

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032377.D
 Acq On : 25 Oct 2022 20:16
 Operator : JC/MD
 Sample : N5217-01ME
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-A1-3.5-4.0

Quant Time: Oct 27 14:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

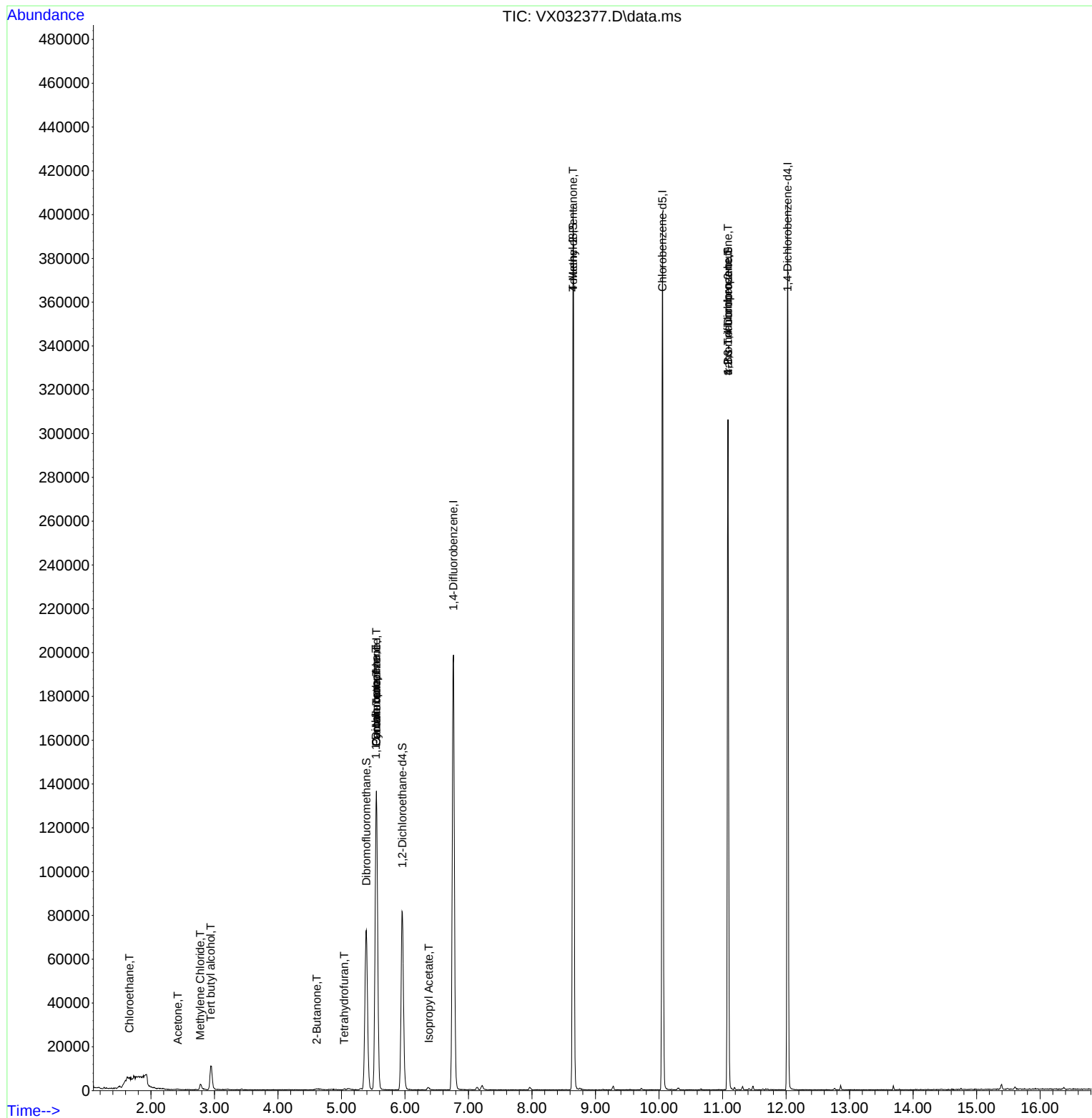
Internal Standards						
1) Pentafluorobenzene	5.550	168	127921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80176	48.179	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.391	113	62607	43.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.920%		
50) Toluene-d8	8.647	98	237271	46.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.085	95	80482	42.869	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	70	Below Cal	#	44
6) Chloroethane	1.660	64	128	2.050	ug/l #	41
11) Tert butyl alcohol	2.940	59	7289	8.822	ug/l #	74
16) Acetone	2.422	43	390	0.722	ug/l #	44
20) Methylene Chloride	2.776	84	1606	1.158	ug/l	98
25) 2-Butanone	4.611	43	828	0.982	ug/l #	48
29) Tetrahydrofuran	5.044	42	212	0.389	ug/l #	78
31) Cyclohexane	5.550	56	2779	1.461	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	10517	5.740	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13197	6.823	ug/l #	15
43) Isopropyl Acetate	6.373	43	606	0.215	ug/l #	61
51) 4-Methyl-2-Pentanone	8.647	43	1129	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	44128	26.321	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.085	75	44128	80.888	ug/l #	6

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

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SB-A1-3.5-4.0

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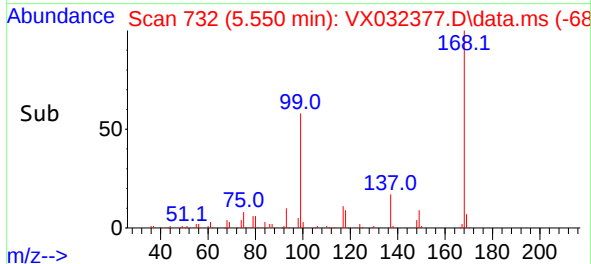
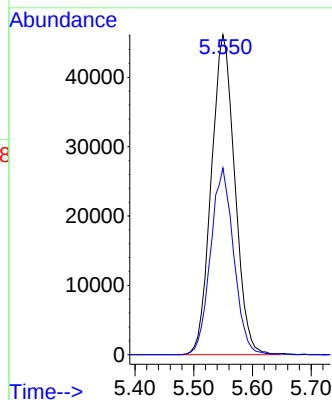
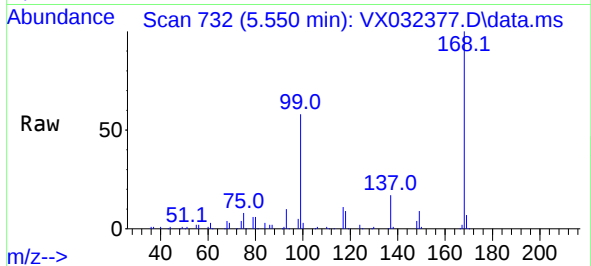




