

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033960.D
 Acq On : 31 Jan 2023 10:42
 Operator : JC/MD
 Sample : VX0131WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0131WBL01

Quant Time: Feb 01 02:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

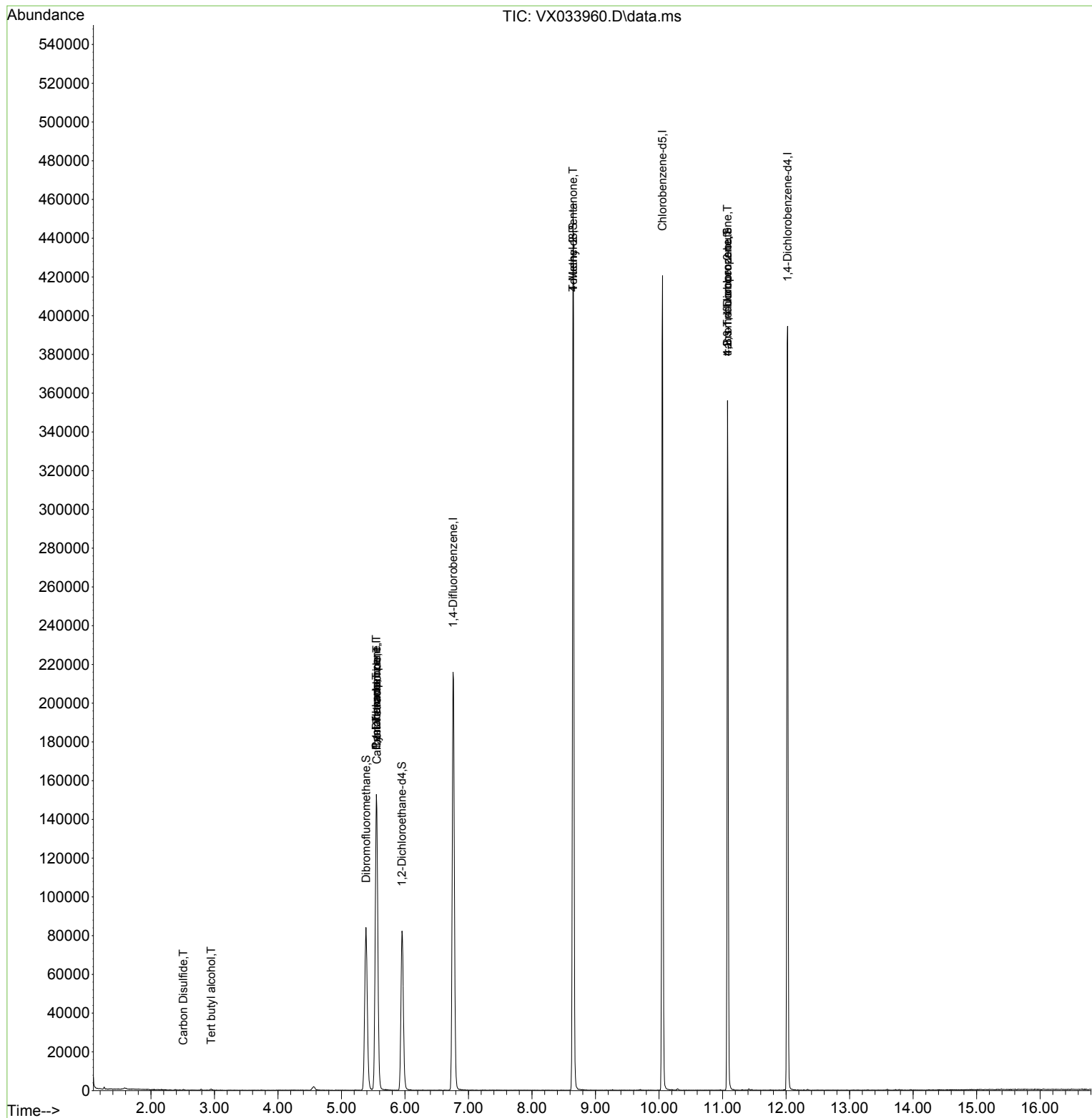
Internal Standards						
1) Pentafluorobenzene	5.550	168	166946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78557	44.691	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.380%		
35) Dibromofluoromethane	5.385	113	72661	49.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	8.647	98	269422	50.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.079	95	91121	45.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.947	59	283	0.927	ug/l #	86
16) Acetone	2.380	43	321	Below Cal	#	88
17) Carbon Disulfide	2.508	76	544	1.975	ug/l #	76
20) Methylene Chloride	2.788	84	307	Below Cal	#	39
31) Cyclohexane	5.550	56	2423	0.937	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9507	4.413	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13933	6.244	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1105	0.529	ug/l #	1
64) Tetrachloroethene	9.269	164	22	Below Cal	#	1
73) Isopropylbenzene	10.963	105	125	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41889	23.512	ug/l #	34
79) 2-Chlorotoluene	11.366	91	91	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41889	73.072	ug/l #	8
82) 4-Chlorotoluene	11.463	91	236	Below Cal	#	43

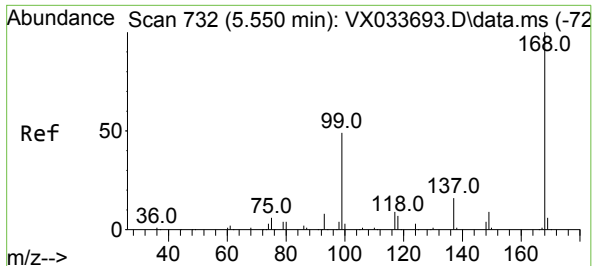
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 02:05:11 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

