

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031711.D
 Acq On : 27 Sep 2022 18:53
 Operator : JC/MD
 Sample : N4841-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-6

Quant Time: Sep 28 06:32:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

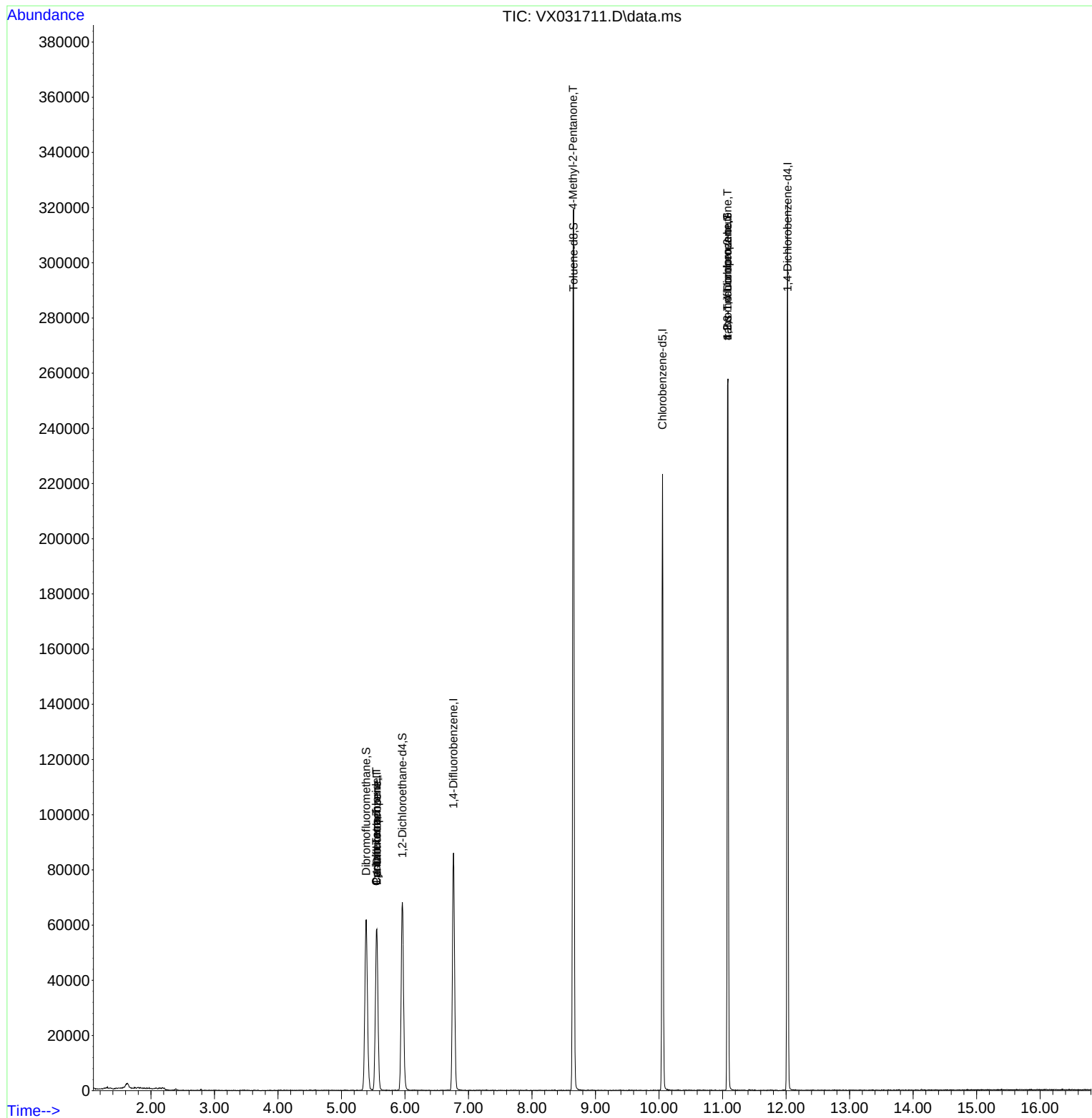
Internal Standards						
1) Pentafluorobenzene	5.556	168	55771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	88770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64896	54.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.660%			
35) Dibromofluoromethane	5.385	113	51065	48.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.560%			
50) Toluene-d8	8.653	98	188949	49.274	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	63637	45.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	256	Below Cal	#	43
6) Chloroethane	1.855	64	44	Below Cal	#	43
16) Acetone	2.385	43	474	Below Cal	#	89
17) Carbon Disulfide	2.507	76	46	Below Cal	#	75
20) Methylene Chloride	2.776	84	137	Below Cal	#	51
31) Cyclohexane	5.549	56	1297	1.152	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	4655	3.832	ug/l #	51
38) Carbon Tetrachloride	5.549	117	5454	3.984	ug/l #	19
51) 4-Methyl-2-Pentanone	8.646	43	964	0.790	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35034	30.954	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35034	101.931	ug/l #	11