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

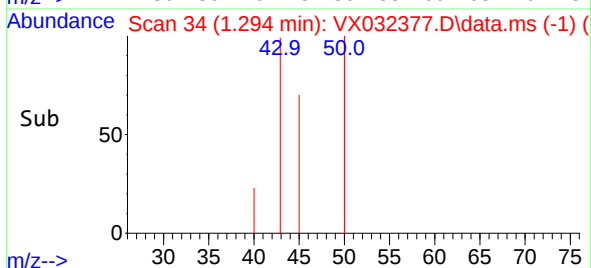
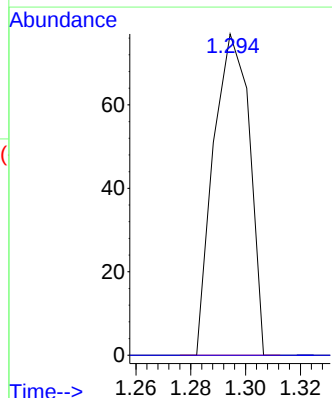
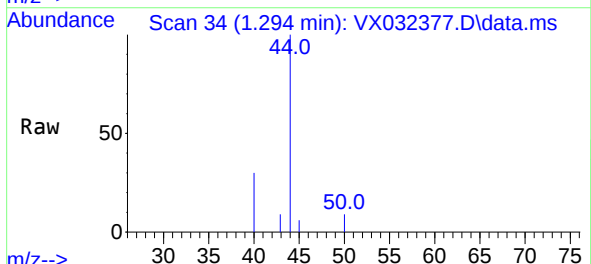
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

Tgt Ion:168 Resp: 127921
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2

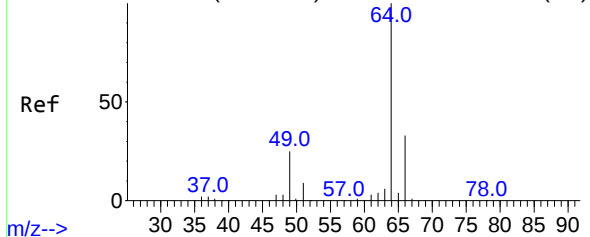


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



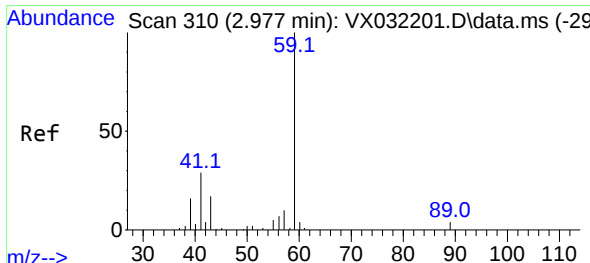
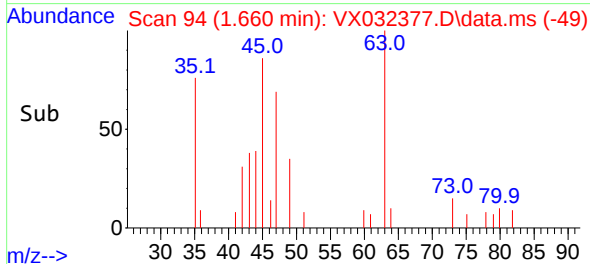
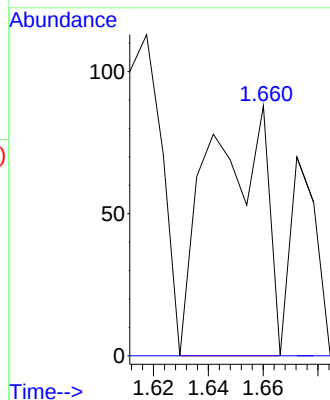
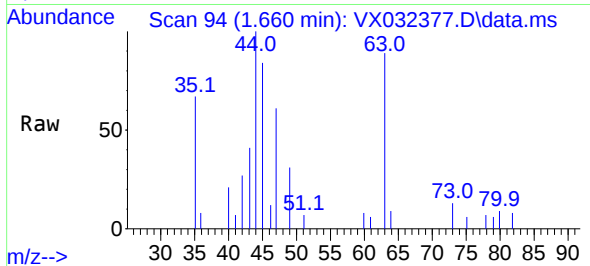
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.050 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

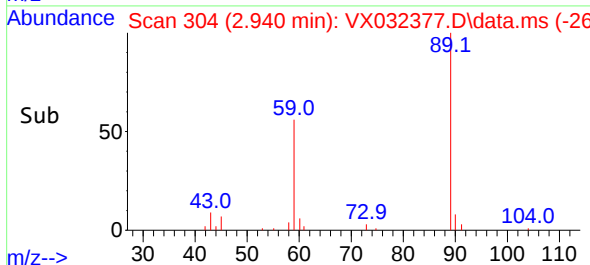
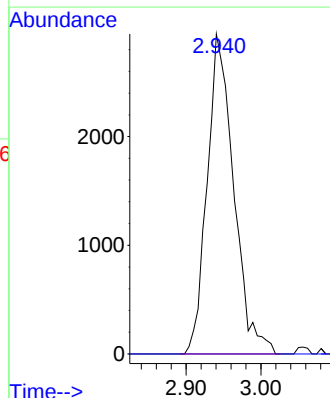
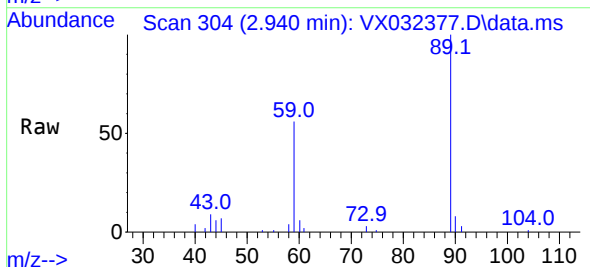
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

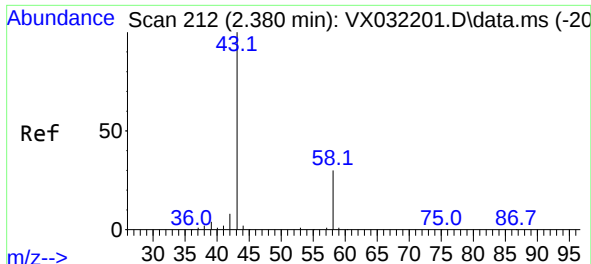
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 8.822 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 59 Resp: 7289
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

