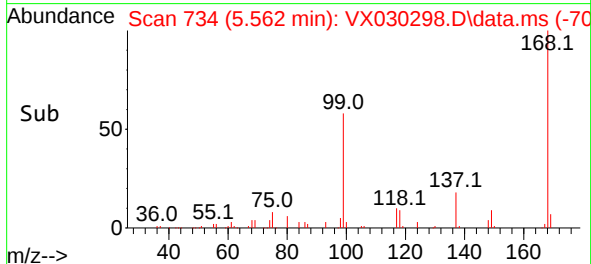
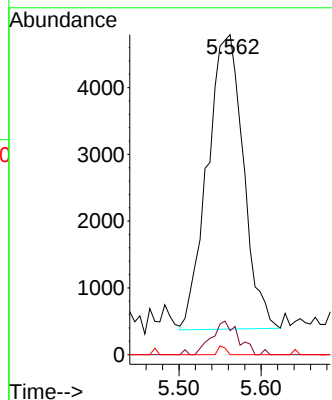
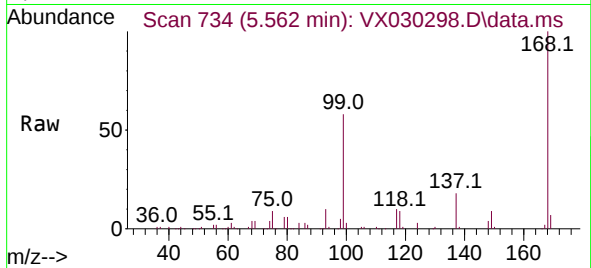




#36
1,1-Dichloropropene
Concen: 3.568 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

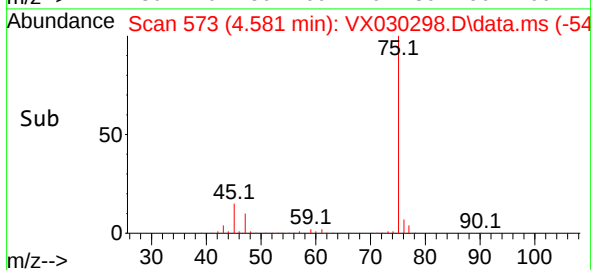
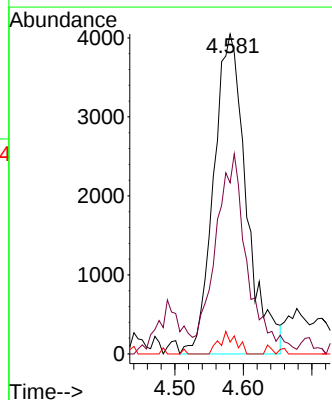
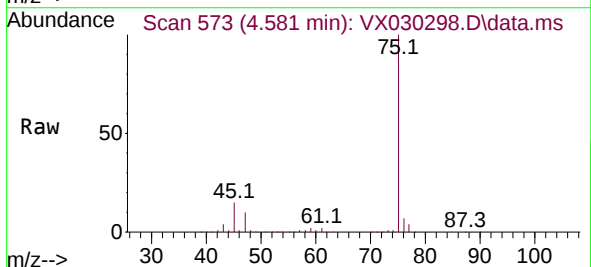
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

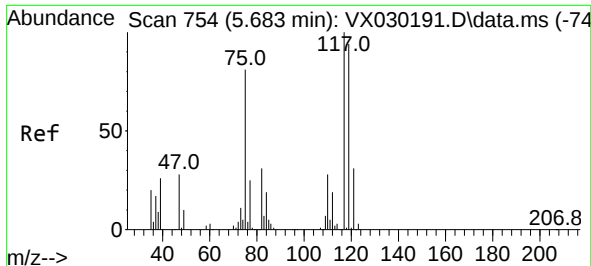
Tgt Ion: 75 Resp: 13434
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.6 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.523 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.139 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 43 Resp: 13449
Ion Ratio Lower Upper
43 100
61 60.7 11.7 17.5#
70 3.5 9.3 13.9#

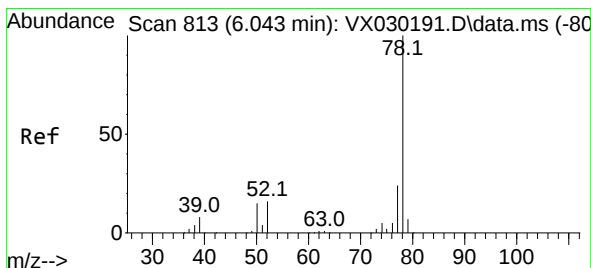
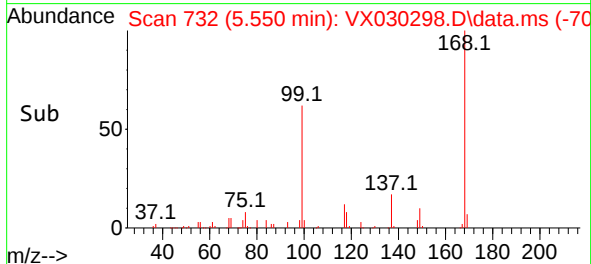
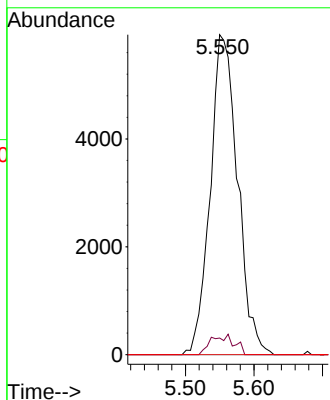
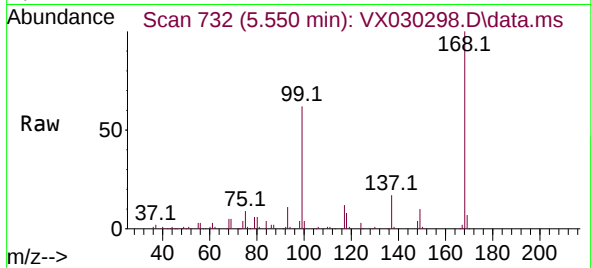




#38
Carbon Tetrachloride
Concen: 4.671 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.133 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

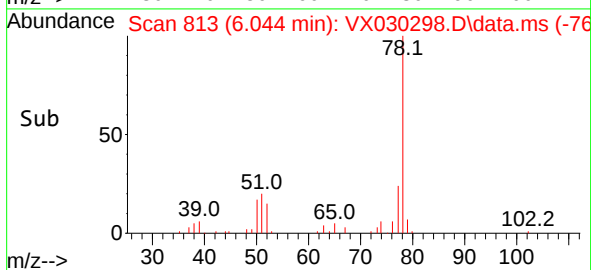
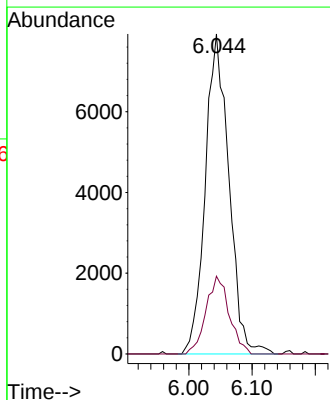
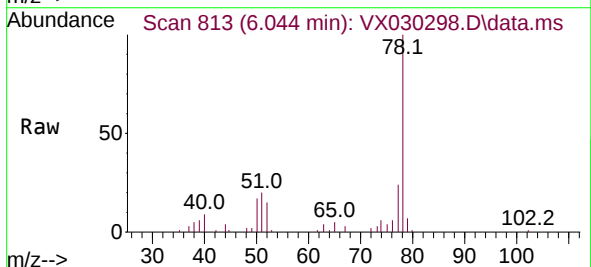
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

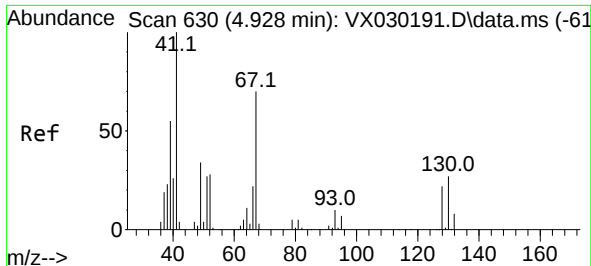
Tgt Ion:117 Resp: 16416
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 1.736 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 78 Resp: 20569
Ion Ratio Lower Upper
78 100
77 24.3 18.0 27.0