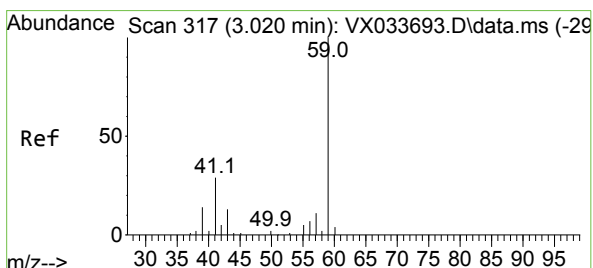
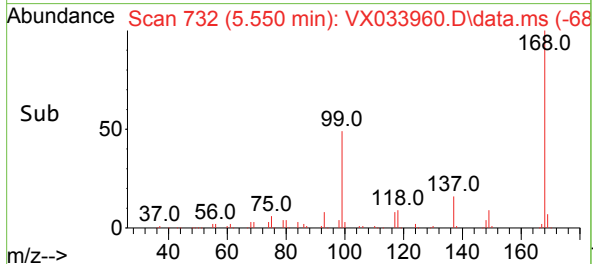
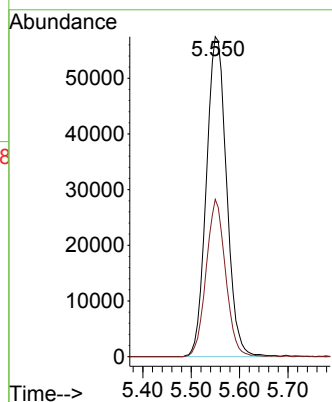
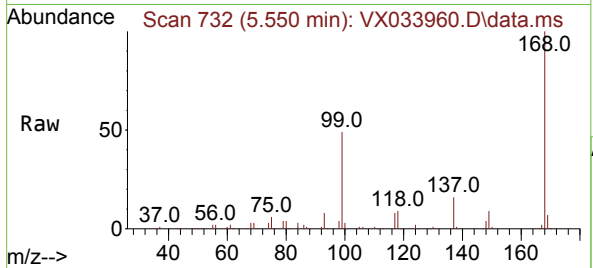




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

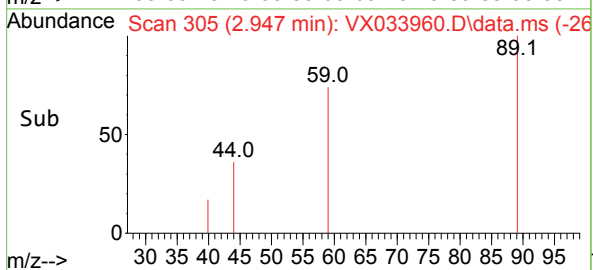
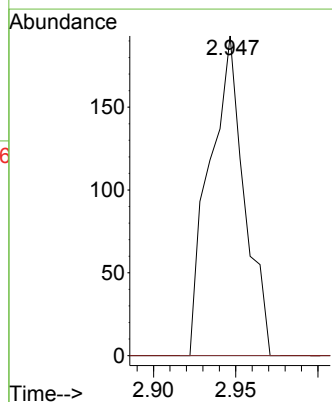
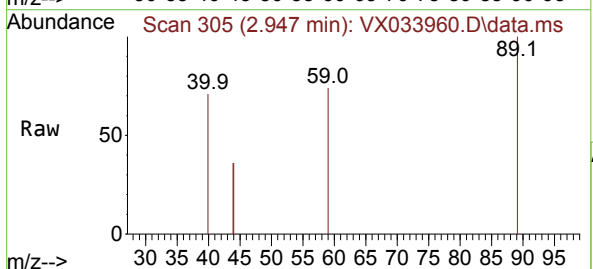
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

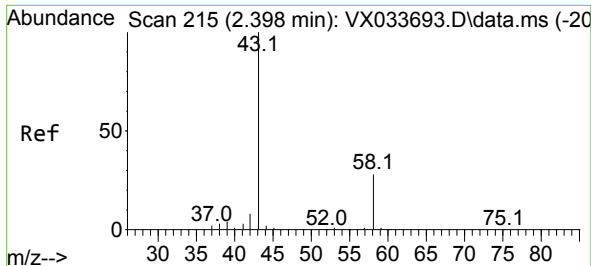
Tgt Ion:168 Resp: 166946
Ion Ratio Lower Upper
168 100
99 49.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.927 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 59 Resp: 283
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

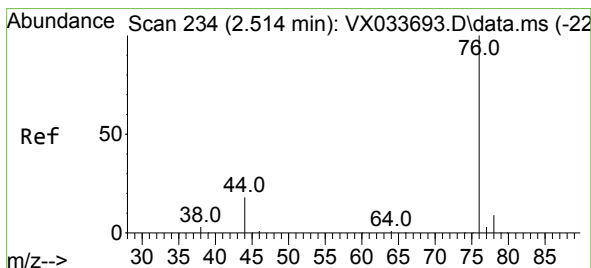
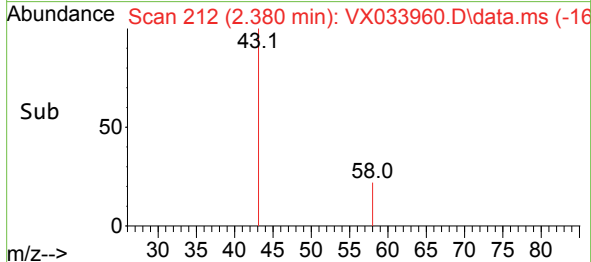
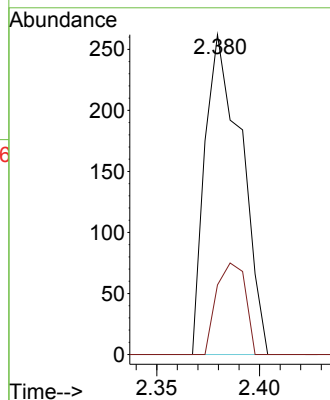
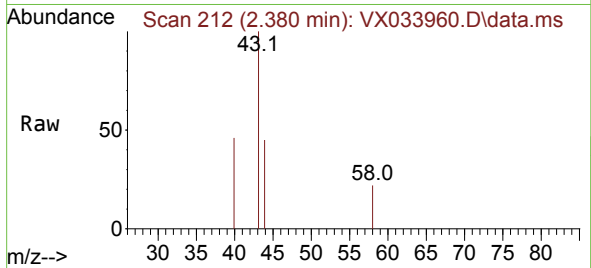




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

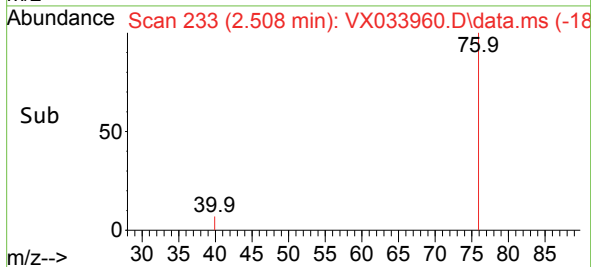
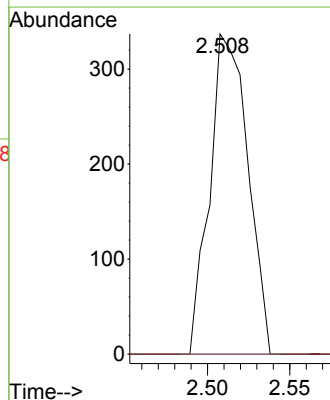
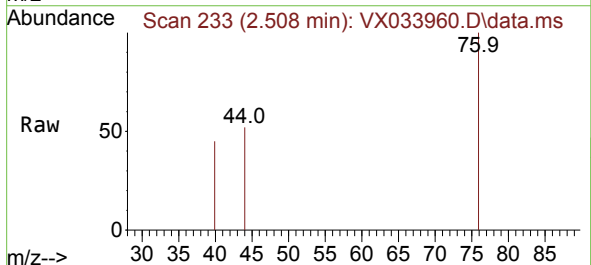
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