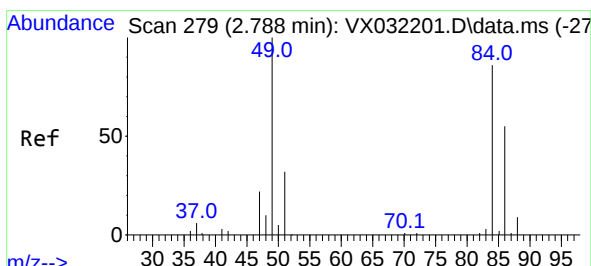
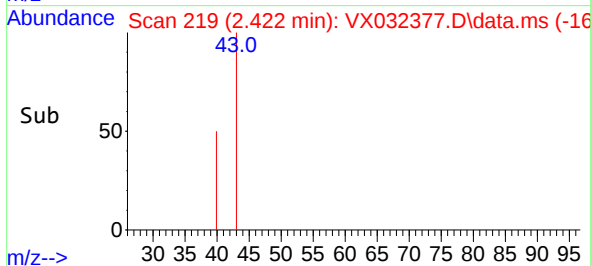
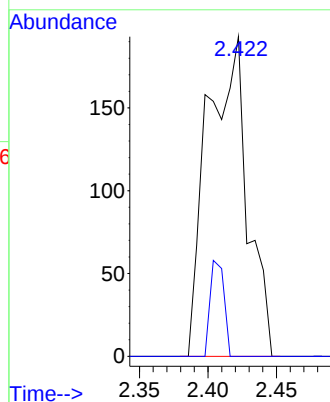
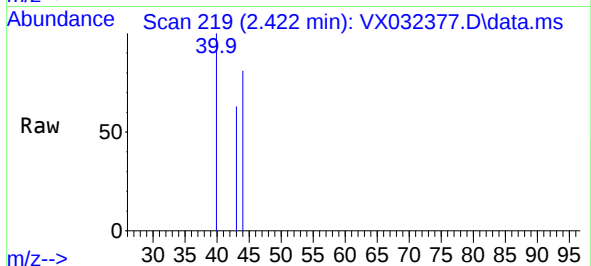




#16
Acetone
Concen: 0.722 ug/l
RT: 2.422 min Scan# 212
Delta R.T. 0.042 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

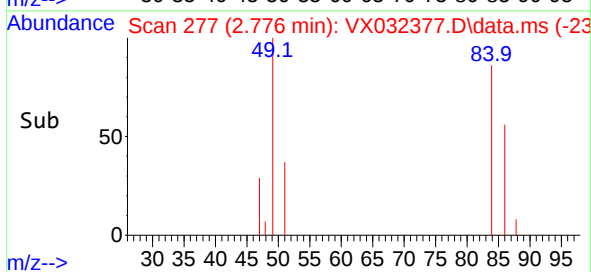
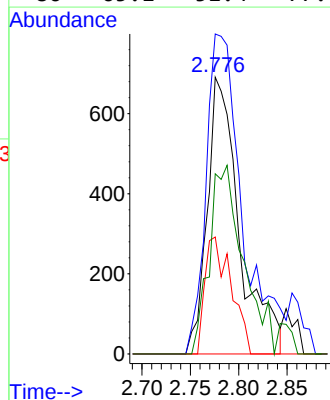
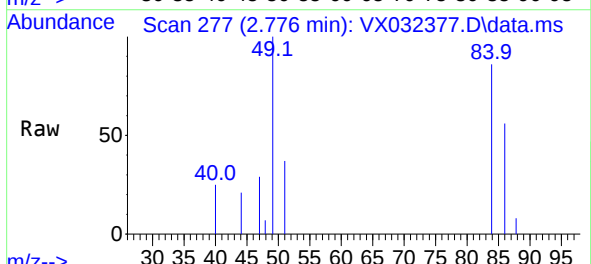
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

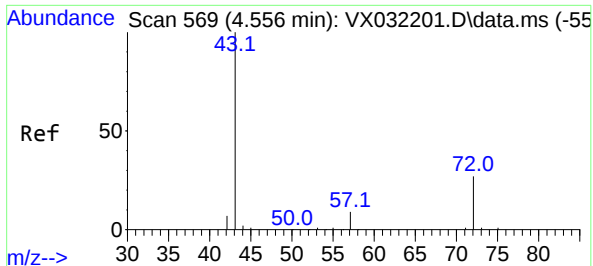
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 1.158 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 84 Resp: 1606
Ion Ratio Lower Upper
84 100
49 115.6 92.6 139.0
51 42.3 29.2 43.8
86 65.1 51.4 77.0





#25

2-Butanone

Concen: 0.982 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX032377.D

Acq: 25 Oct 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

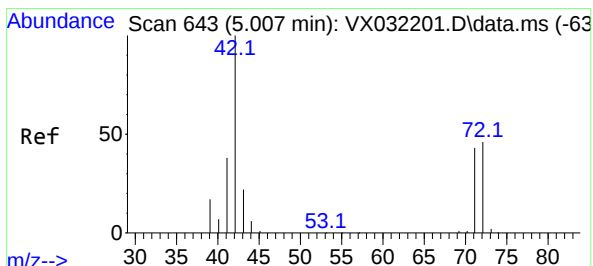
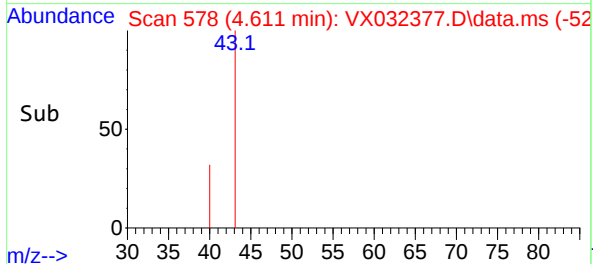
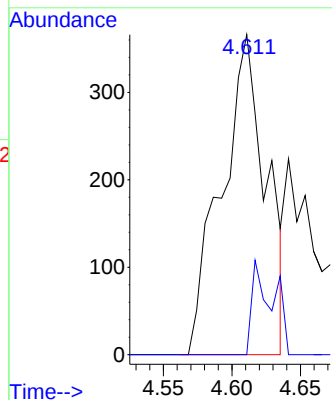
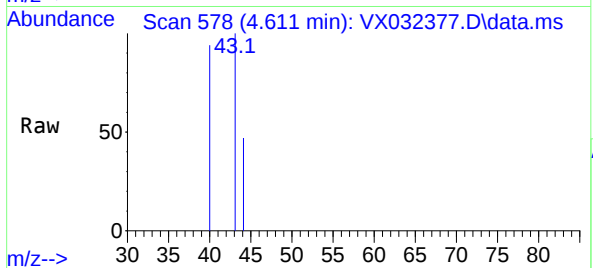
SB-A1-3.5-4.0