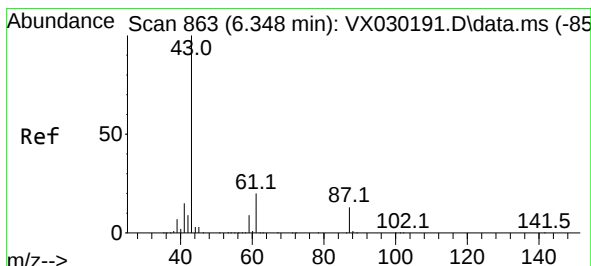
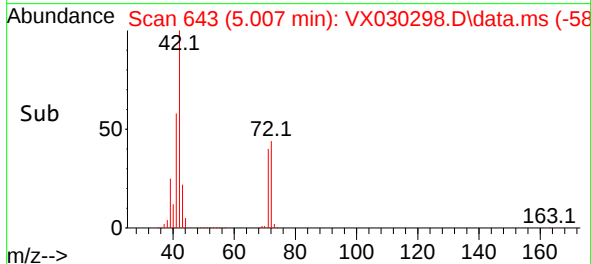
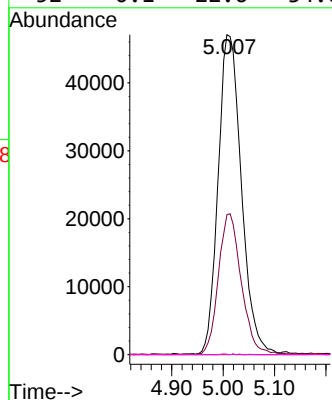
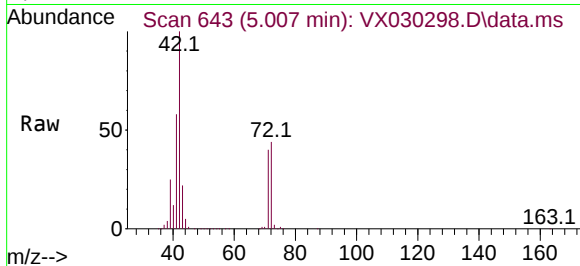




#41
Methacrylonitrile
Concen: 51.856 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.079 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

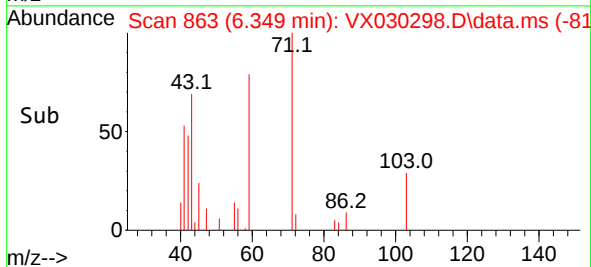
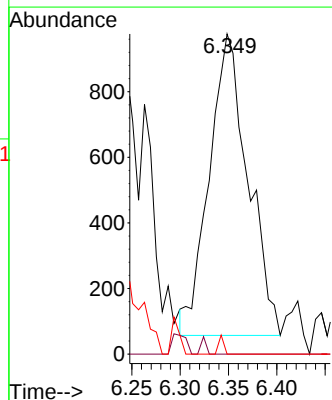
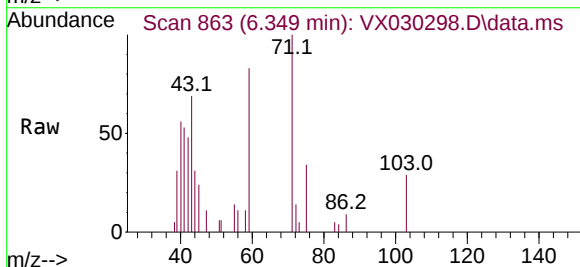
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

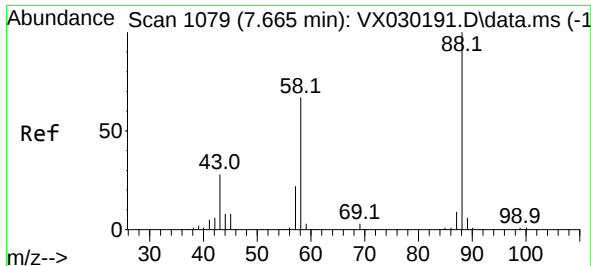
Tgt Ion: 41	Resp: 148198
Ion Ratio	Lower Upper
41 100	
39 43.5	42.9 64.3
67 0.0	60.1 90.1#
52 0.1	22.6 34.0#



#43
Isopropyl Acetate
Concen: 0.328 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 43	Resp: 2560
Ion Ratio	Lower Upper
43 100	
61 0.0	16.5 24.7#
87 0.8	11.1 16.7#





#49

1,4-Dioxane

Concen: 173.279 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA

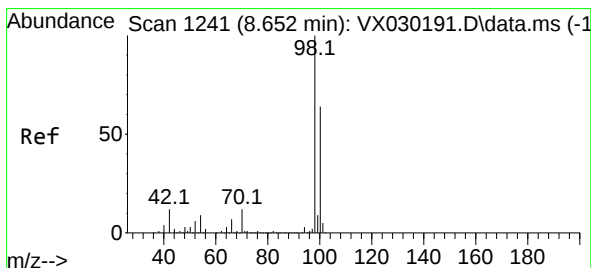
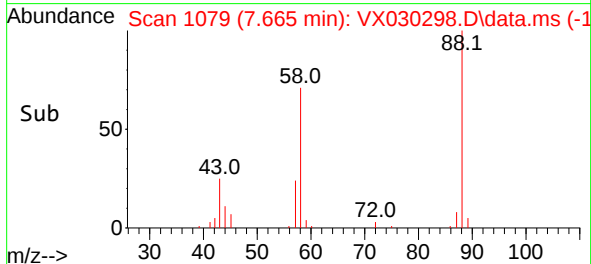
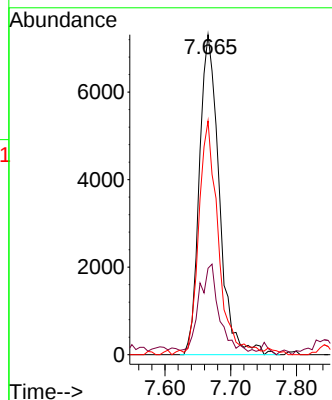
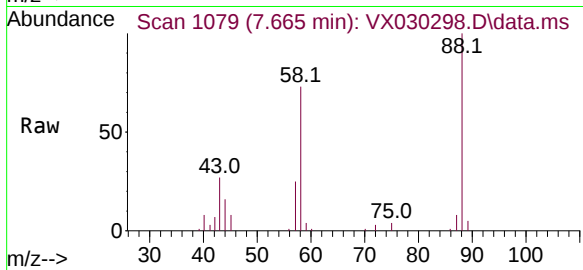
Tgt Ion: 88 Resp: 15396

Ion Ratio Lower Upper

88 100

43 26.7 23.8 35.8

58 71.8 53.8 80.6



#50

Toluene-d8

Concen: 48.594 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030298.D

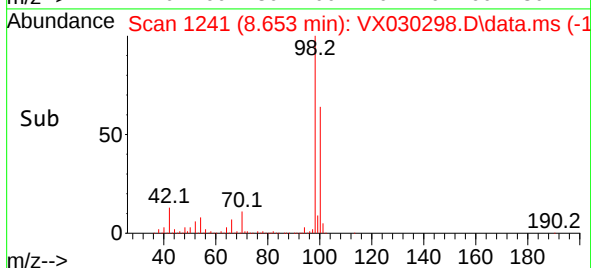
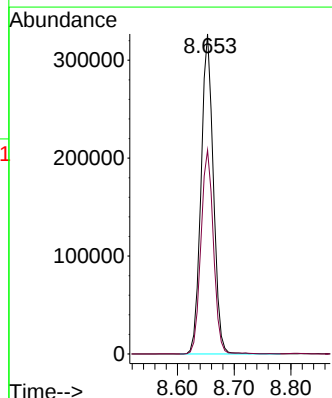
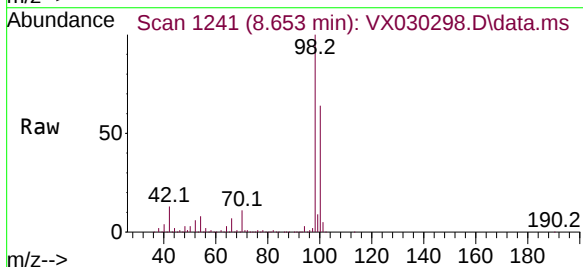
Acq: 29 Jul 2022 13:25

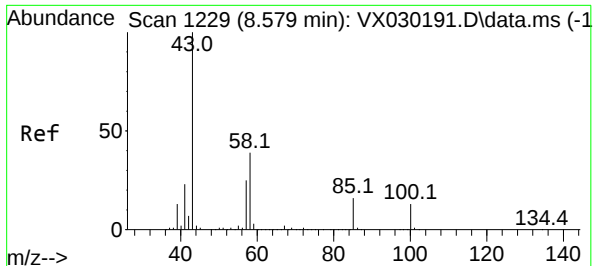
Tgt Ion: 98 Resp: 492324

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5

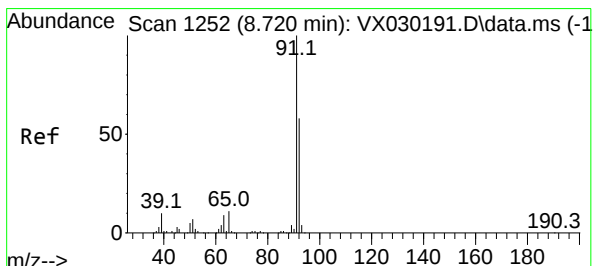
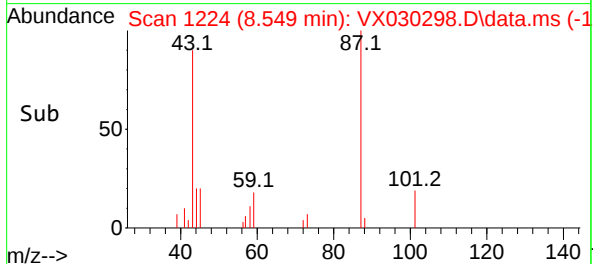
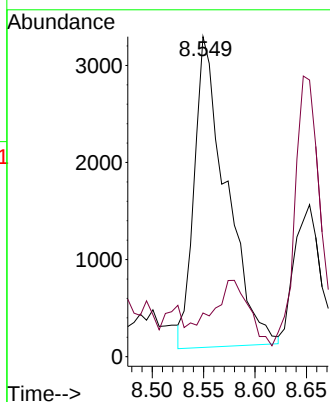
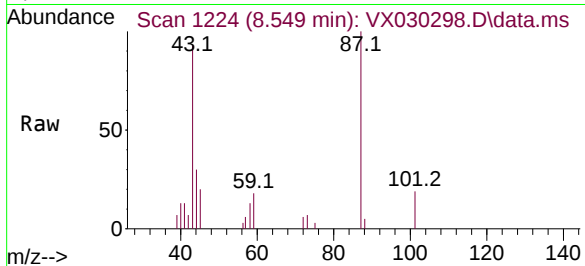