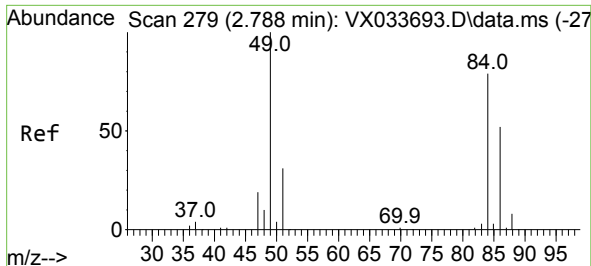
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 21.8 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.975 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 76 Resp: 544
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033960.D

Acq: 31 Jan 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX0131WBL01

Tgt Ion: 84 Resp: 307

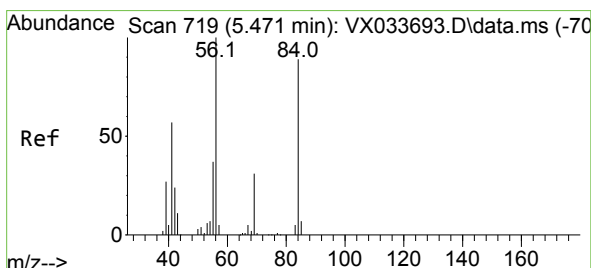
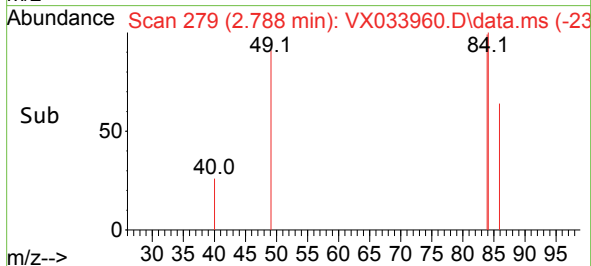
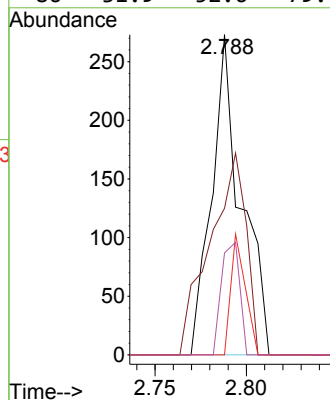
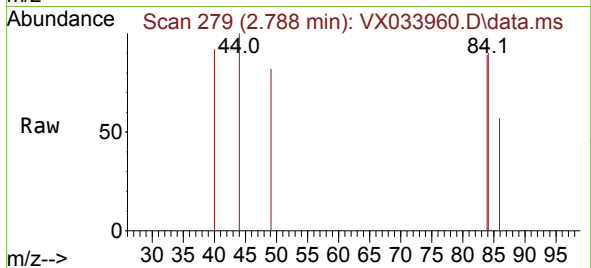
Ion Ratio Lower Upper

84 100

49 45.8 101.1 151.7#

51 0.0 31.0 46.6#

86 31.9 52.6 79.0#



#31

Cyclohexane

Concen: 0.937 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033960.D

Acq: 31 Jan 2023 10:42

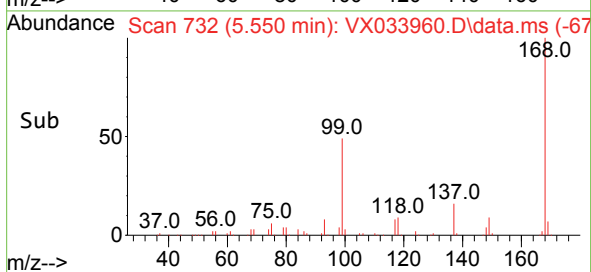
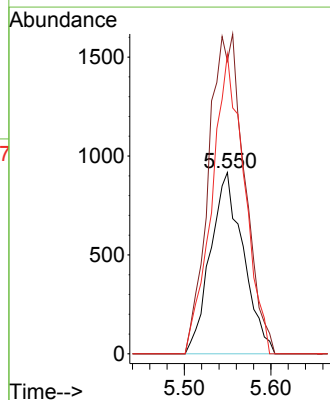
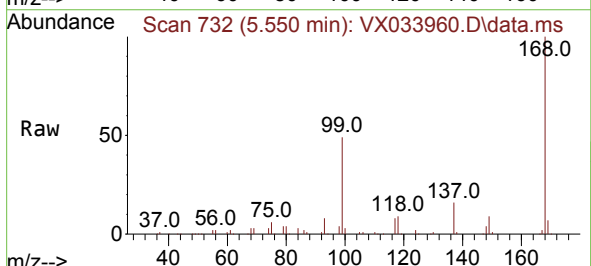
Tgt Ion: 56 Resp: 2423

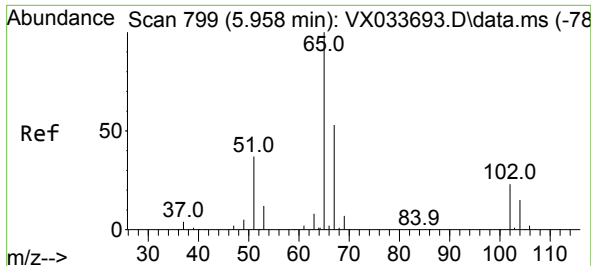
Ion Ratio Lower Upper

56 100

69 161.4 24.6 37.0#

84 165.1 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.691 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033960.D

