

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032477.D
 Acq On : 31 Oct 2022 10:54
 Operator : JC/MD
 Sample : VX1031WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBL01

Quant Time: Nov 01 05:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

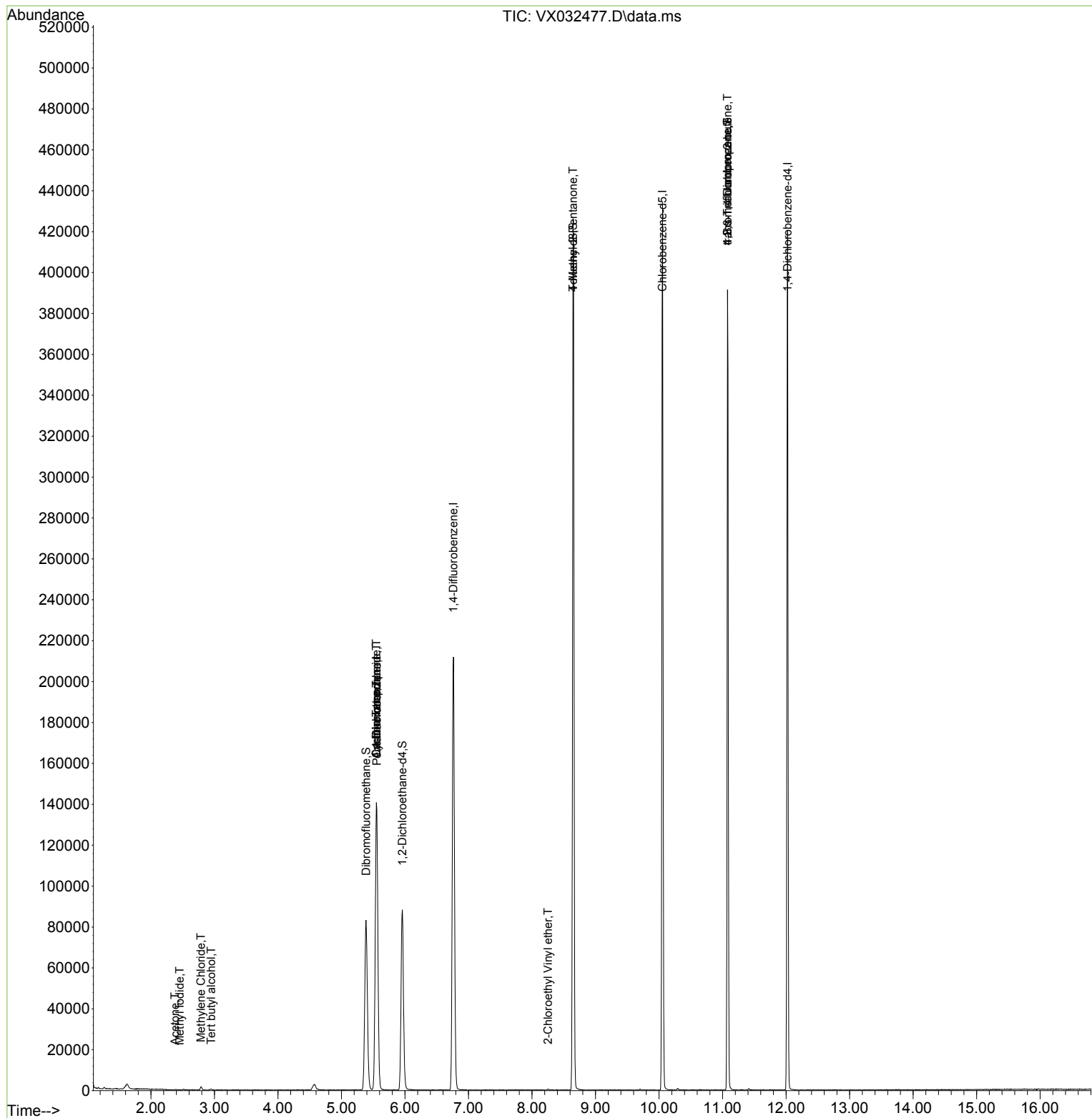
Internal Standards						
1) Pentafluorobenzene	5.556	168	134174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89322	47.911	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.820%		
35) Dibromofluoromethane	5.385	113	70435	45.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	8.647	98	253594	47.302	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.600%		
62) 4-Bromofluorobenzene	11.079	95	95833	45.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	24	1.931	ug/l #	37
11) Tert butyl alcohol	2.947	59	192	0.708	ug/l #	72
16) Acetone	2.380	43	262	0.387	ug/l #	45
20) Methylene Chloride	2.788	84	760	0.489	ug/l #	88
31) Cyclohexane	5.550	56	2852	1.262	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	10637	4.954	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13618	5.719	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1129	0.522	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.251	63	272	0.235	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	52617	28.123	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52617	89.489	ug/l #	6