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.389 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX032377.D

Acq: 25 Oct 2022 20:16

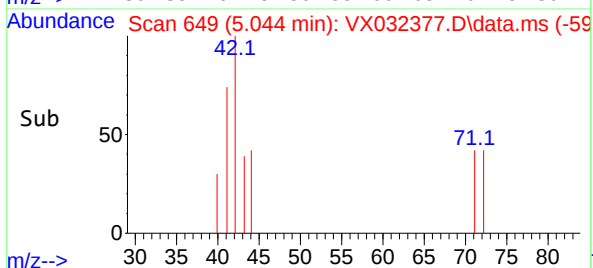
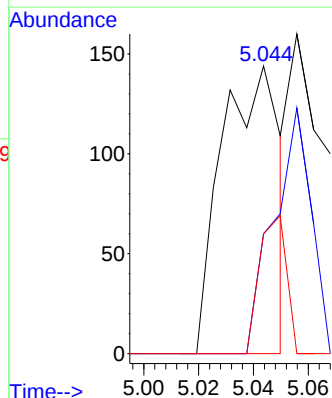
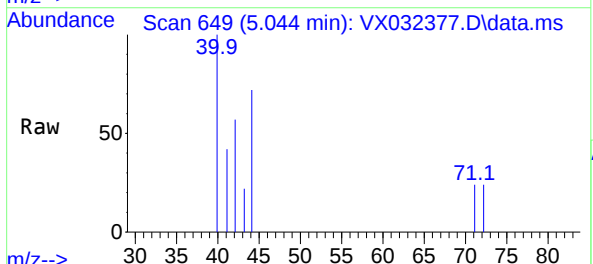
Tgt Ion: 42 Resp: 212

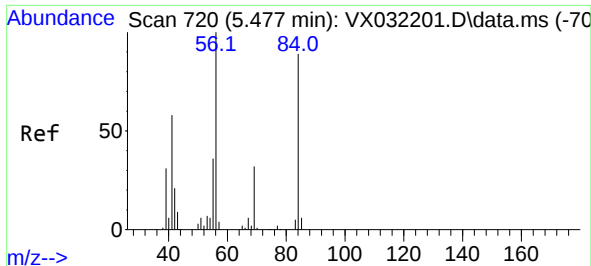
Ion Ratio Lower Upper

42 100

72 54.7 37.5 56.3

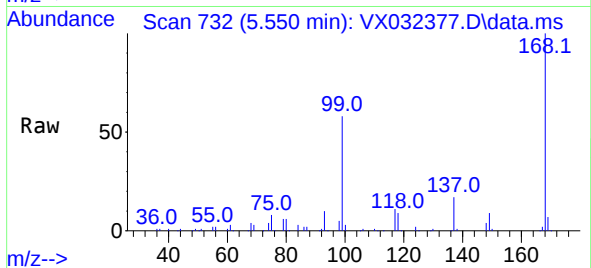
71 22.2 34.7 52.1#



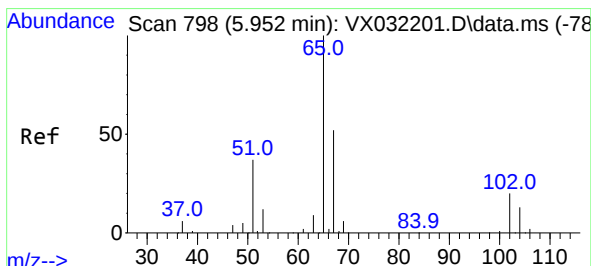
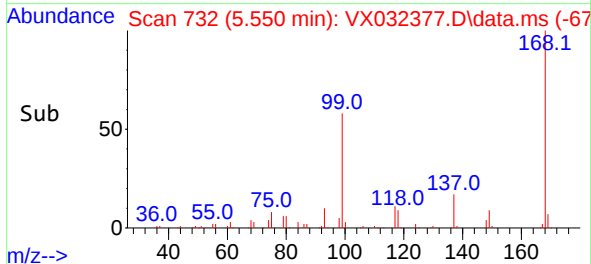
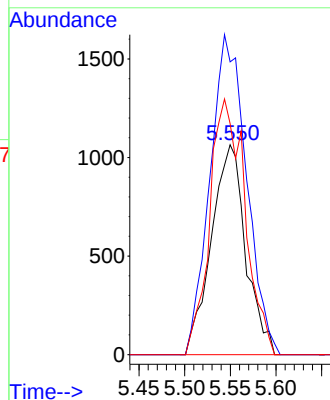


#31
Cyclohexane
Concen: 1.461 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.073 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

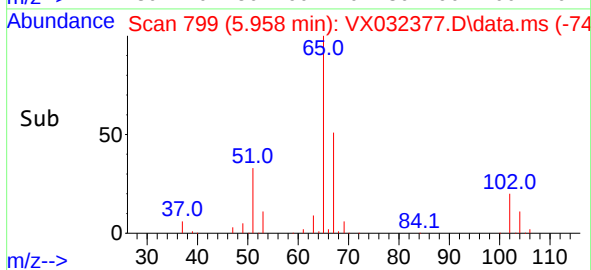
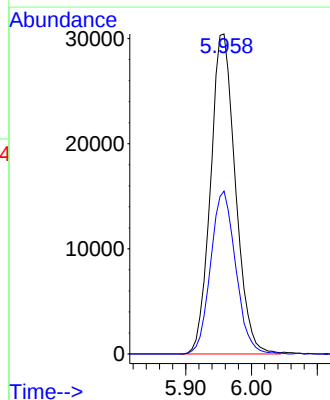
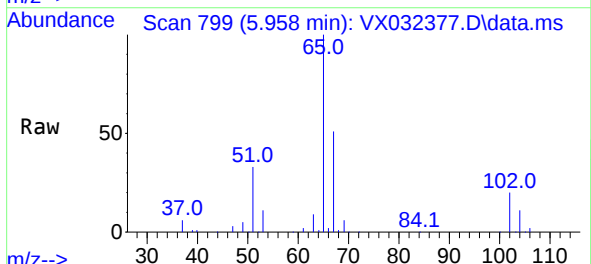