Acq: 31 Jan 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

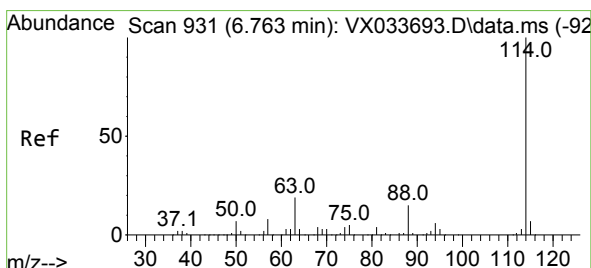
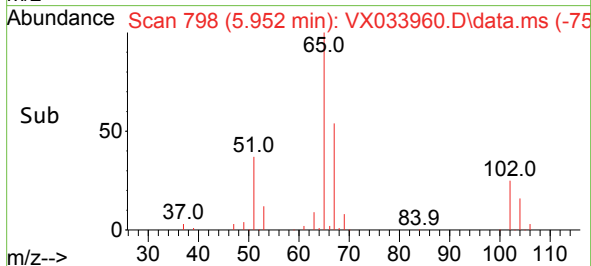
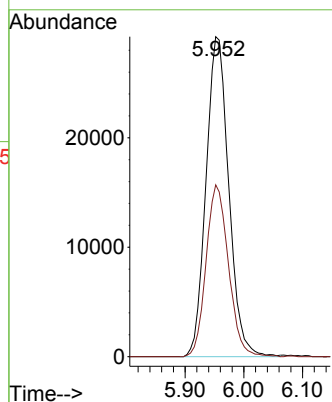
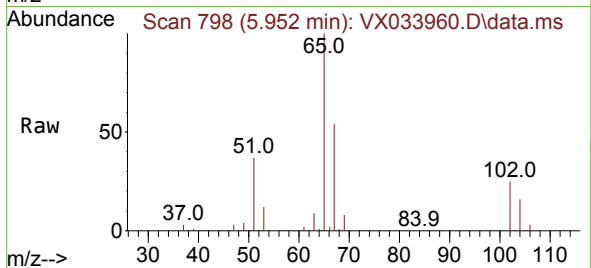
VX0131WBL01

Tgt Ion: 65 Resp: 78557

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033960.D

Acq: 31 Jan 2023 10:42

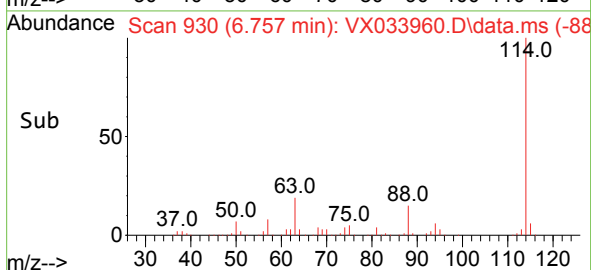
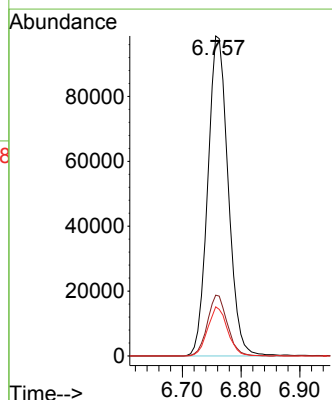
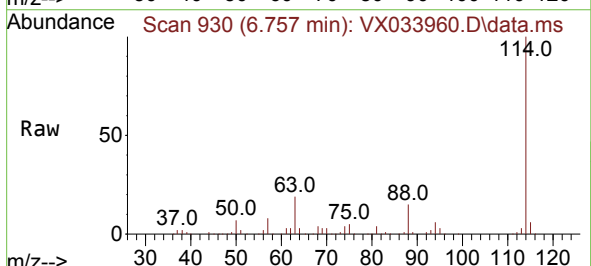
Tgt Ion: 114 Resp: 237725

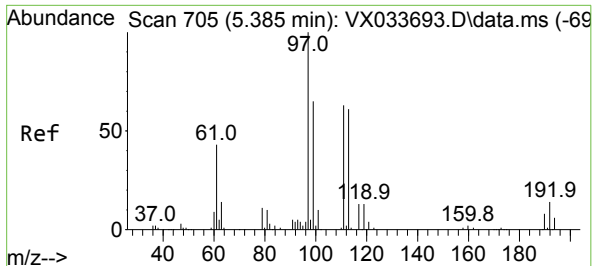
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.3 0.0 30.6

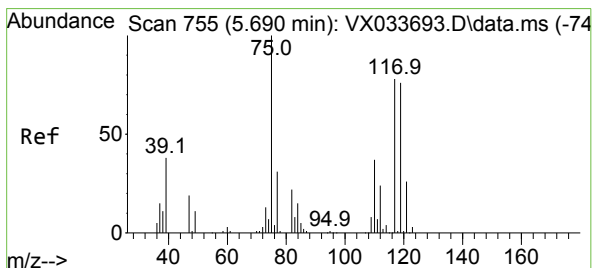
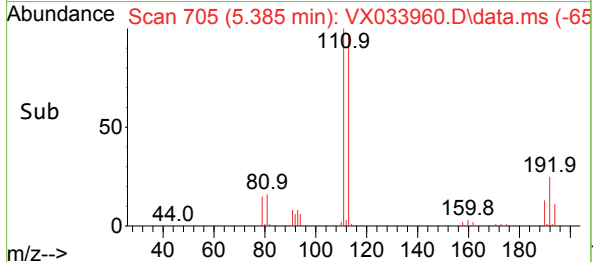
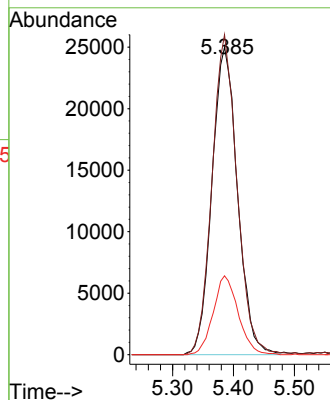
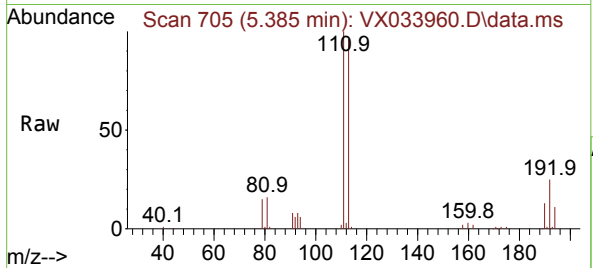




#35
Dibromofluoromethane
Concen: 49.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