#51
4-Methyl-2-Pentanone
Concen: 1.308 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

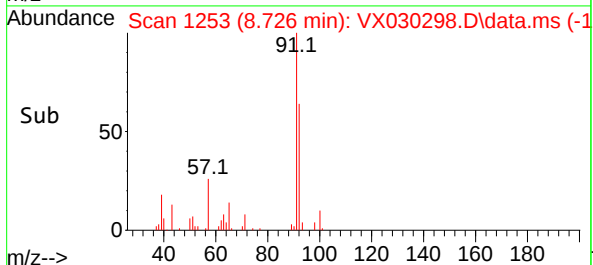
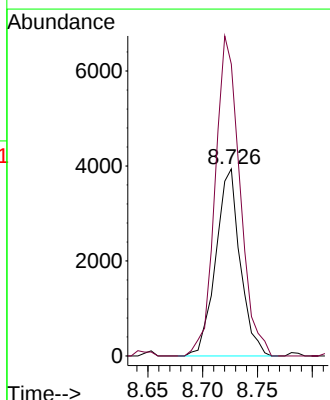
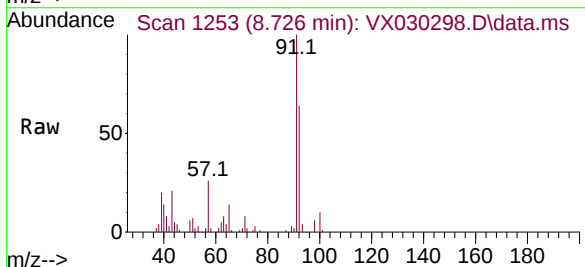
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

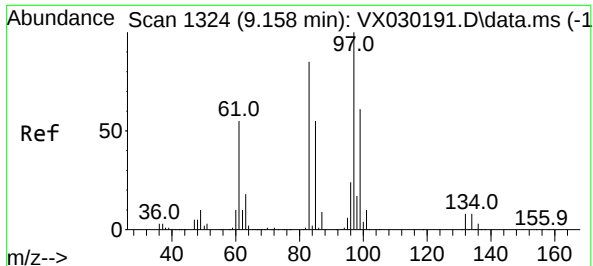
Tgt Ion: 43 Resp: 6942
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#



#52
Toluene
Concen: 0.846 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 92 Resp: 6114
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





#55

1,1,2-Trichloroethane

Concen: 0.220 ug/l

RT: 9.080 min Scan# 11

Delta R.T. -0.078 min

Lab File: VX030298.D

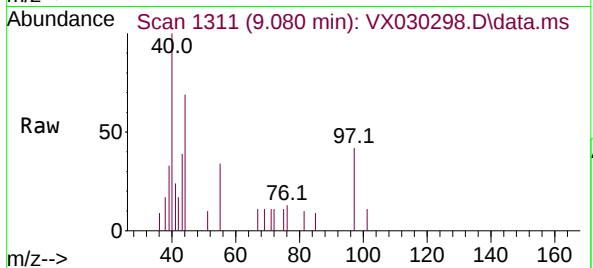
Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA



Tgt Ion: 97 Resp: 678

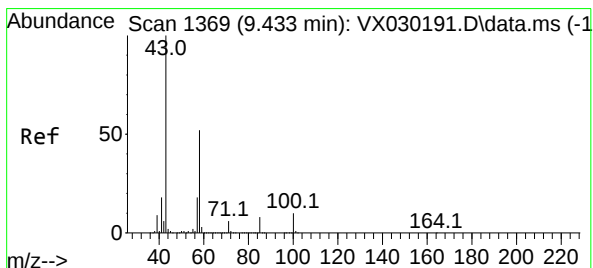
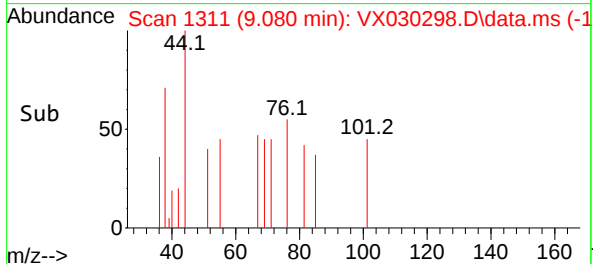
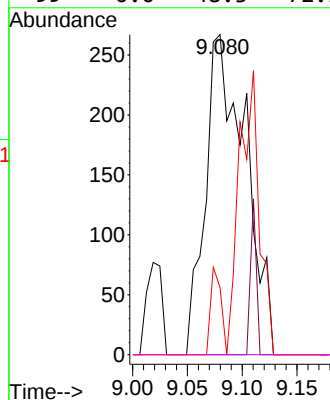
Ion Ratio Lower Upper

97 100

83 0.0 68.9 103.3#

85 21.0 44.0 66.0#

99 0.0 48.3 72.5#



#59

2-Hexanone

Concen: 0.407 ug/l

RT: 9.567 min Scan# 1391

Delta R.T. 0.134 min

Lab File: VX030298.D

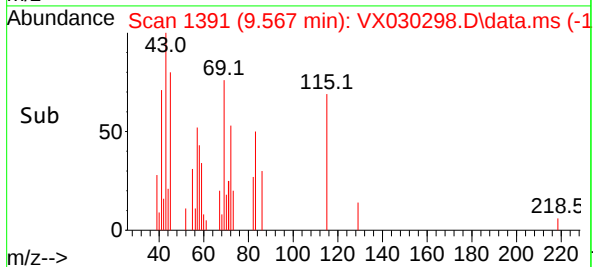
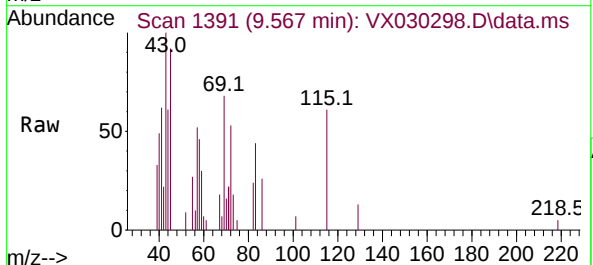
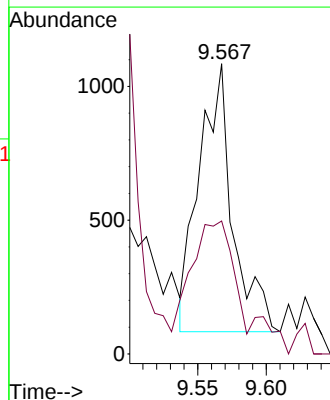
Acq: 29 Jul 2022 13:25

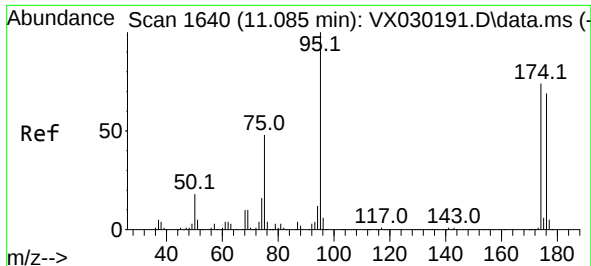
Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

58 74.2 27.6 82.8

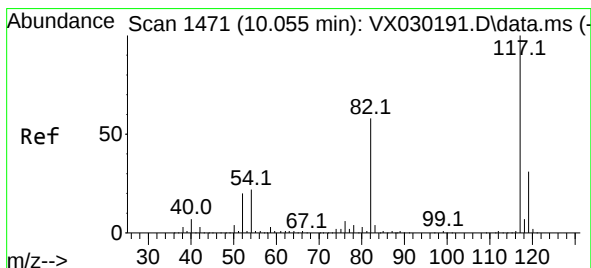
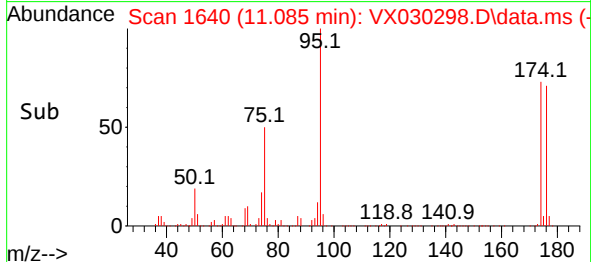
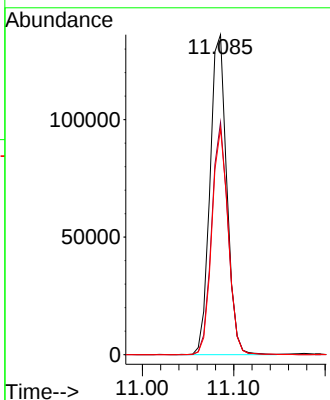
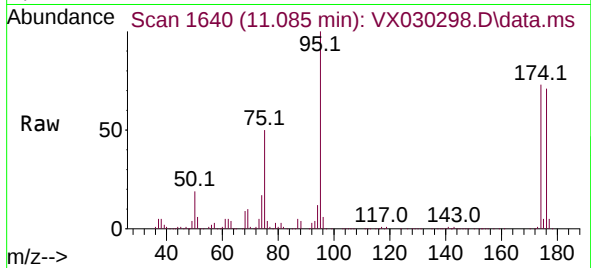