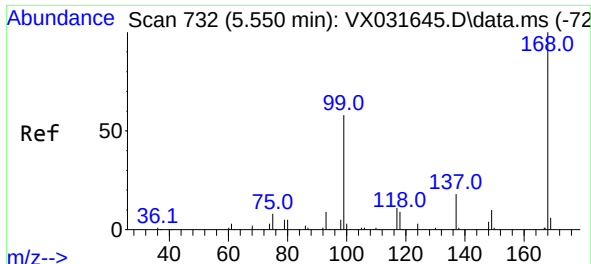
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
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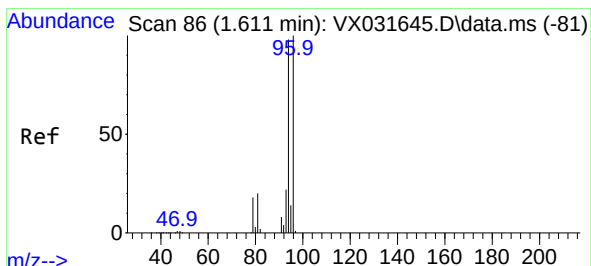
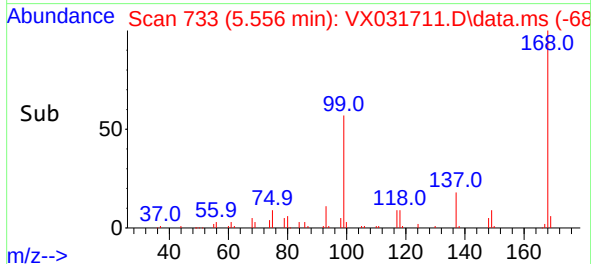
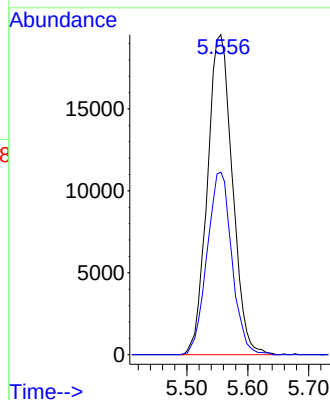
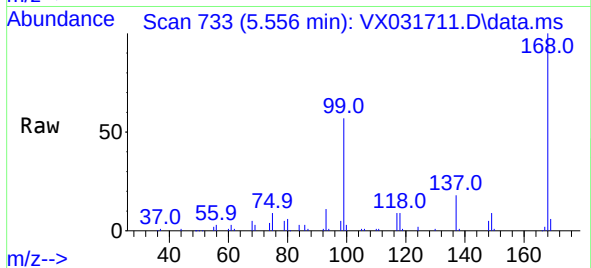




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

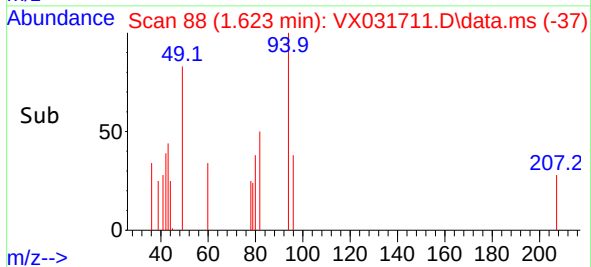
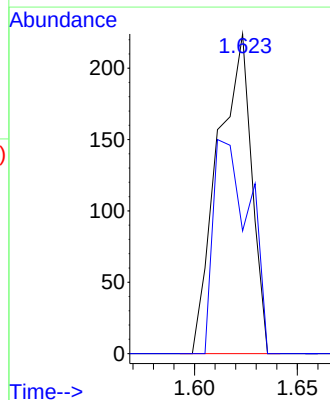
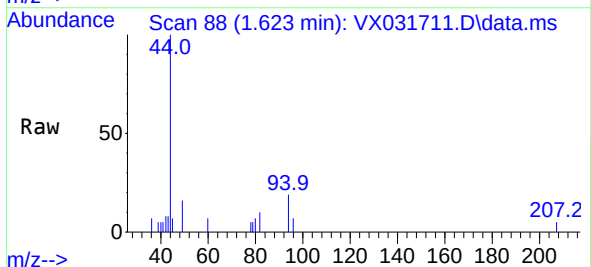
Instrument :
MSVOA_X
ClientSampleId :
252672-6

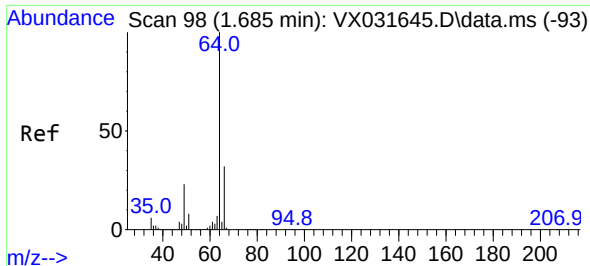
Tgt Ion:168 Resp: 55771
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 38.4 74.4 111.6#

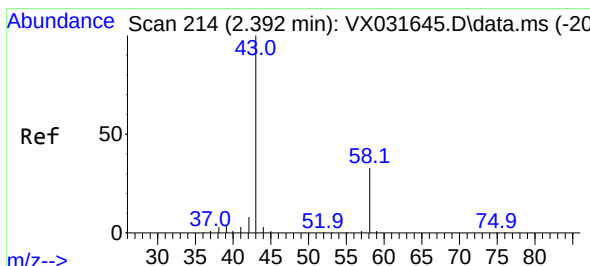
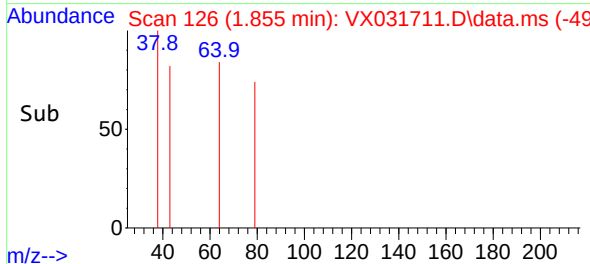
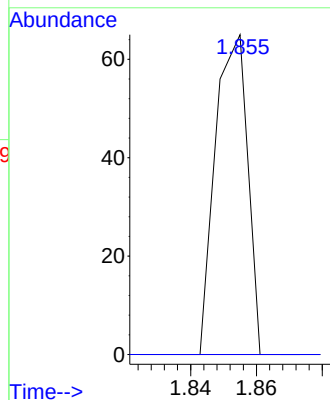
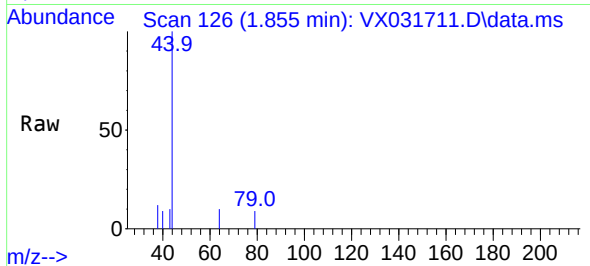