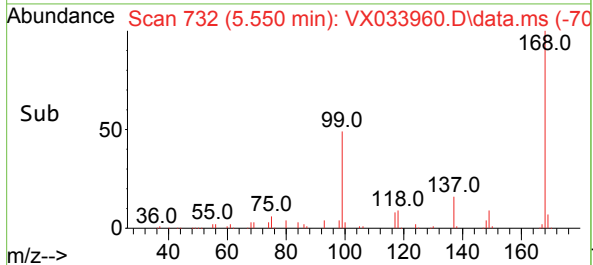
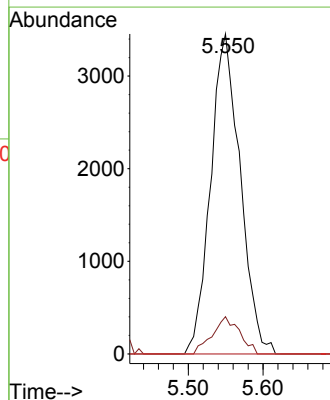
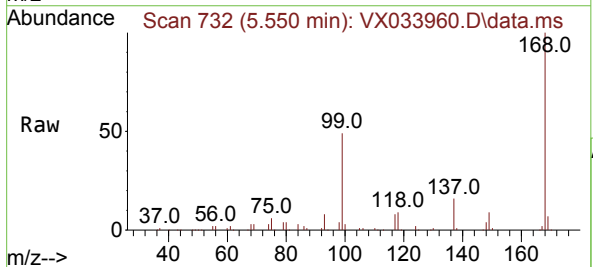
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

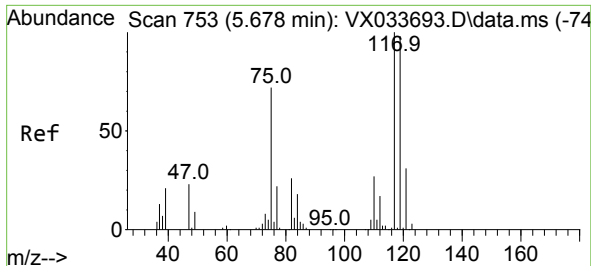
Tgt Ion:113 Resp: 72661
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 25.1 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

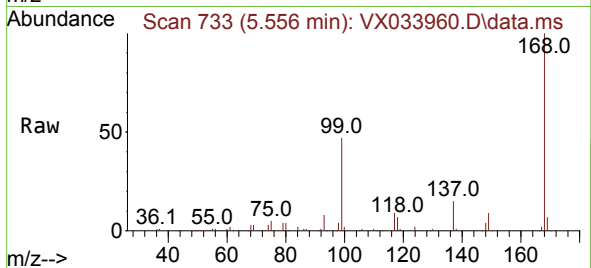
Tgt Ion: 75 Resp: 9507
Ion Ratio Lower Upper
75 100
110 10.7 18.8 56.4#
77 0.0 25.1 37.7#



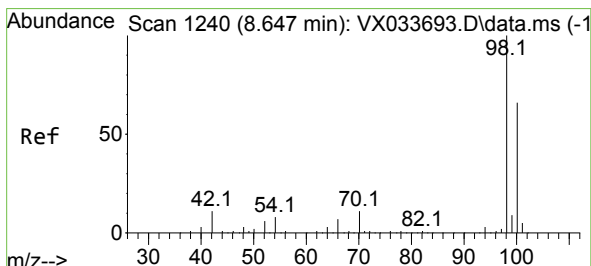
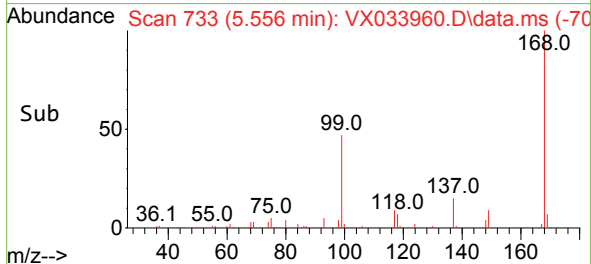
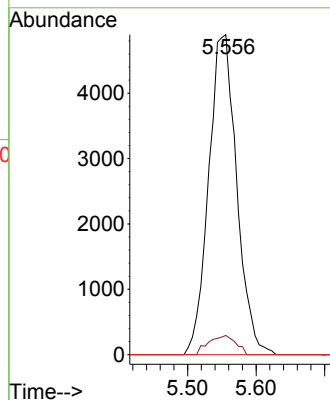


#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

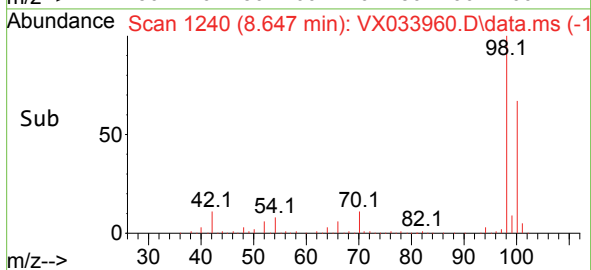
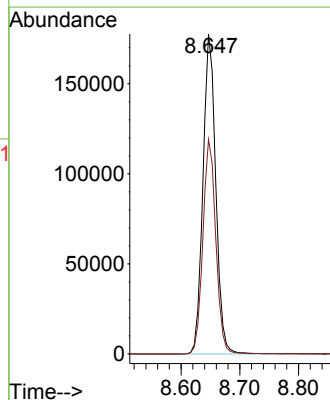
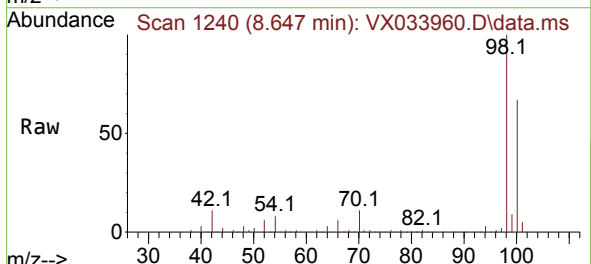


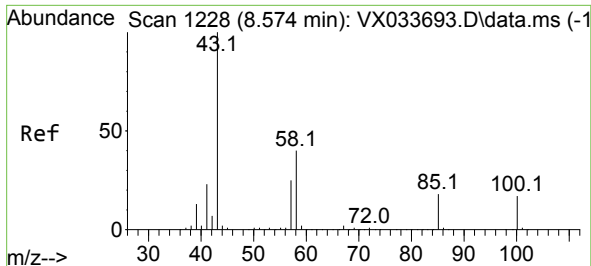
Tgt Ion:117 Resp: 13933
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 98 Resp: 269422
Ion Ratio Lower Upper
98 100
100 67.7 53.6 80.4