#62
4-Bromofluorobenzene
Concen: 46.185 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

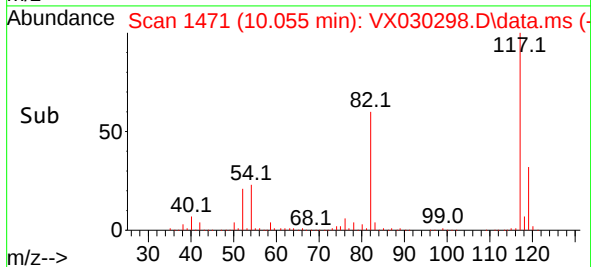
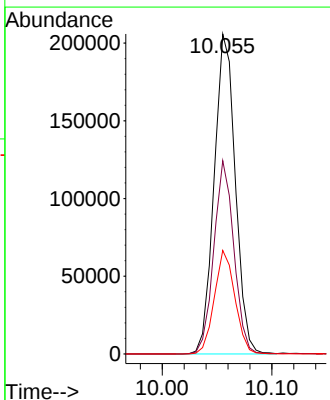
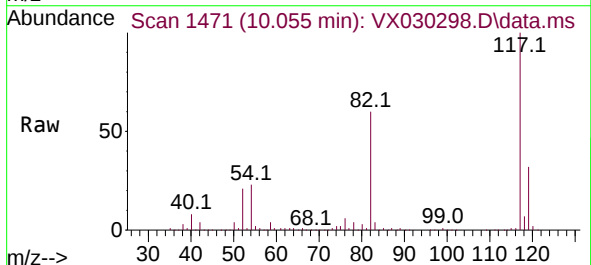
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

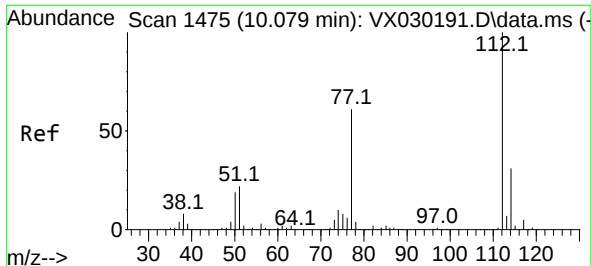
Tgt Ion: 95 Resp: 173656
Ion Ratio Lower Upper
95 100
174 70.5 0.0 149.0
176 69.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 117 Resp: 276251
Ion Ratio Lower Upper
117 100
82 60.4 42.7 64.1
119 32.4 25.4 38.2

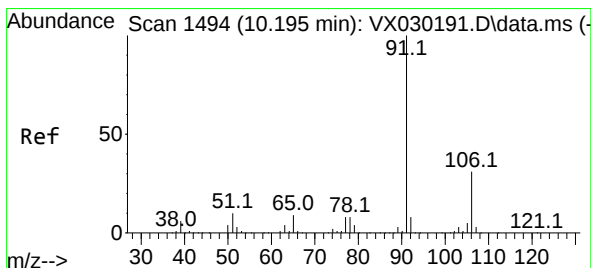
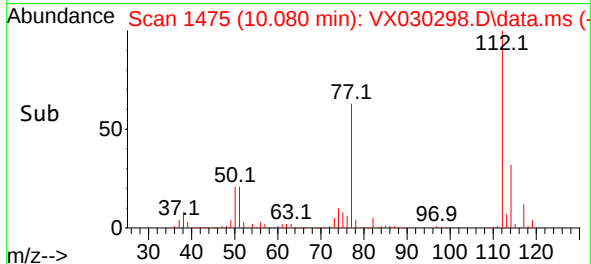
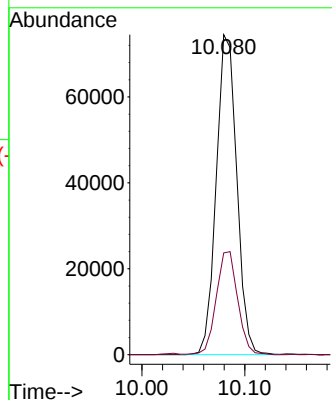
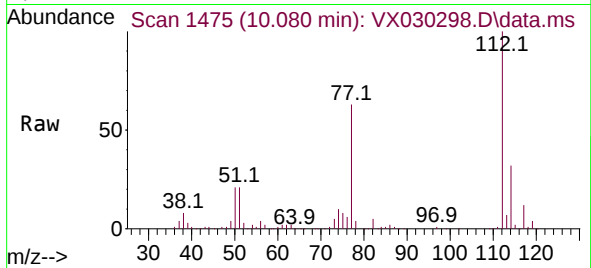




#65
Chlorobenzene
Concen: 13.765 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

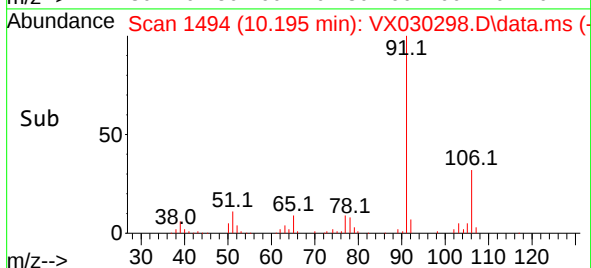
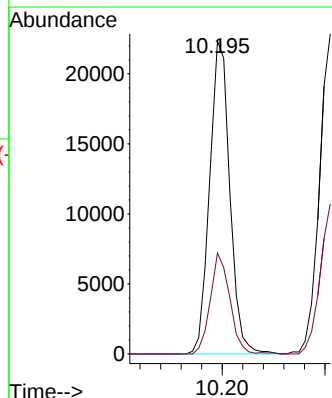
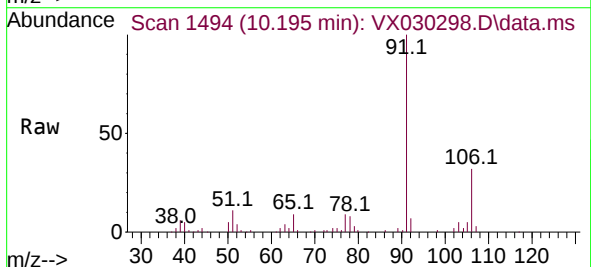
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

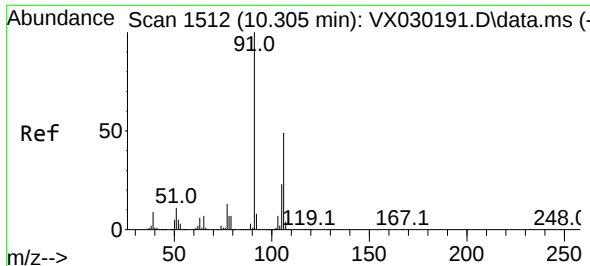
Tgt Ion:112 Resp: 103293
Ion Ratio Lower Upper
112 100
114 31.8 24.6 36.8



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 91 Resp: 30553
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

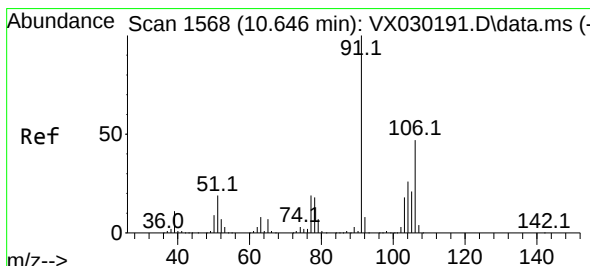
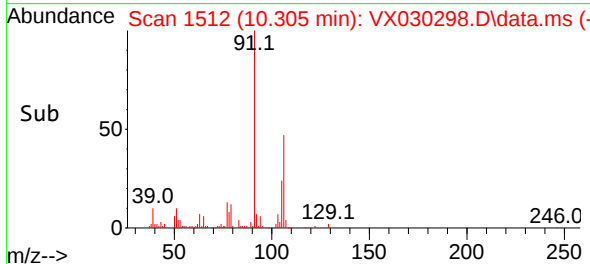
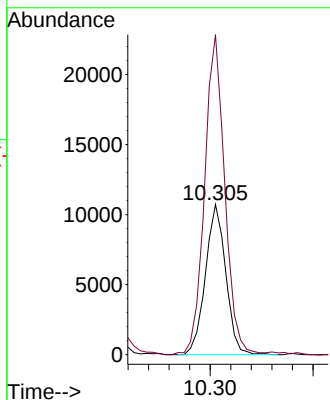
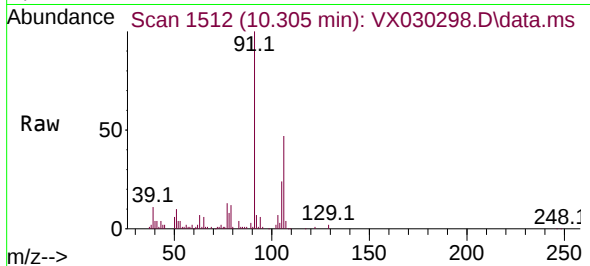