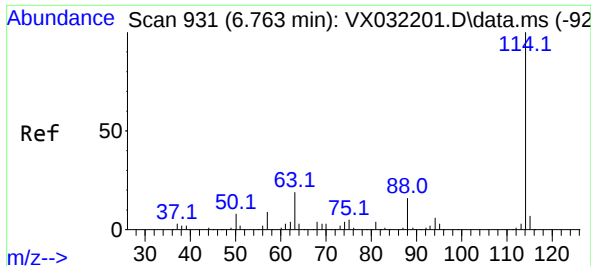
Tgt Ion: 56 Resp: 2779
Ion Ratio Lower Upper
56 100
69 139.4 25.4 38.0#
84 110.0 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.179 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 65 Resp: 80176
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6

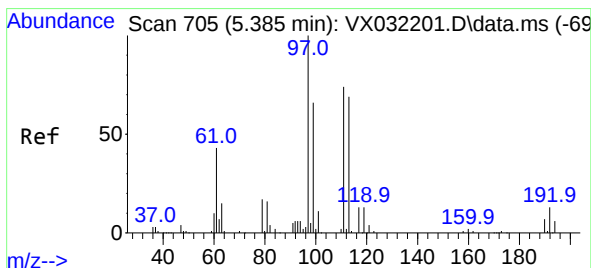
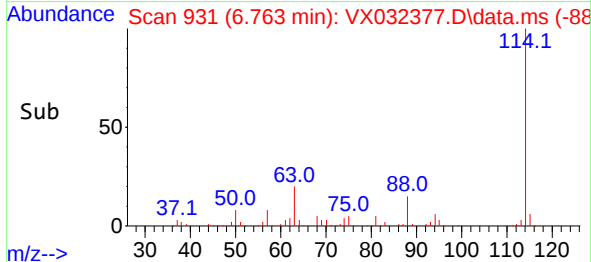
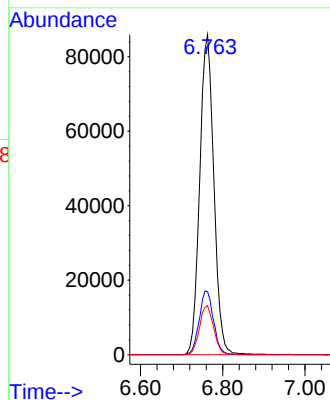
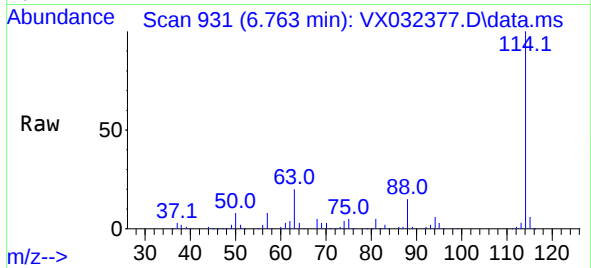




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

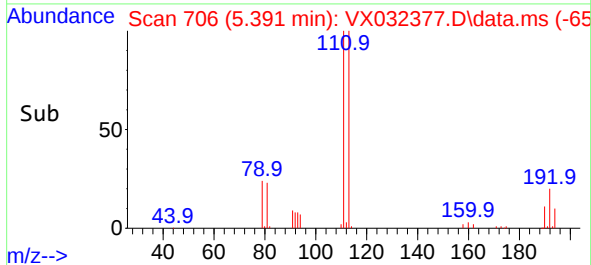
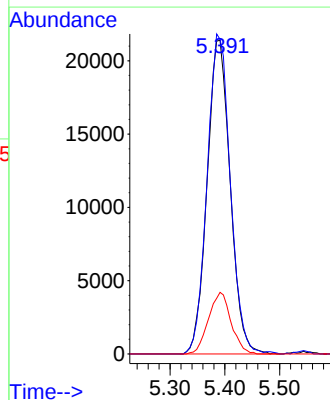
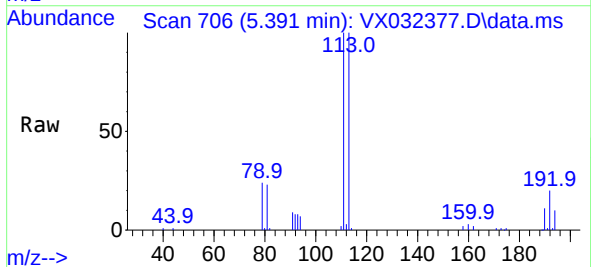
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

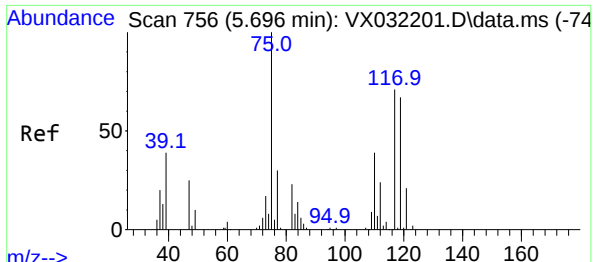
Tgt Ion:114 Resp: 204674
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 43.958 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion:113 Resp: 62607
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.2 15.5 23.3

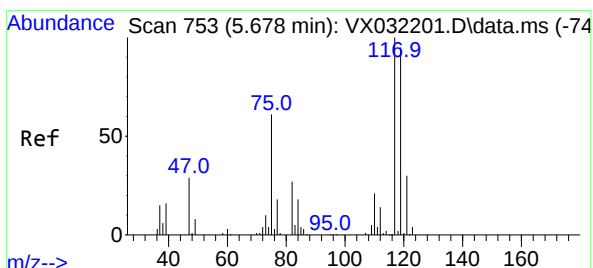
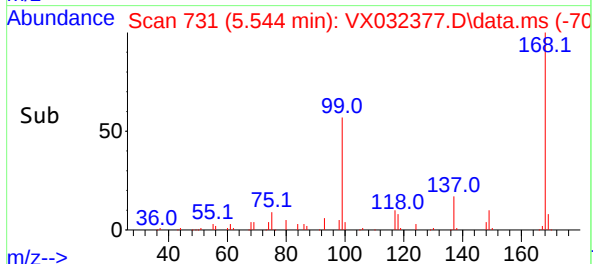
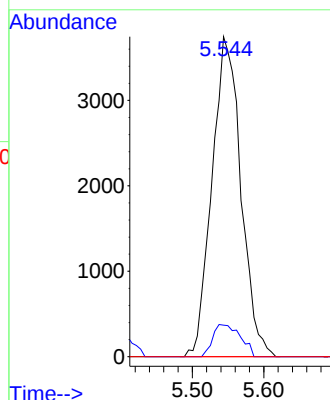
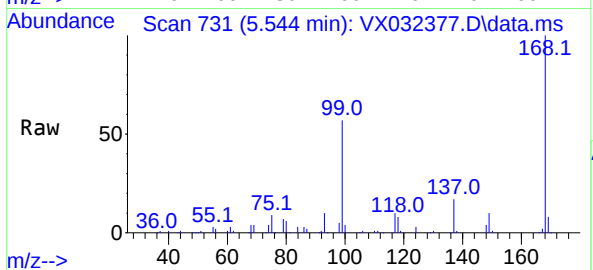