#6
Chloroethane
Concen: Below Cal
RT: 1.855 min Scan# 11
Delta R.T. 0.170 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

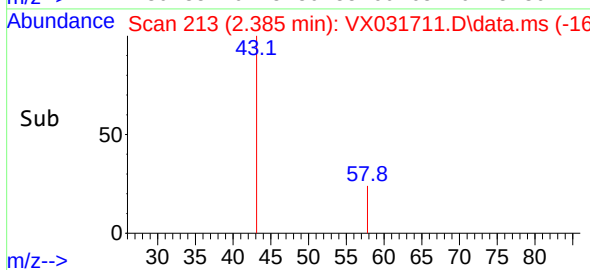
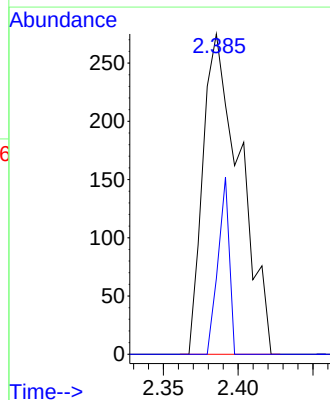
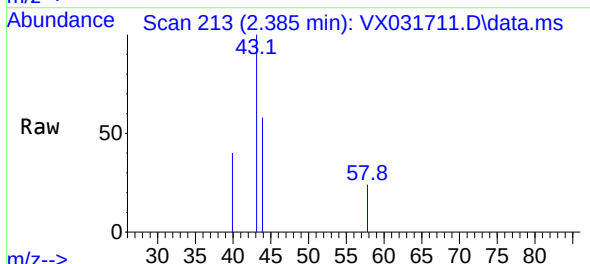
Instrument :
MSVOA_X
ClientSampleId :
252672-6

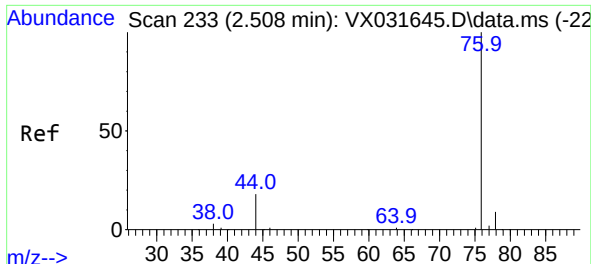
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#

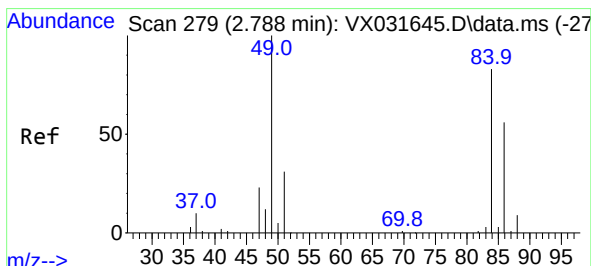
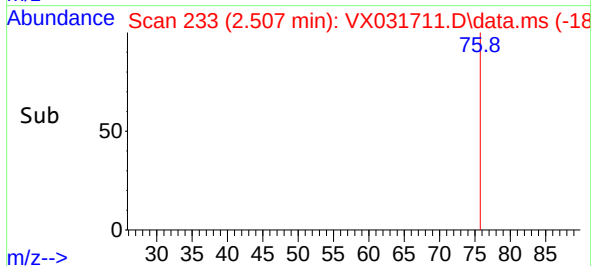
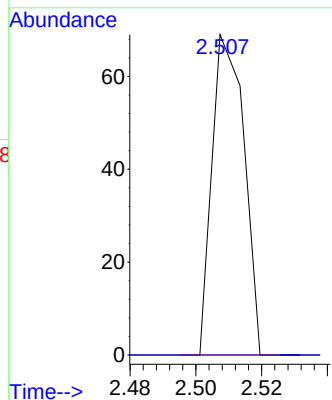
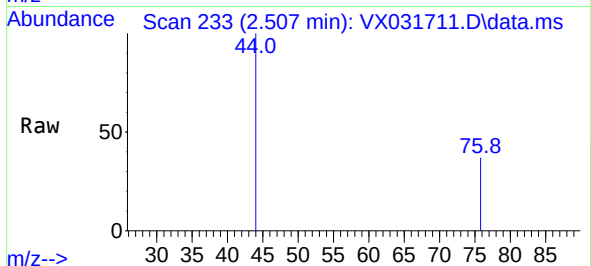