#68
m/p-Xylenes
Concen: 2.908 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

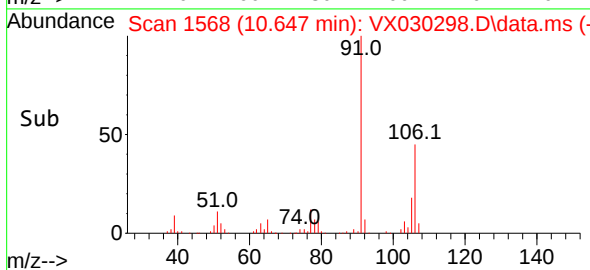
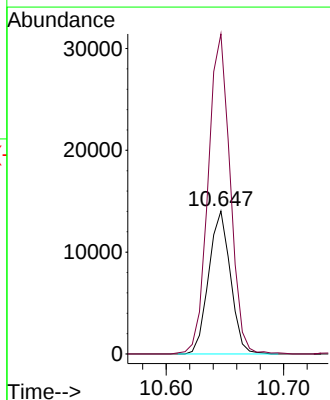
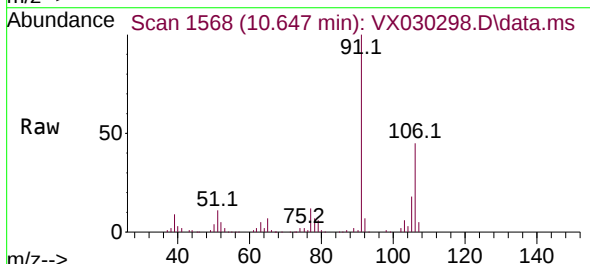
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

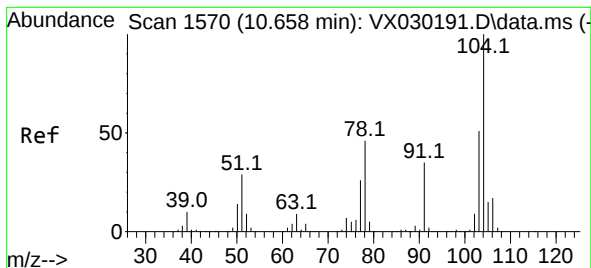
Tgt Ion:106 Resp: 14783
Ion Ratio Lower Upper
106 100
91 211.3 158.2 237.4



#69
o-Xylene
Concen: 3.602 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion:106 Resp: 18045
Ion Ratio Lower Upper
106 100
91 226.8 103.8 311.6





#70

Styrene

Concen: 0.245 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.005 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA

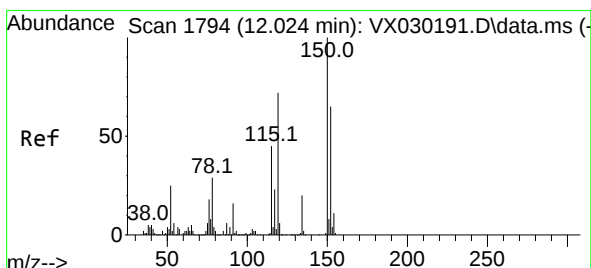
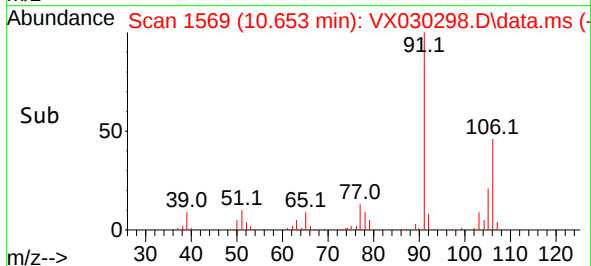
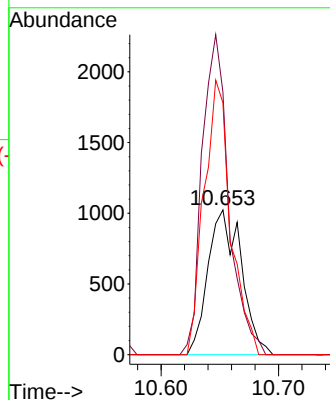
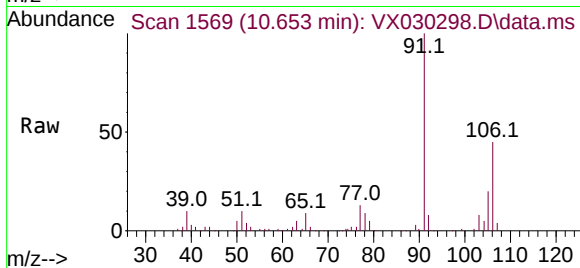
Tgt Ion:104 Resp: 2014

Ion Ratio Lower Upper

104 100

78 176.5 37.8 56.8#

103 151.7 44.5 66.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

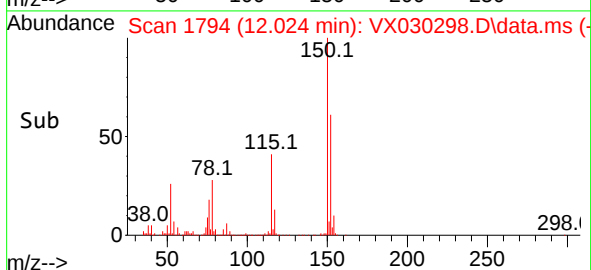
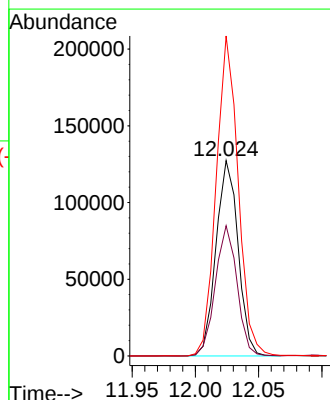
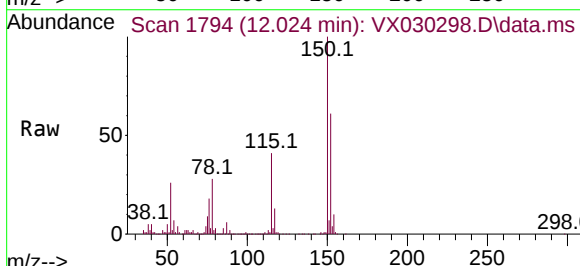
Tgt Ion:152 Resp: 154432

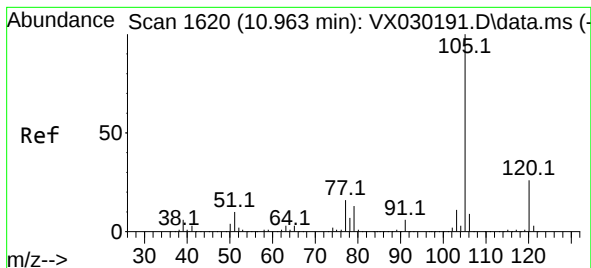
Ion Ratio Lower Upper

152 100

115 65.4 40.5 121.5

150 163.2 0.0 347.0





#73

Isopropylbenzene

Concen: 0.535 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

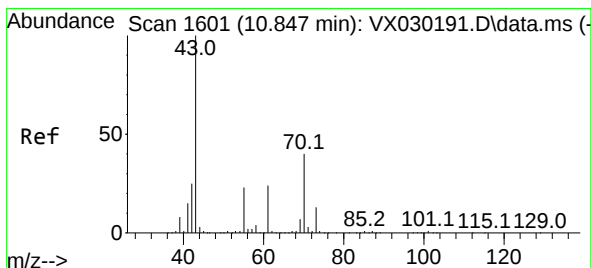
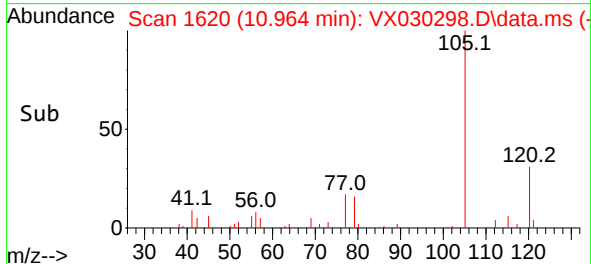
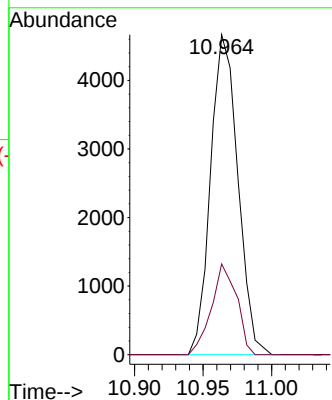
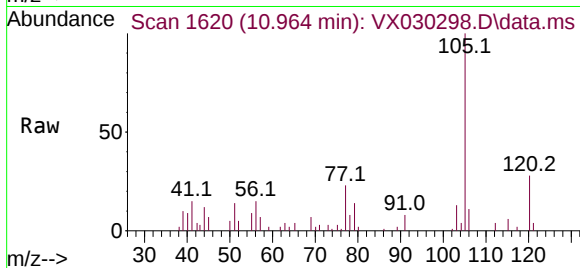
220727100-02-VOA