#36
1,1-Dichloropropene
Concen: 5.740 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

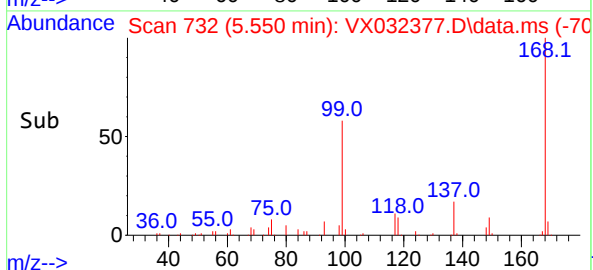
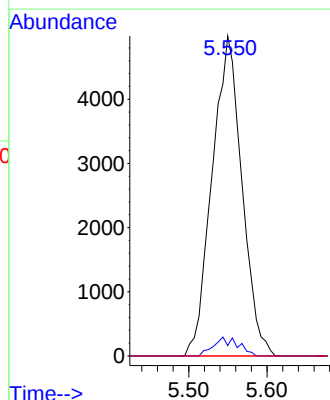
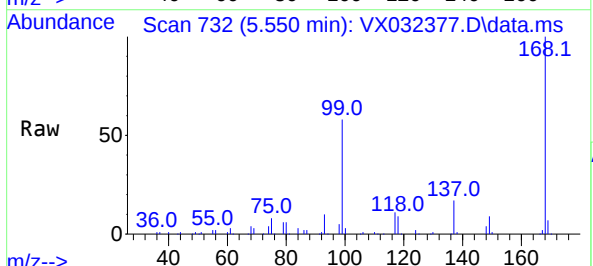
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

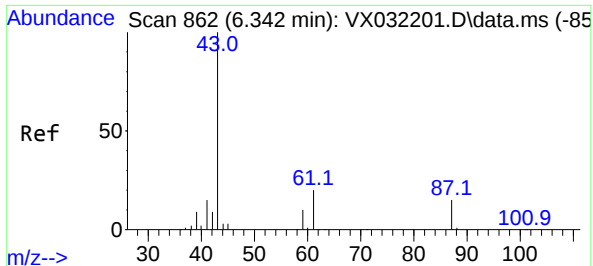
Tgt Ion: 75 Resp: 10517
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 117 Resp: 13197
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.0#
121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.215 ug/l

RT: 6.373 min Scan# 8

Delta R.T. 0.031 min

Lab File: VX032377.D

Acq: 25 Oct 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

SB-A1-3.5-4.0

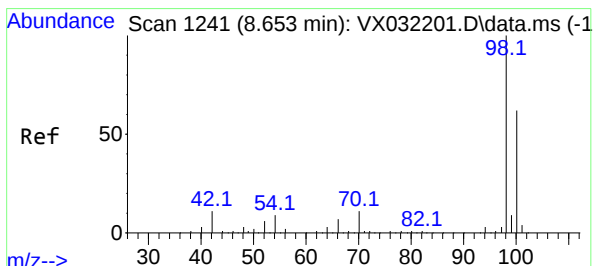
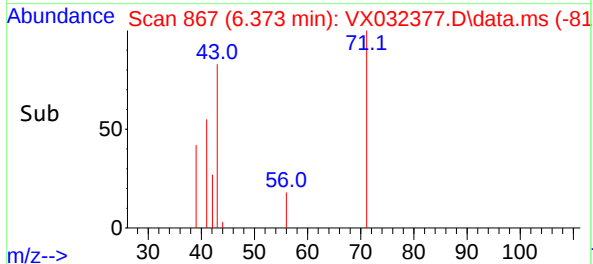
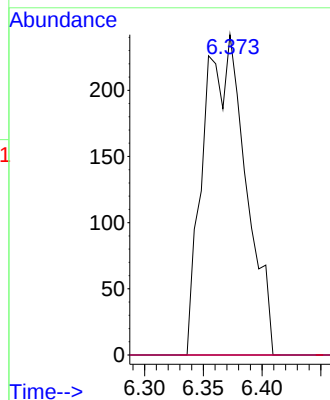
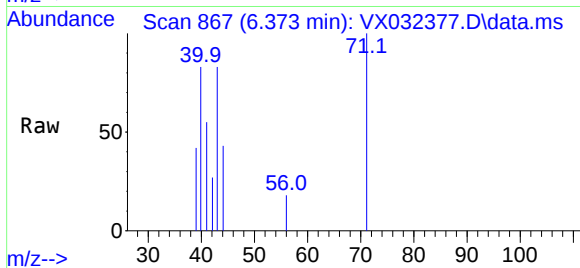
Tgt Ion: 43 Resp: 606