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

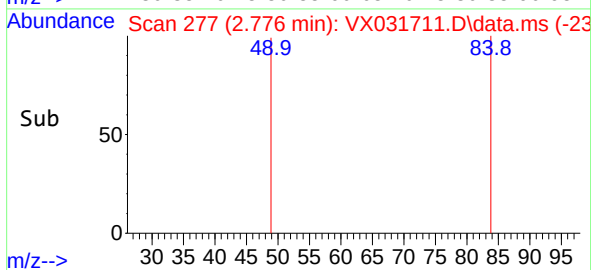
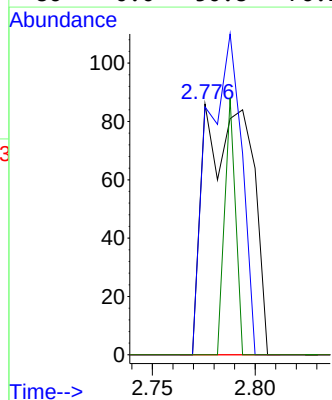
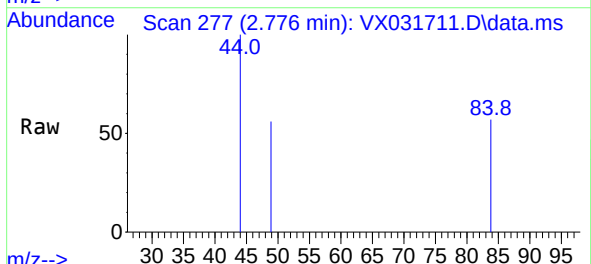
Instrument :
MSVOA_X
ClientSampleId :
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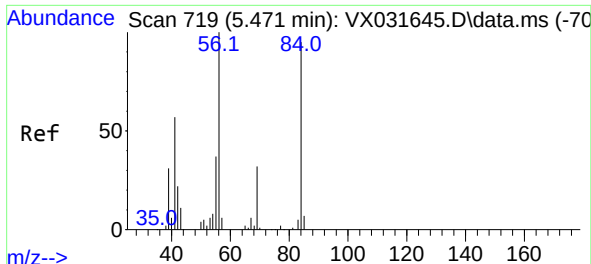
Tgt Ion: 76 Resp: 46
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

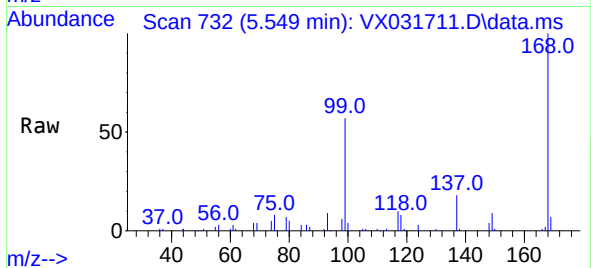
Tgt Ion: 84 Resp: 137
Ion Ratio Lower Upper
84 100
49 98.8 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



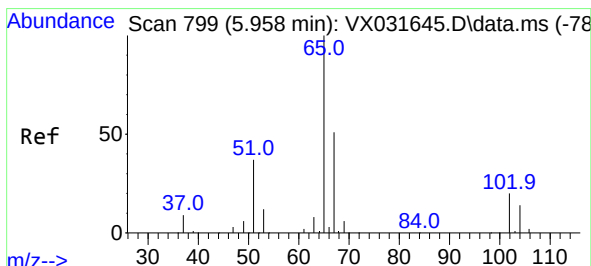
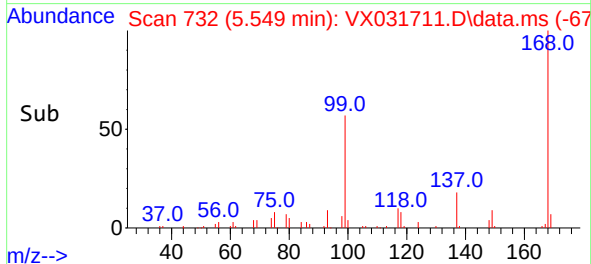
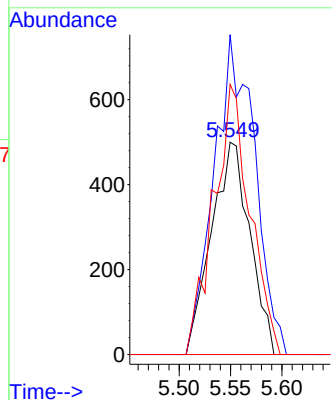


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
252672-6

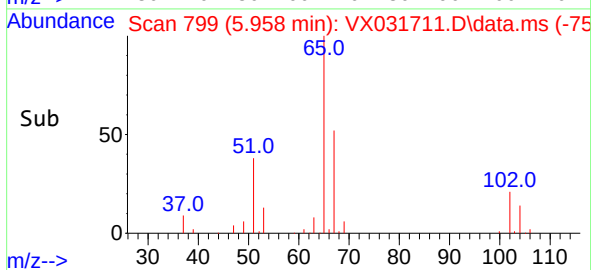
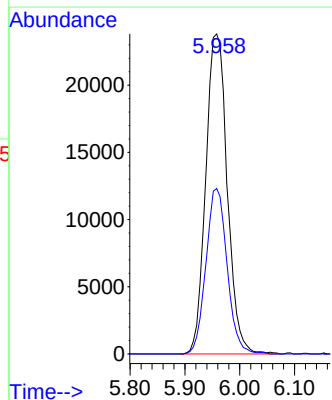
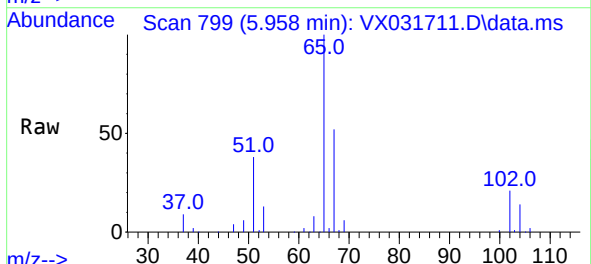