Tgt Ion:105 Resp: 6452

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 0.550 ug/l

RT: 10.884 min Scan# 1607

Delta R.T. 0.037 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Tgt Ion: 43 Resp: 3220

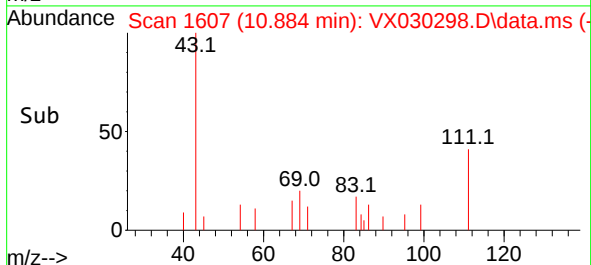
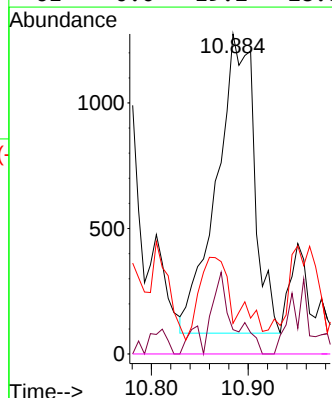
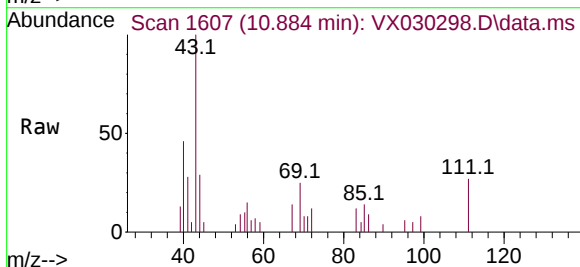
Ion Ratio Lower Upper

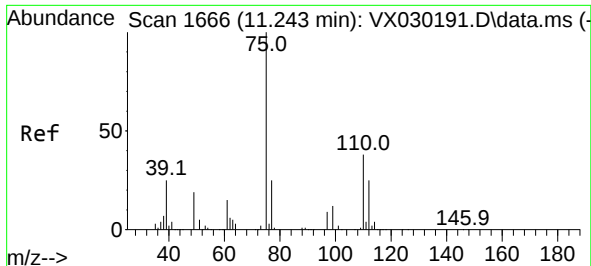
43 100

70 0.0 32.3 48.5#

55 0.0 18.4 27.6#

61 0.0 19.2 28.8#

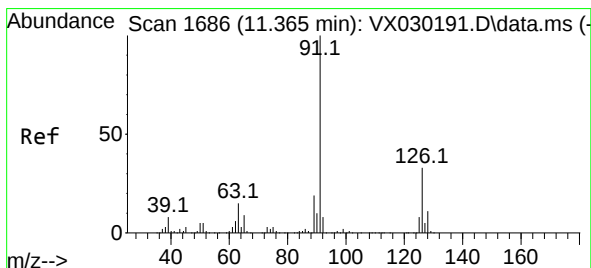
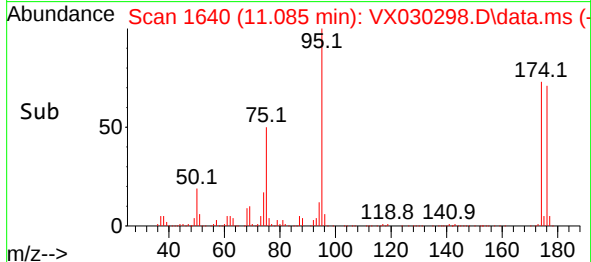
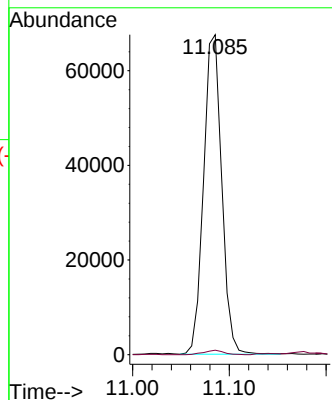
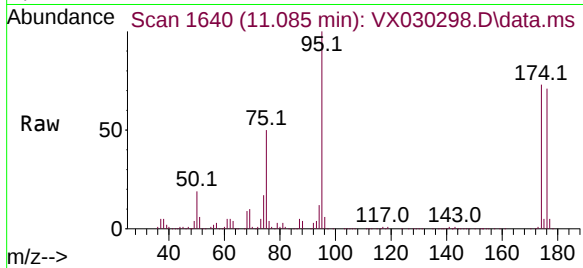




#76
1,2,3-Trichloropropane
Concen: 21.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

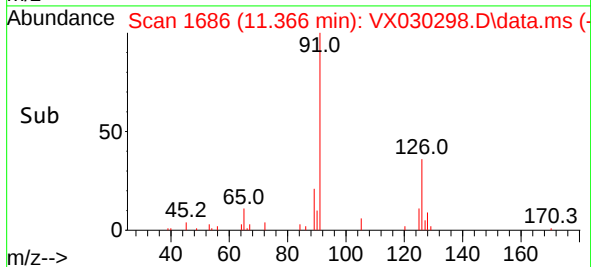
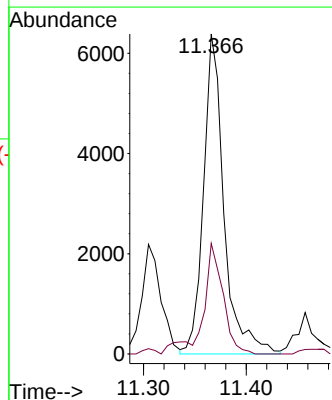
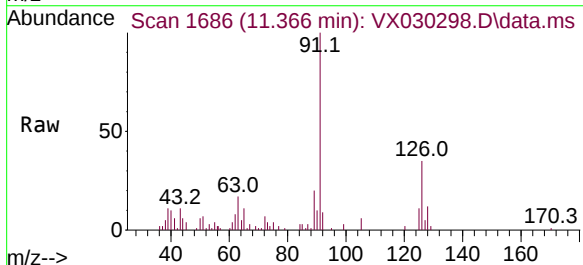
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

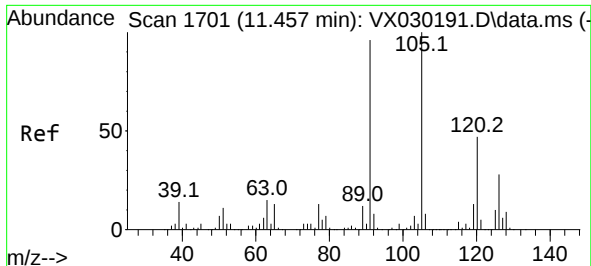
Tgt Ion: 75 Resp: 88176
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#79
2-Chlorotoluene
Concen: 0.973 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 91 Resp: 8842
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.3

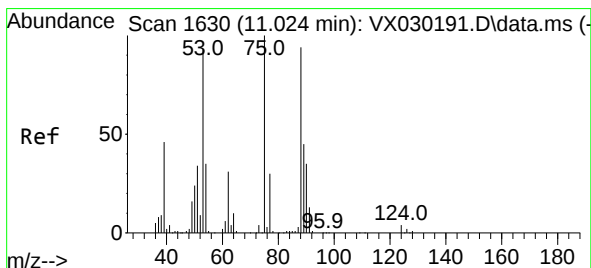
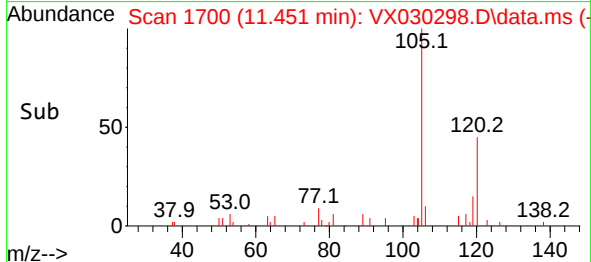
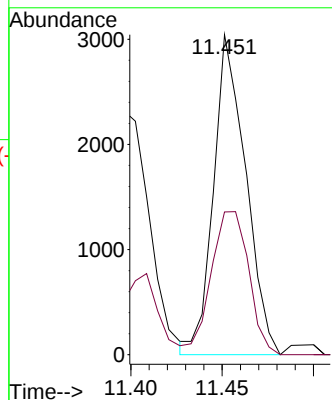
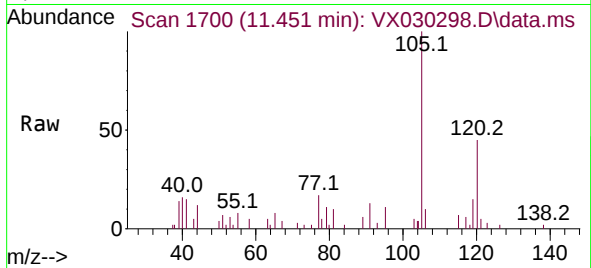