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 0.0 11.0 16.6#



#50

Toluene-d8

Concen: 46.280 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032377.D

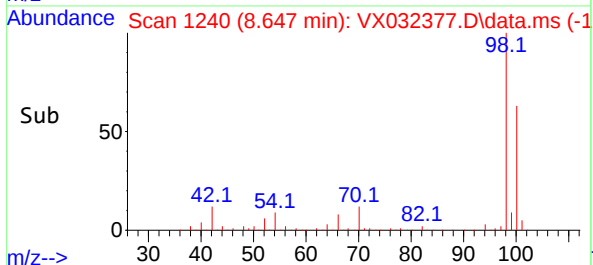
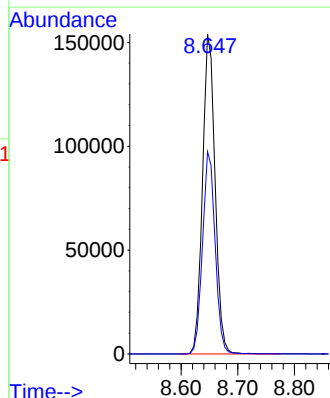
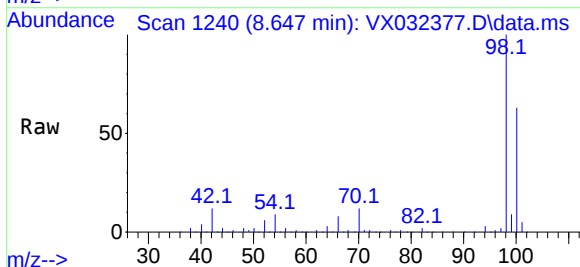
Acq: 25 Oct 2022 20:16

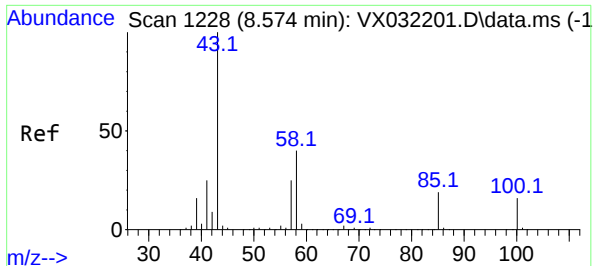
Tgt Ion: 98 Resp: 237271

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.640 ug/l

RT: 8.647 min Scan# 1129

Delta R.T. 0.073 min

Lab File: VX032377.D

Acq: 25 Oct 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

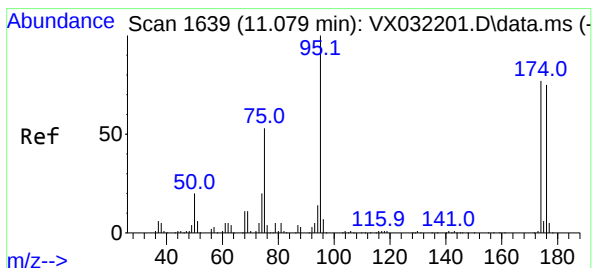
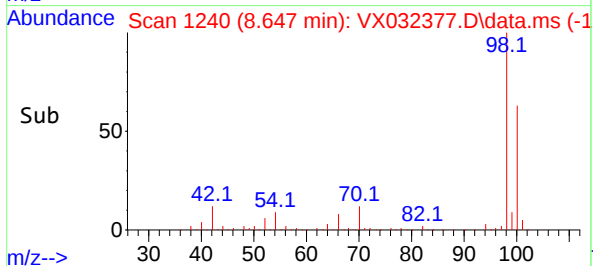
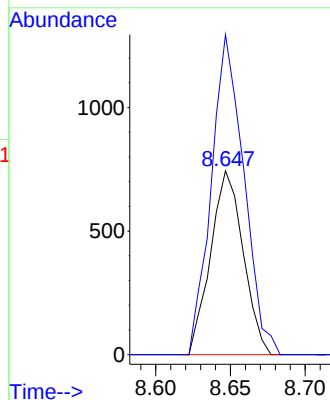
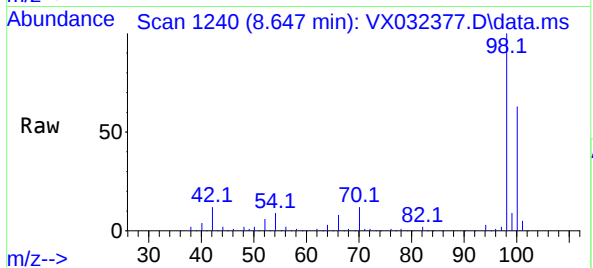
SB-A1-3.5-4.0

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 173.8 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 42.869 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032377.D

Acq: 25 Oct 2022 20:16

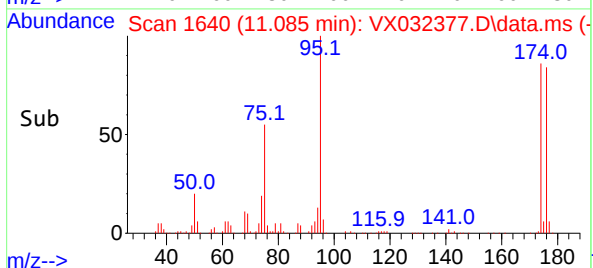
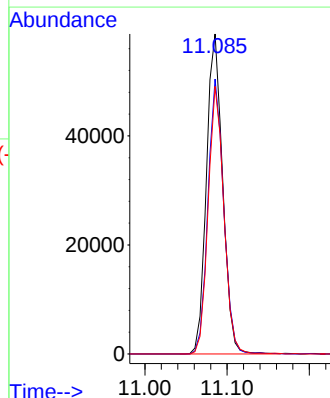
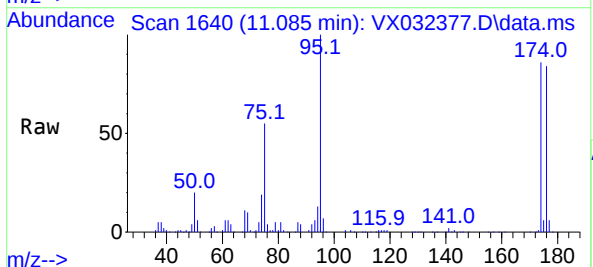
Tgt Ion: 95 Resp: 80482

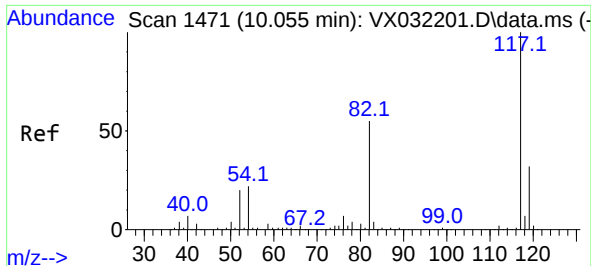
Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.8