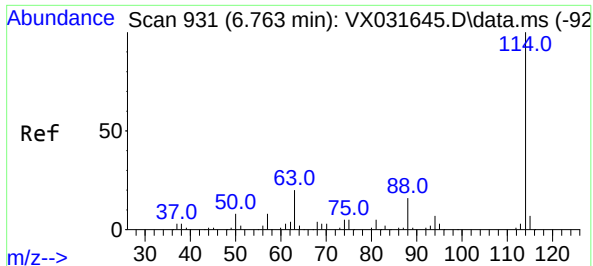
Tgt Ion: 56 Resp: 1297
Ion Ratio Lower Upper
56 100
69 150.6 25.1 37.7#
84 127.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 65 Resp: 64896
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

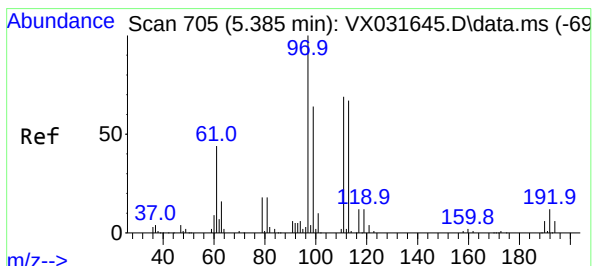
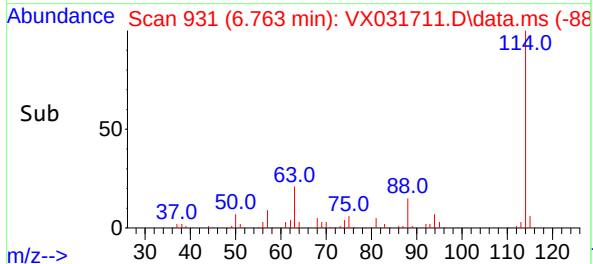
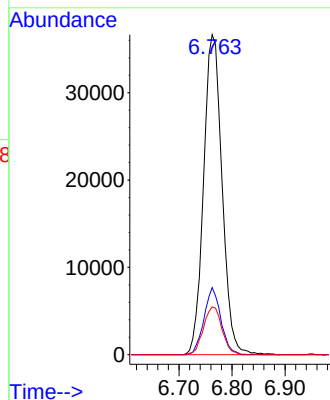
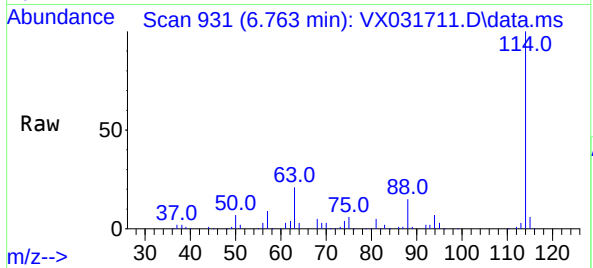




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

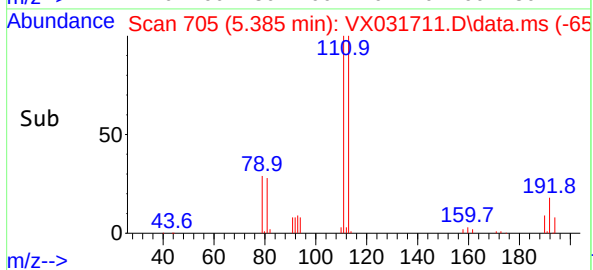
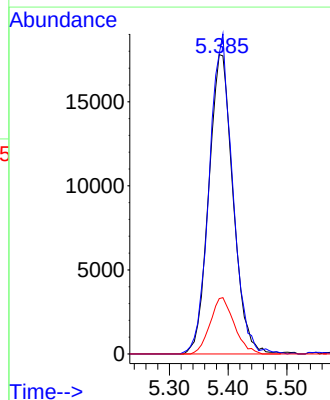
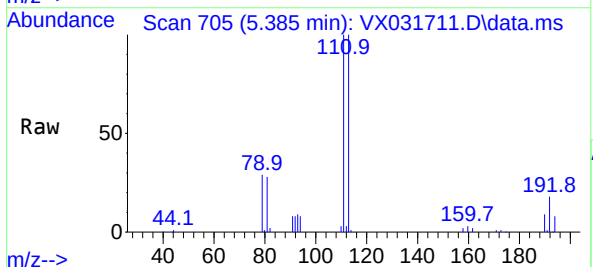
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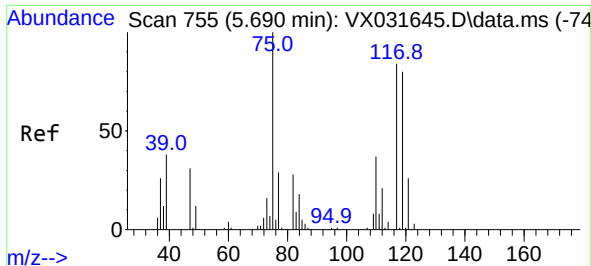
Tgt Ion:114 Resp: 88770
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.279 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion:113 Resp: 51065
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.6 14.1 21.1