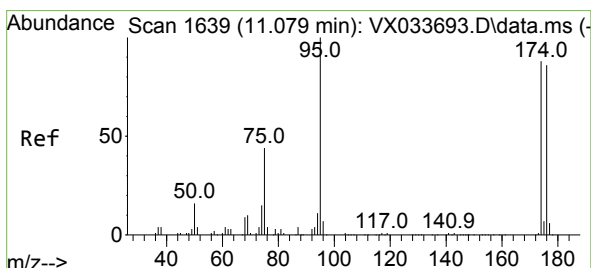
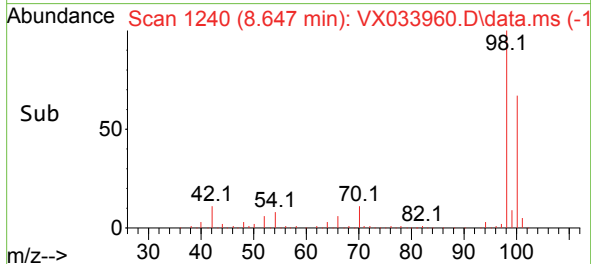
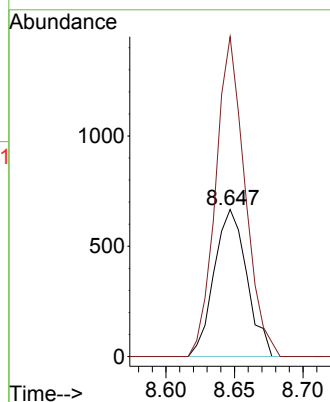
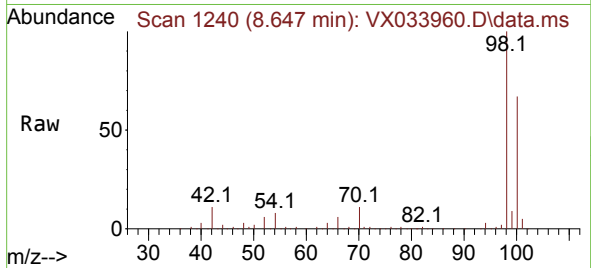




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1105
Delta R.T. 0.073 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

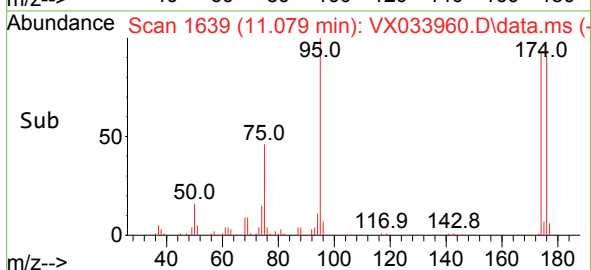
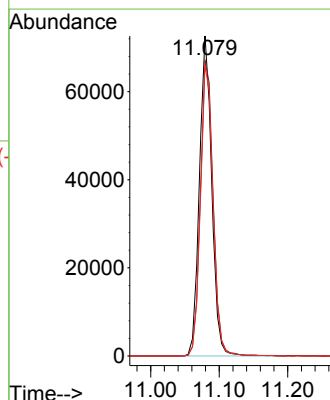
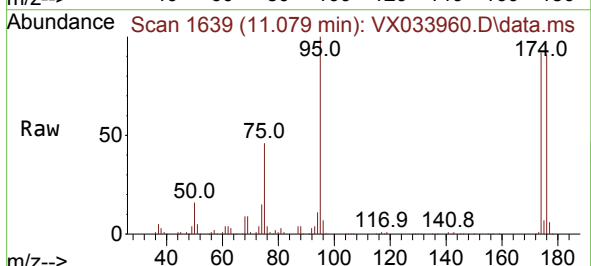
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

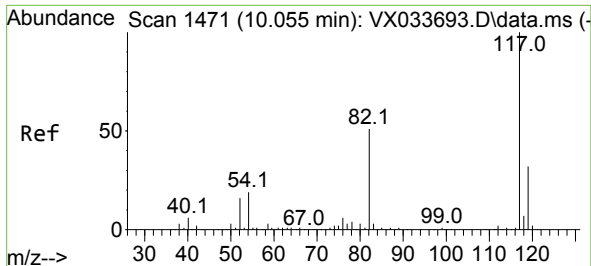
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 195.4 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 95 Resp: 91121
Ion Ratio Lower Upper
95 100
174 95.8 0.0 184.4
176 92.8 0.0 178.8

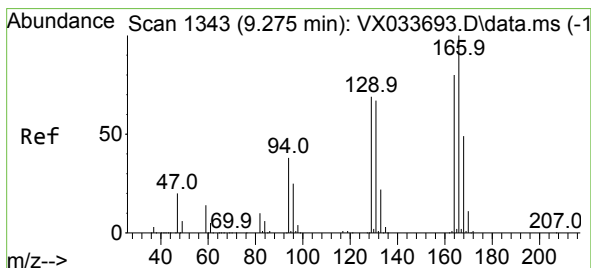
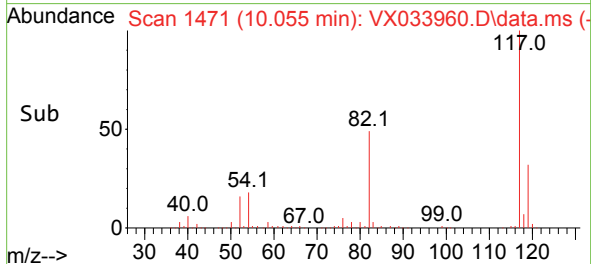
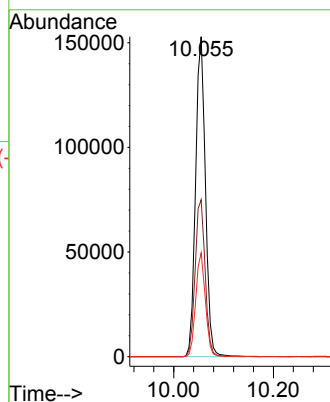
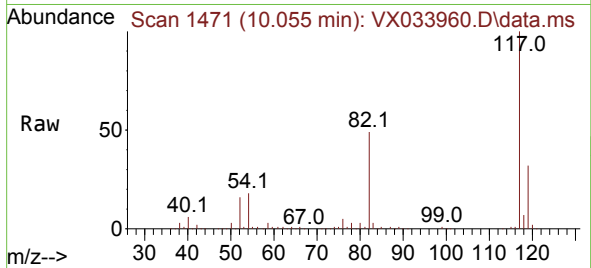