#80
 1,3,5-Trimethylbenzene
 Concen: 0.369 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030298.D
 Acq: 29 Jul 2022 13:25

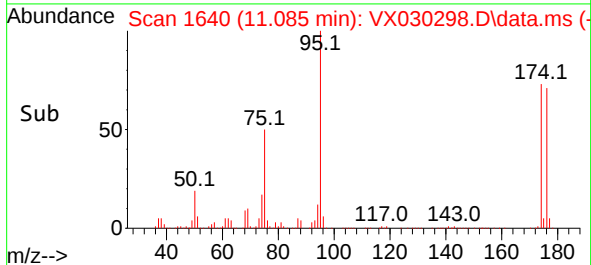
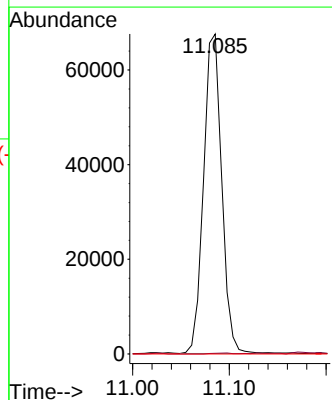
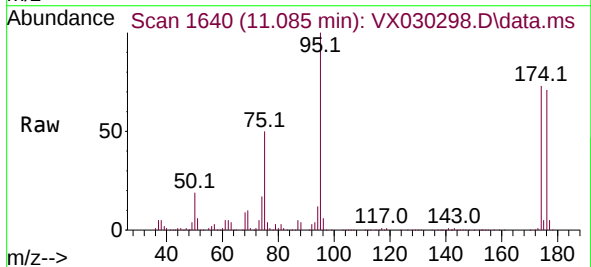
Instrument :
 MSVOA_X
 ClientSampleId :
 220727100-02-VOA

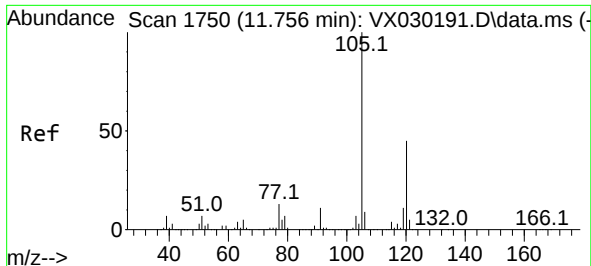
Tgt Ion:105 Resp: 3727
 Ion Ratio Lower Upper
 105 100
 120 52.4 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.981 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX030298.D
 Acq: 29 Jul 2022 13:25

Tgt Ion: 75 Resp: 88176
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.2 111.4#
 89 0.0 34.8 52.2#

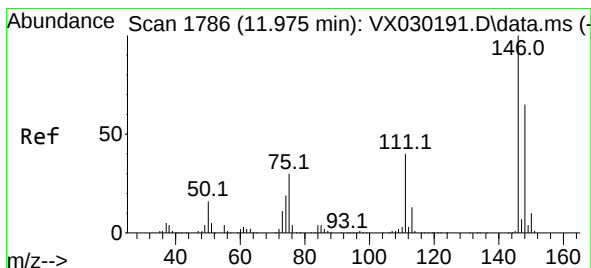
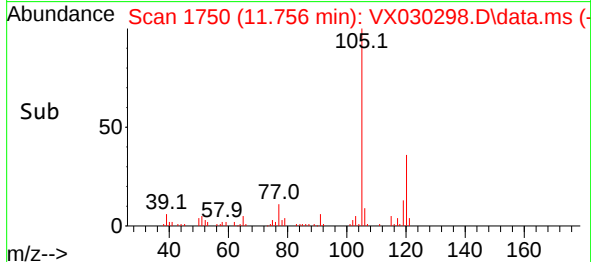
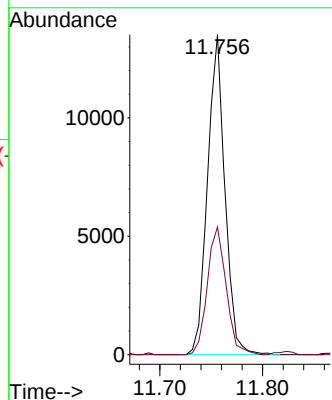
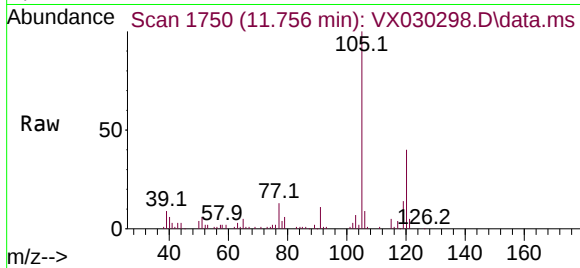




#84
1,2,4-Trimethylbenzene
Concen: 1.578 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

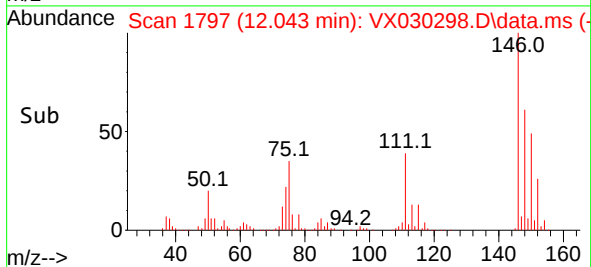
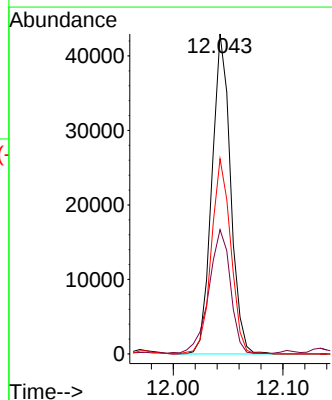
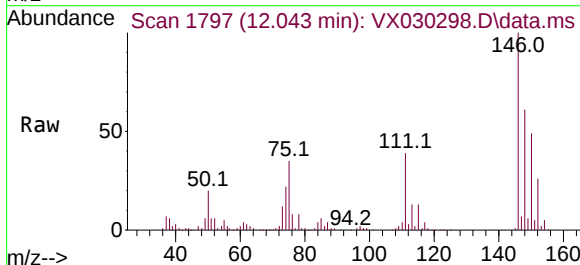
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

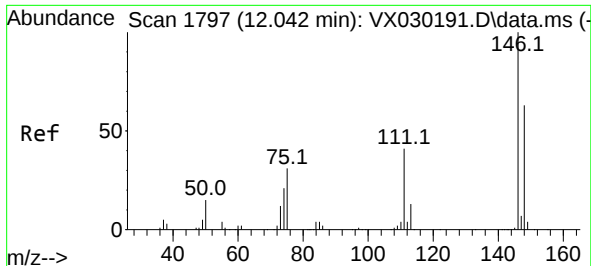
Tgt Ion:105 Resp: 15892
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.8



#87
1,3-Dichlorobenzene
Concen: 9.232 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.068 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion:146 Resp: 50805
Ion Ratio Lower Upper
146 100
111 44.6 20.3 60.8
148 63.5 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 9.069 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

220727100-02-VOA

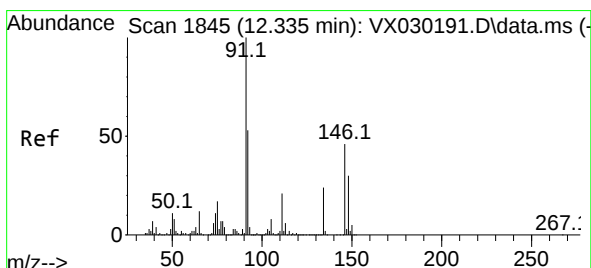
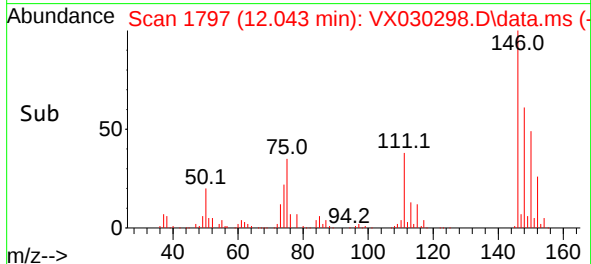
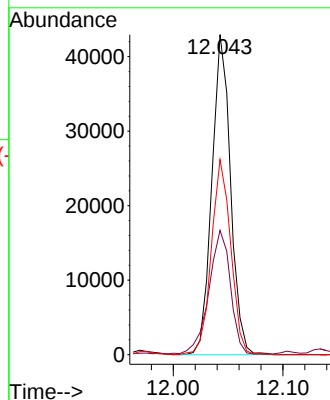
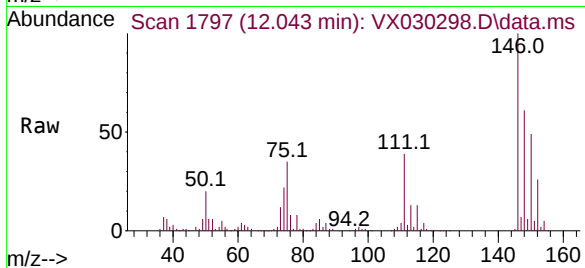
Tgt Ion:146 Resp: 50805