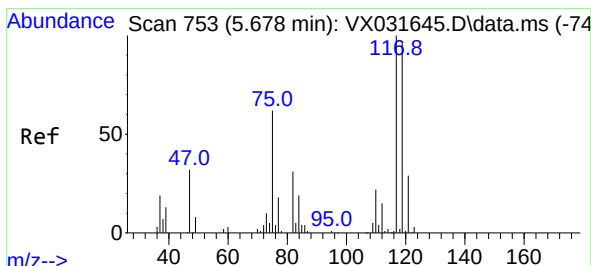
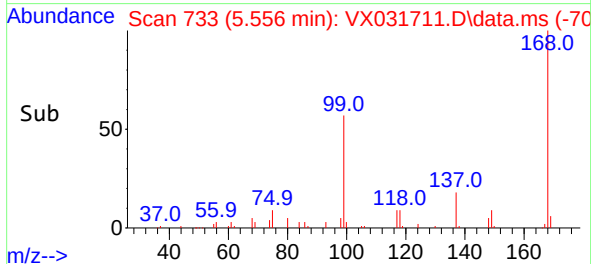
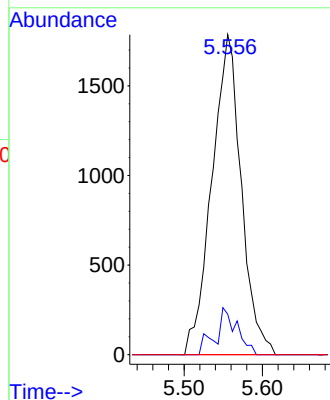
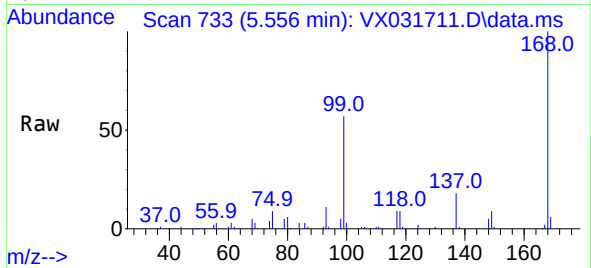




#36
1,1-Dichloropropene
Concen: 3.832 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

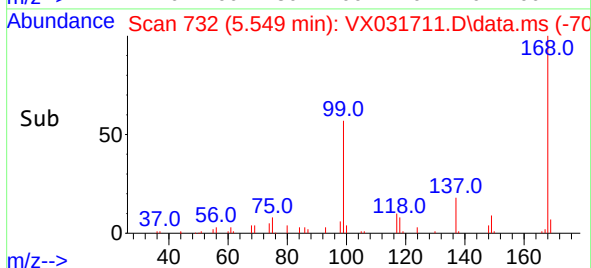
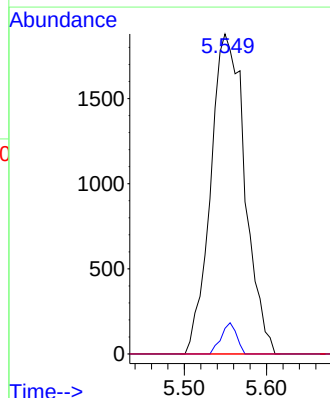
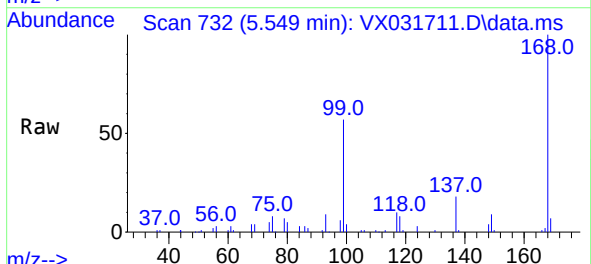
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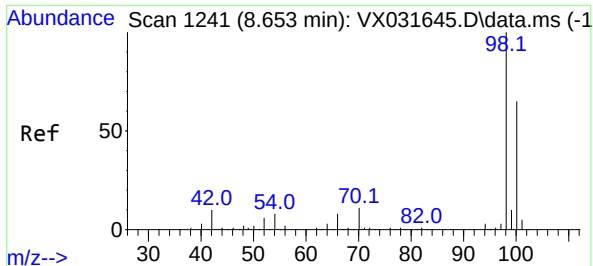
Tgt Ion: 75 Resp: 4655
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.984 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 117 Resp: 5454
Ion Ratio Lower Upper
117 100
119 8.0 74.6 112.0#
121 0.0 25.3 37.9#

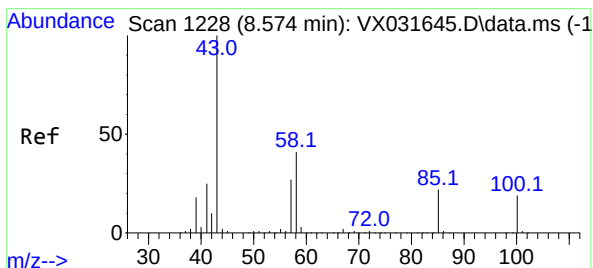
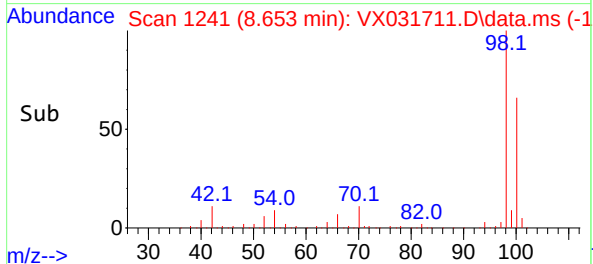
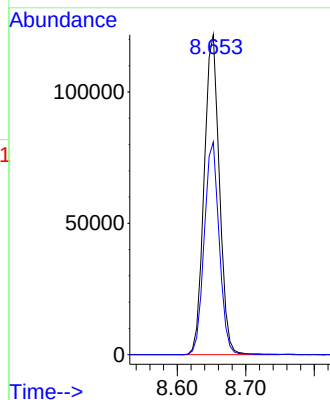
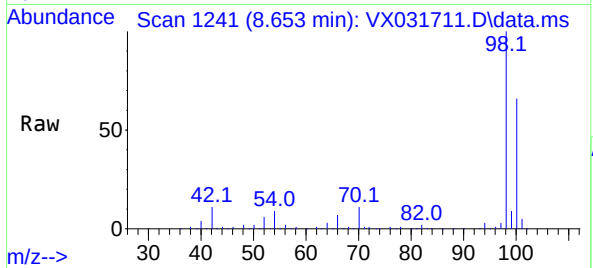