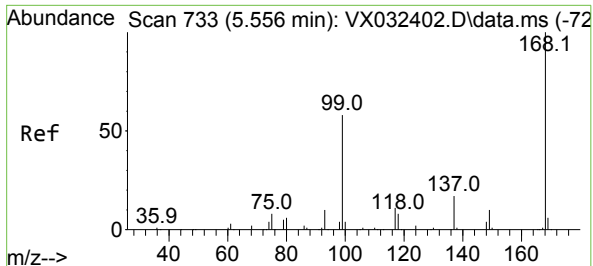
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

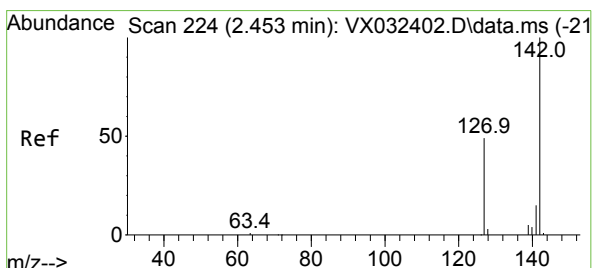
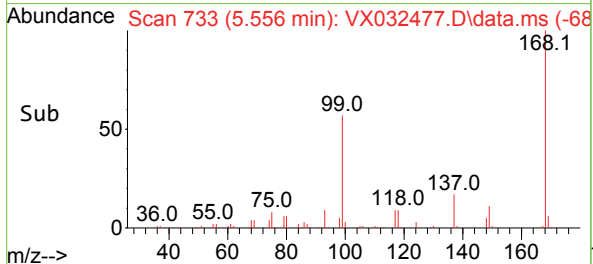
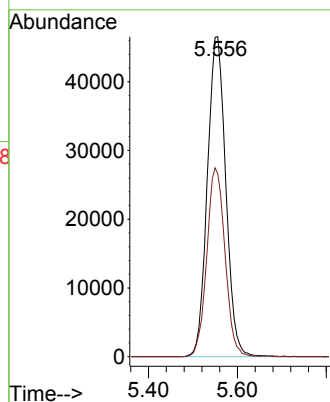
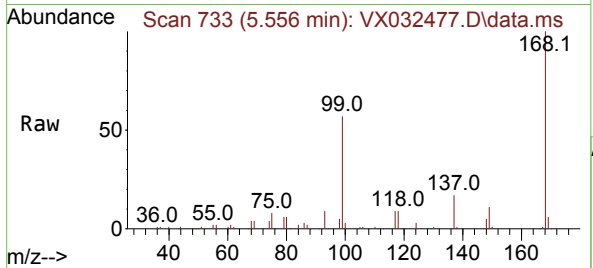




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

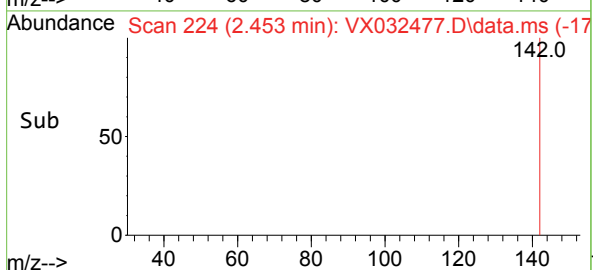
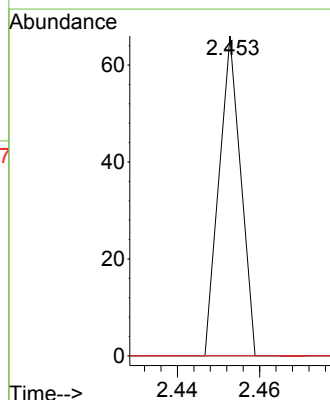
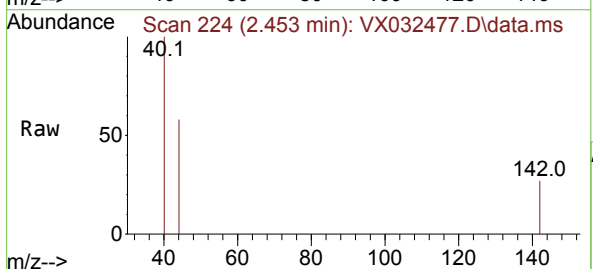
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