Ion Ratio Lower Upper

146 100

111 44.6 20.3 60.9

148 63.5 32.3 96.8



#89

n-Butylbenzene

Concen: 0.204 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.018 min

Lab File: VX030298.D

Acq: 29 Jul 2022 13:25

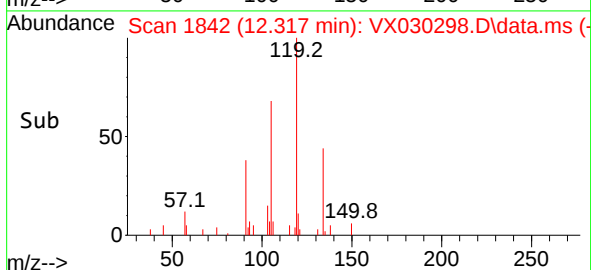
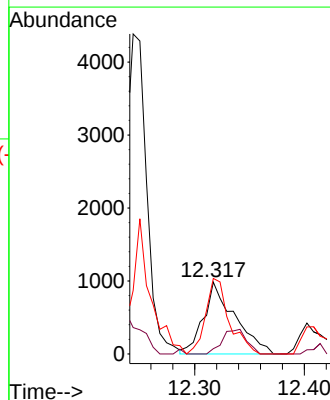
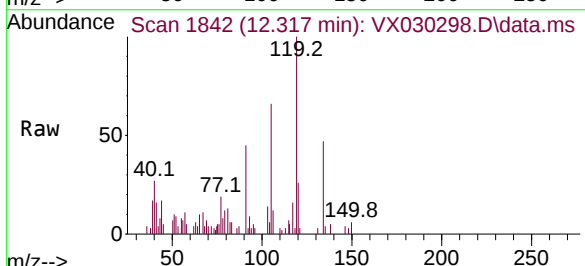
Tgt Ion: 91 Resp: 1944

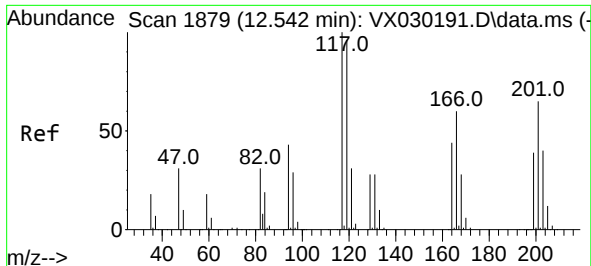
Ion Ratio Lower Upper

91 100

92 0.0 26.2 78.5#

134 79.1 12.6 37.8#

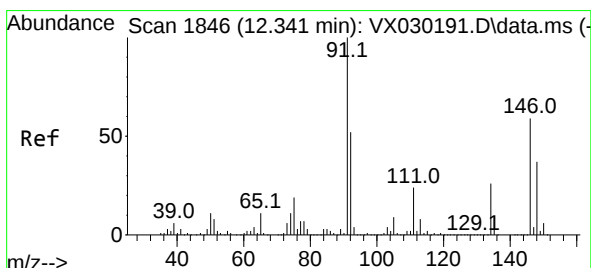
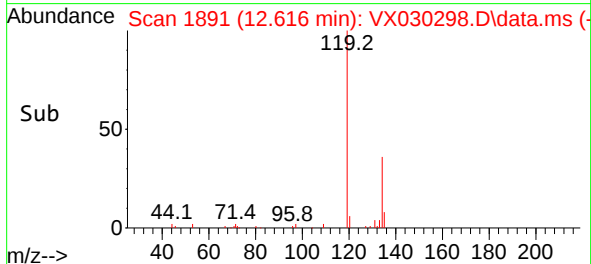
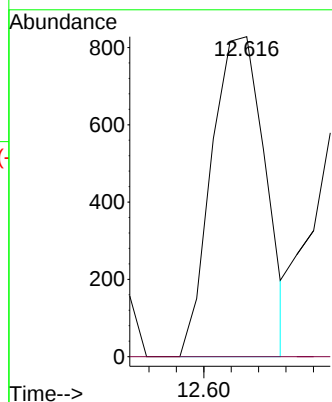
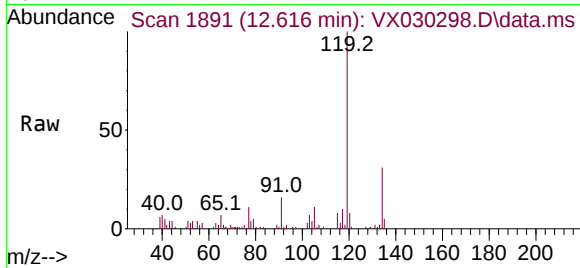




#90
Hexachloroethane
Concen: 0.641 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

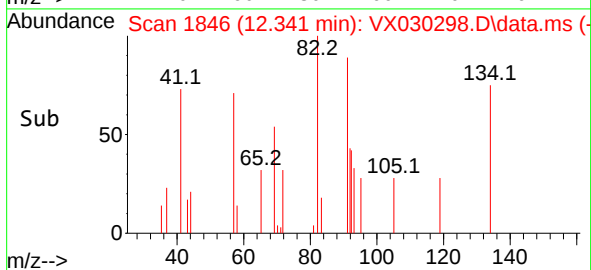
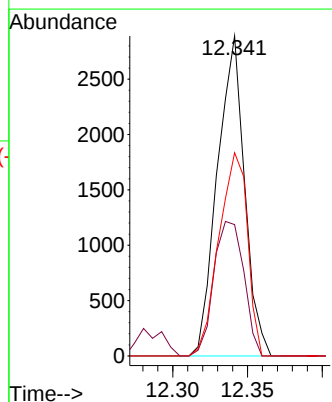
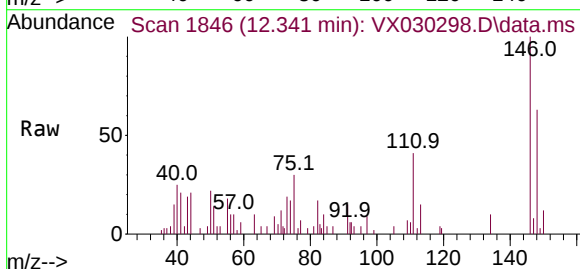
Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

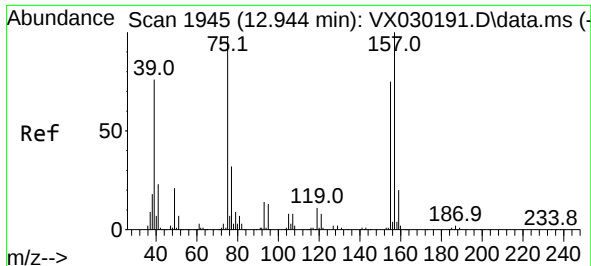
Tgt Ion:117 Resp: 1131
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#



#91
1,2-Dichlorobenzene
Concen: 0.677 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion:146 Resp: 3657
Ion Ratio Lower Upper
146 100
111 46.3 20.7 62.1
148 66.6 32.0 96.2

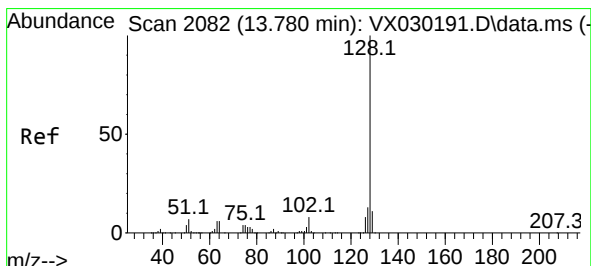
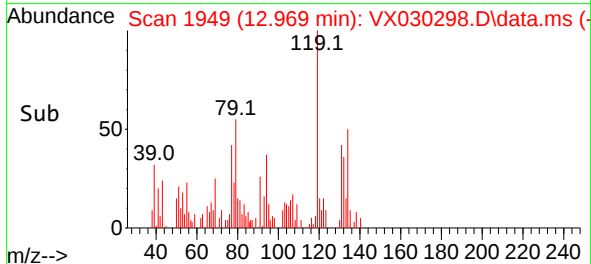
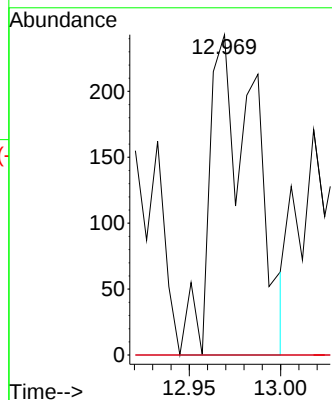
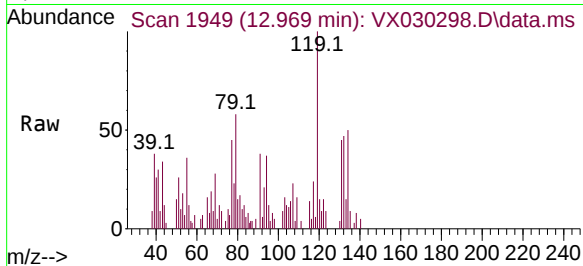




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.398 ug/l
RT: 12.969 min Scan# 1945
Delta R.T. 0.025 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 56.9 170.7#



#95
Naphthalene
Concen: 2.417 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030298.D
Acq: 29 Jul 2022 13:25

Tgt Ion: 128 Resp: 29568
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 12.5 8.6 13.0