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

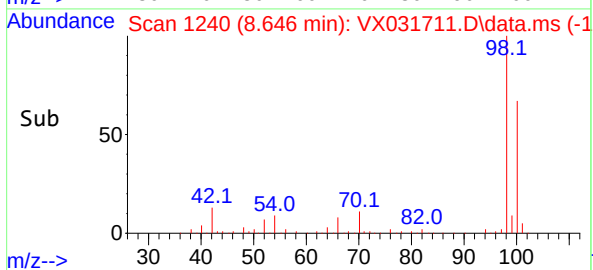
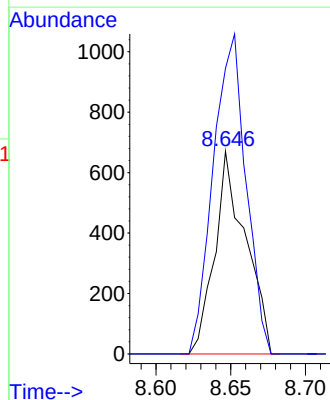
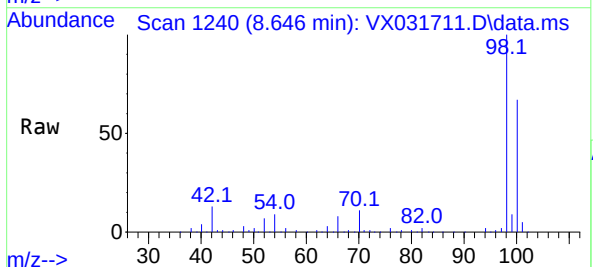
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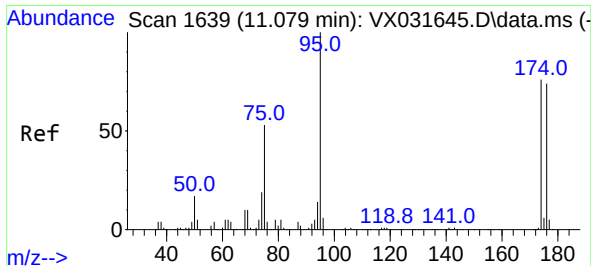
Tgt Ion: 98 Resp: 188949
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.790 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 167.3 30.6 46.0#

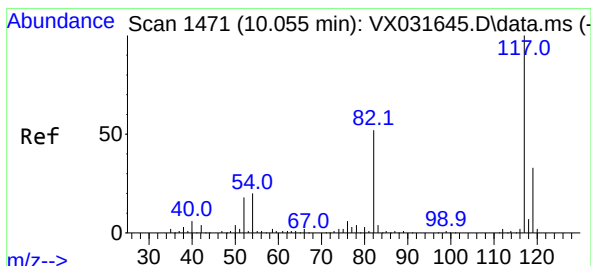
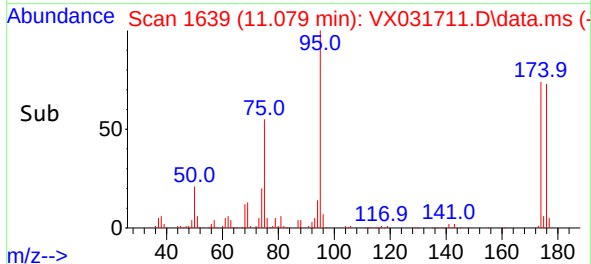
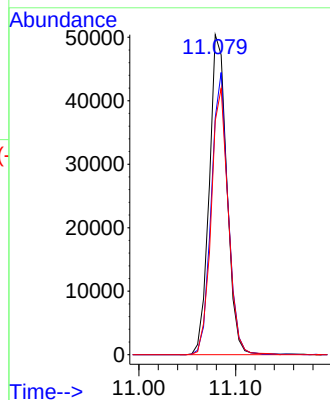
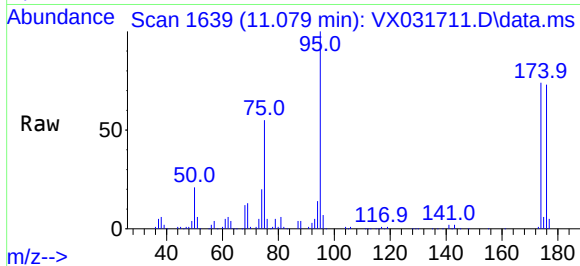




#62
4-Bromofluorobenzene
Concen: 45.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

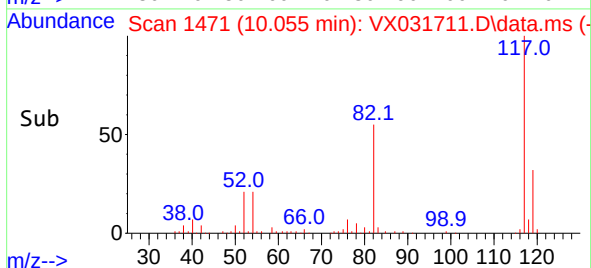
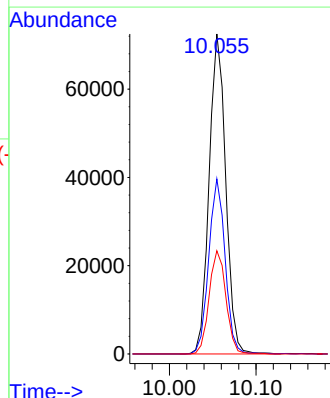
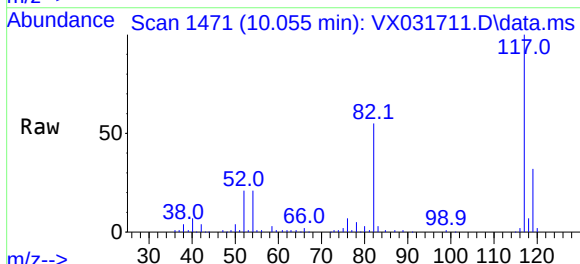
Instrument :
MSVOA_X
ClientSampleId :
252672-6