176 80.7 0.0 161.4

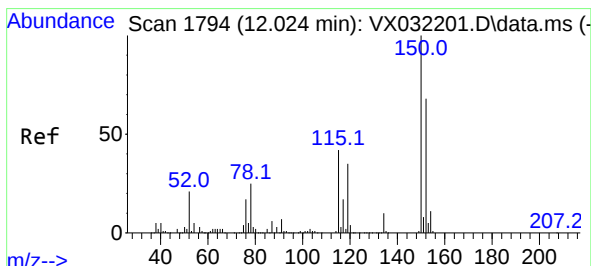
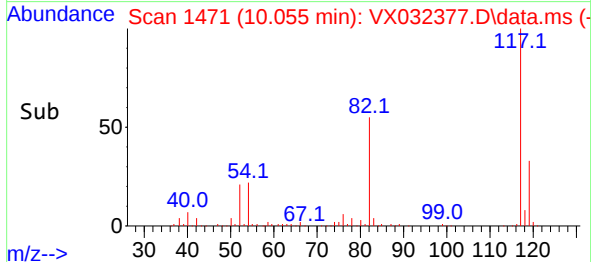
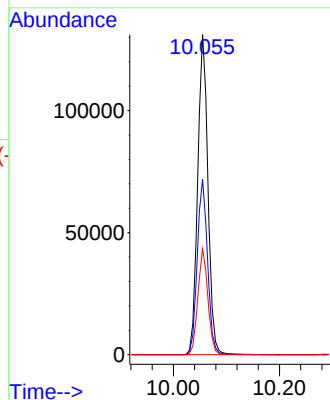
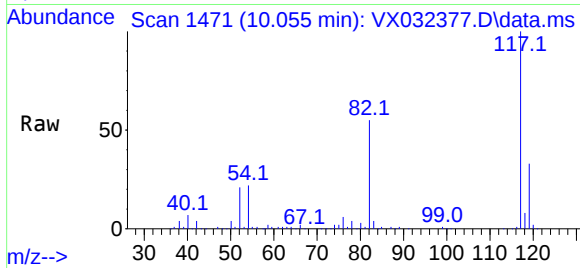




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

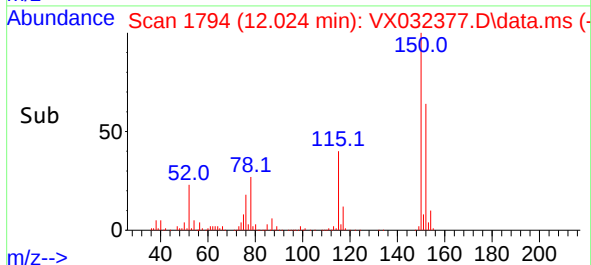
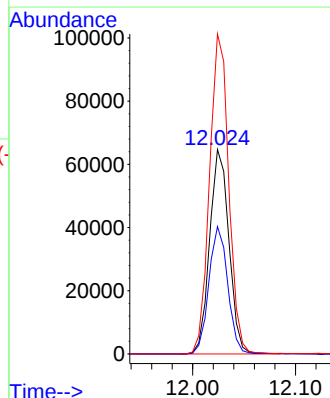
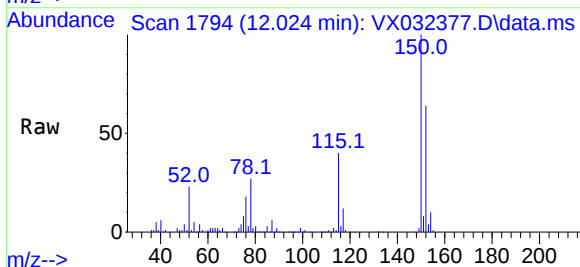
Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

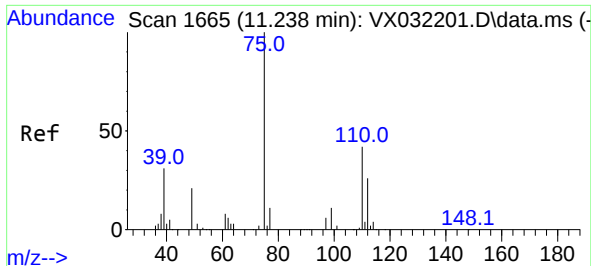
Tgt Ion:117 Resp: 175776
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 33.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion:152 Resp: 84612
Ion Ratio Lower Upper
152 100
115 61.0 43.1 129.4
150 155.6 0.0 348.6

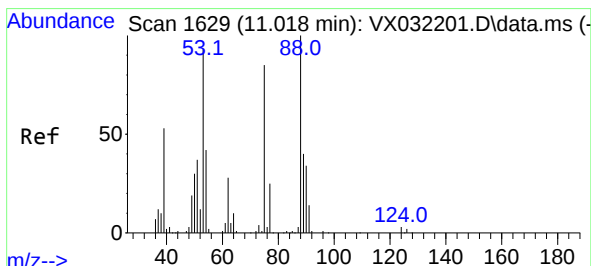
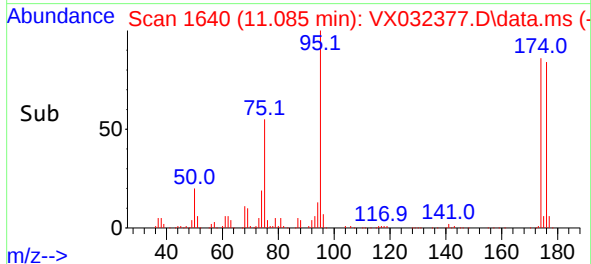
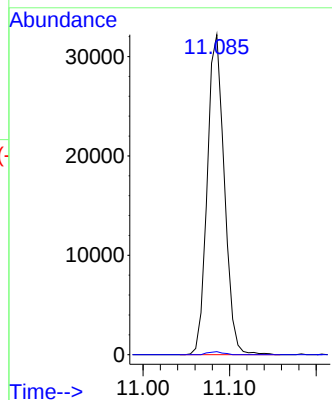
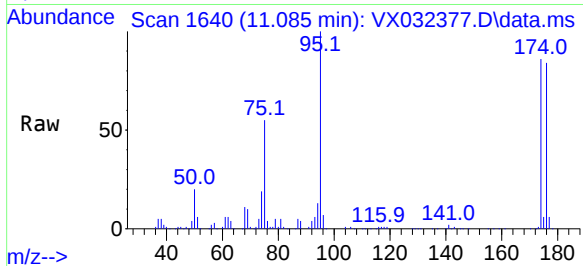




#76
1,2,3-Trichloropropane
Concen: 26.321 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
SB-A1-3.5-4.0

Tgt Ion: 75 Resp: 44128
Ion Ratio Lower Upper
75 100
77 0.8 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.888 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX032377.D
Acq: 25 Oct 2022 20:16

Tgt Ion: 75 Resp: 44128
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