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

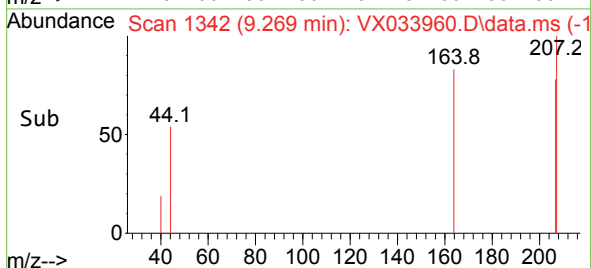
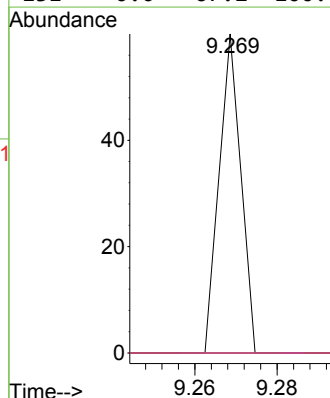
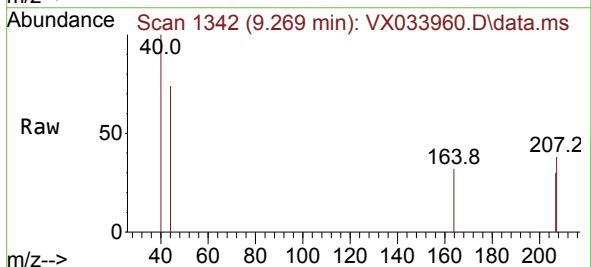
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

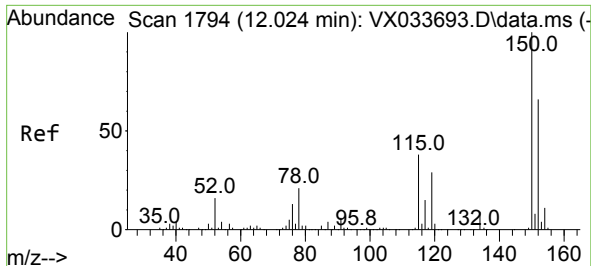
Tgt Ion:117 Resp: 209547
Ion Ratio Lower Upper
117 100
82 49.0 40.6 60.8
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion:164 Resp: 22
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#

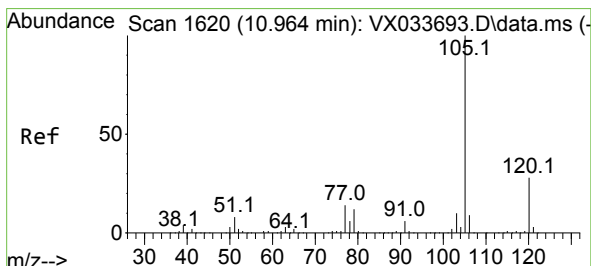
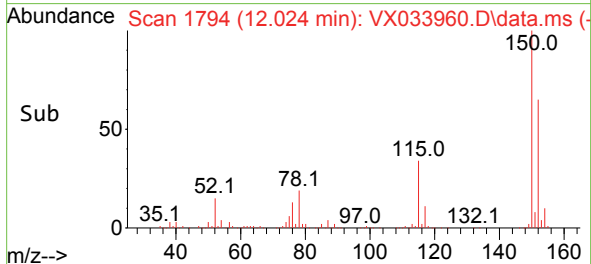
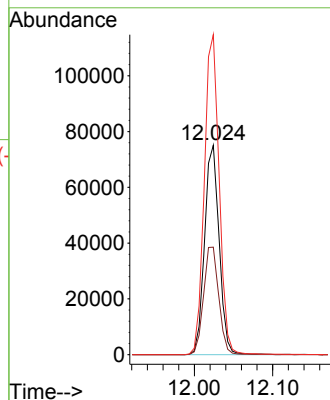
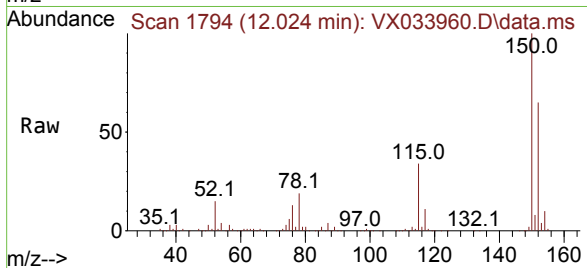




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

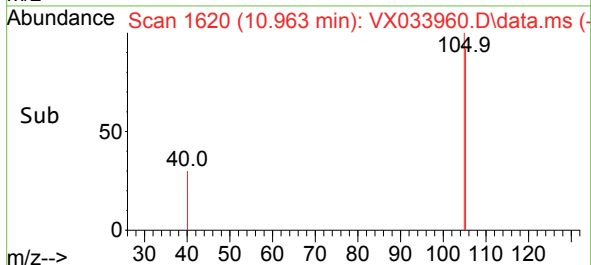
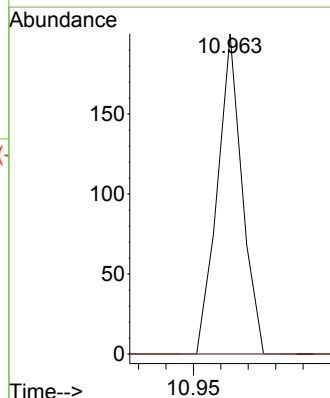
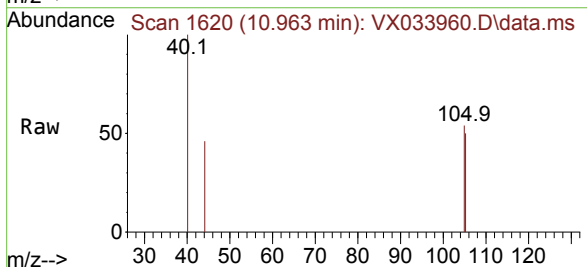
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

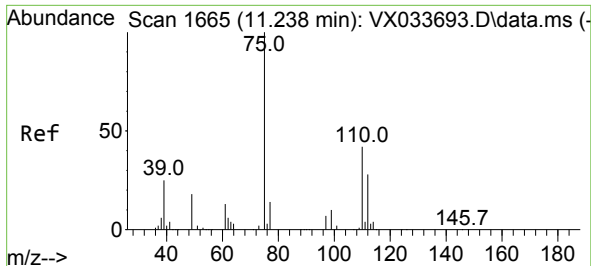
Tgt Ion:152 Resp: 96966
Ion Ratio Lower Upper
152 100
115 53.7 38.7 116.1
150 155.7 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion:105 Resp: 125
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