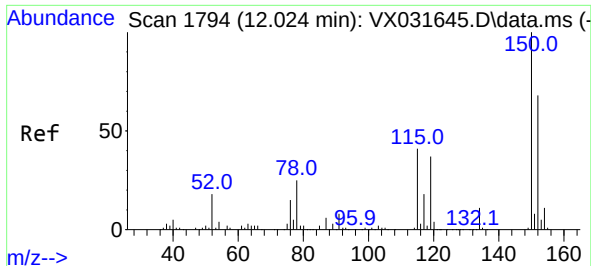
Tgt Ion: 95 Resp: 63637
Ion Ratio Lower Upper
95 100
174 84.2 0.0 153.2
176 80.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 117 Resp: 96310
Ion Ratio Lower Upper
117 100
82 54.7 46.8 70.2
119 32.2 26.4 39.6

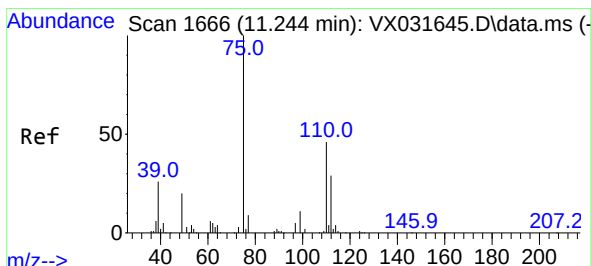
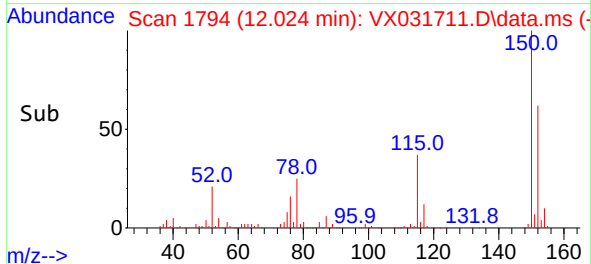
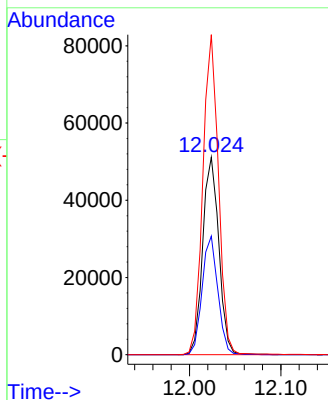
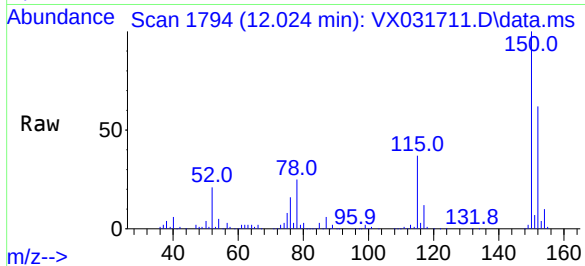




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

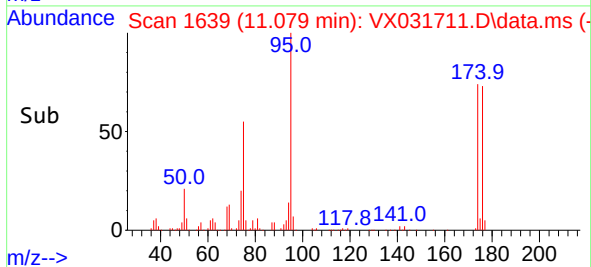
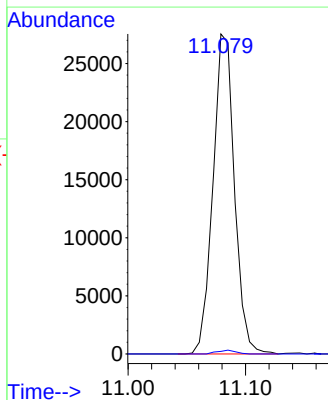
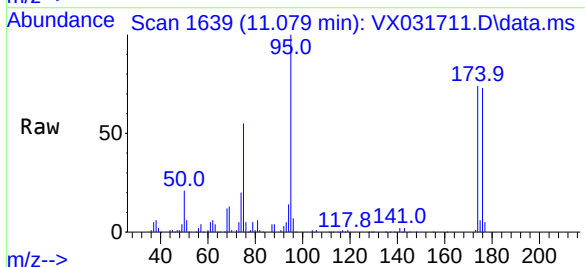
Instrument :
MSVOA_X
ClientSampleId :
252672-6

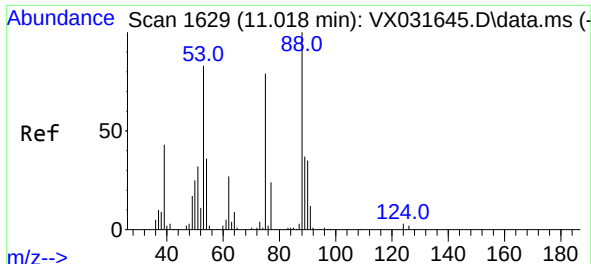
Tgt Ion:152 Resp: 62431
Ion Ratio Lower Upper
152 100
115 58.7 43.4 130.1
150 157.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 30.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Tgt Ion: 75 Resp: 35034
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.931 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031711.D
Acq: 27 Sep 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
252672-6

Tgt Ion: 75 Resp: 35034
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