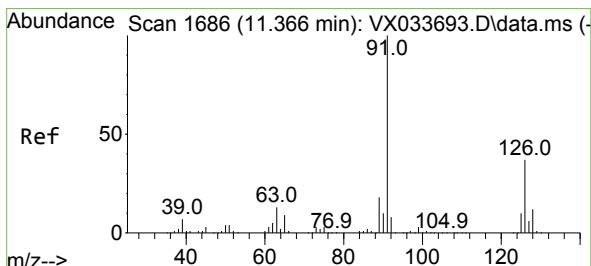
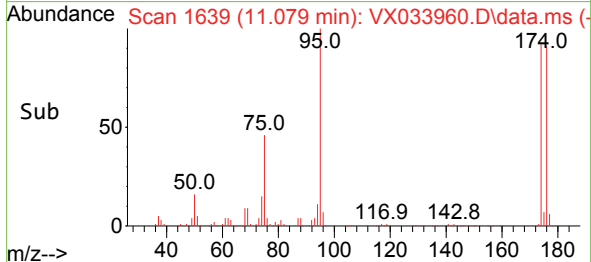
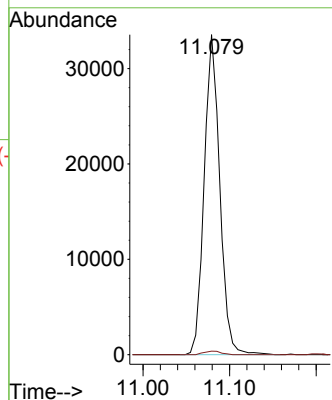
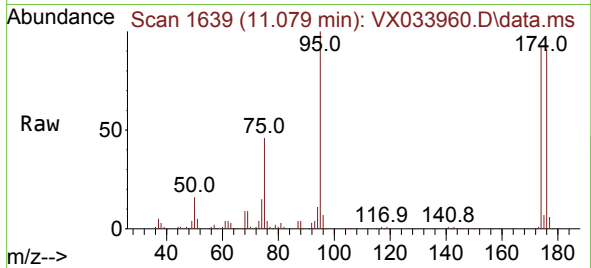




#76
1,2,3-Trichloropropane
Concen: 23.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

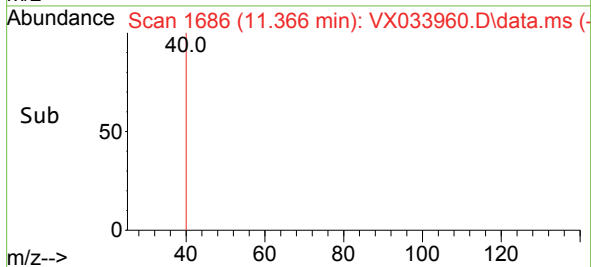
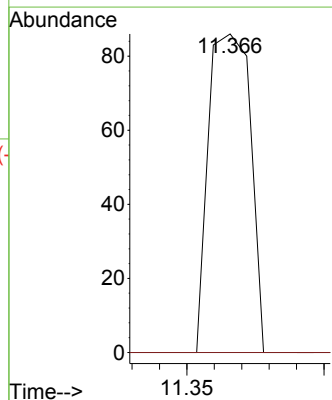
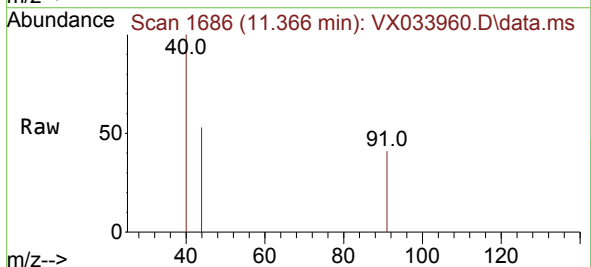
Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

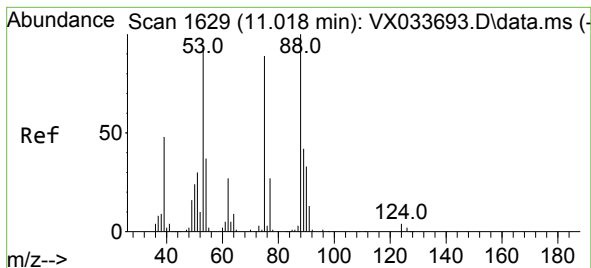
Tgt Ion: 75 Resp: 41889
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 91 Resp: 91
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

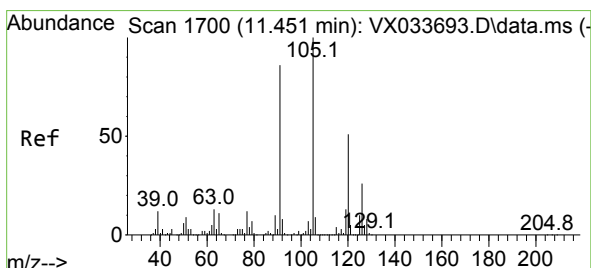
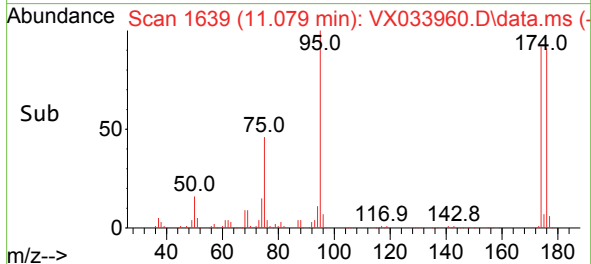
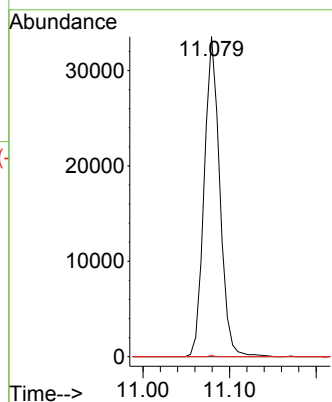
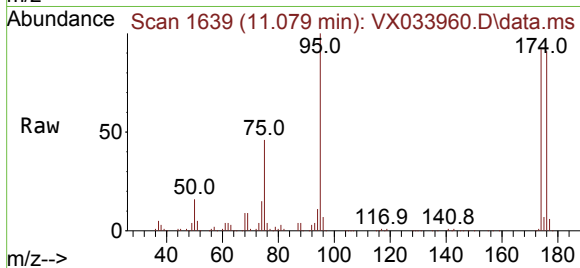




#81
trans-1,4-Dichloro-2-butene
Concen: 73.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX0131WBL01

Tgt Ion: 75 Resp: 41889
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033960.D
Acq: 31 Jan 2023 10:42

Tgt Ion: 91 Resp: 236
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