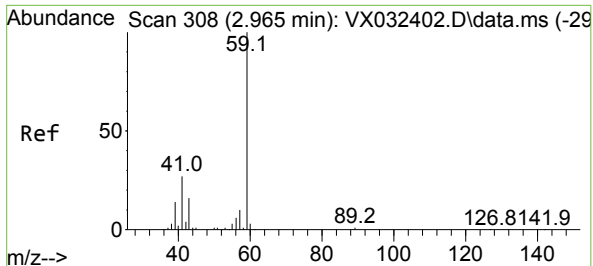
Tgt Ion:168 Resp: 134174
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#10
Methyl Iodide
Concen: 1.931 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.708 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032477.D

Acq: 31 Oct 2022 10:54

Instrument :

MSVOA_X

ClientSampleId :

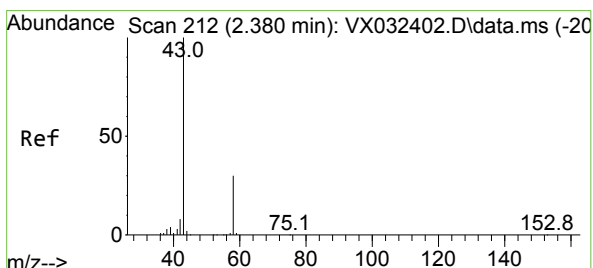
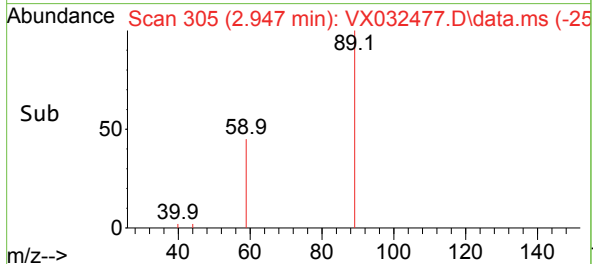
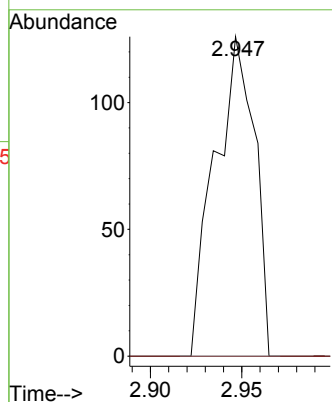
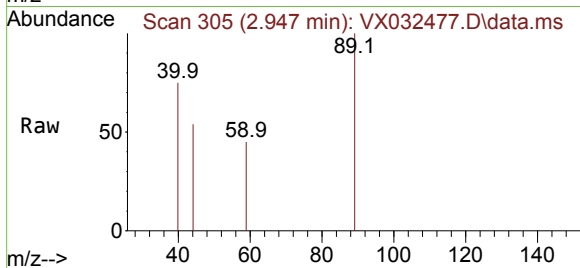
VX1031WBL01

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.387 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX032477.D

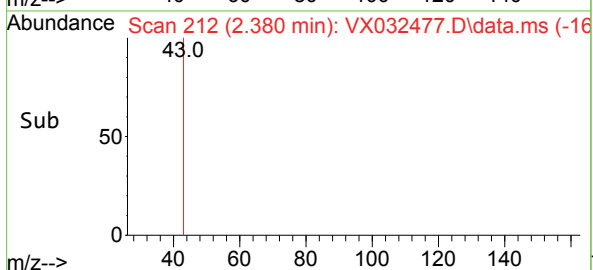
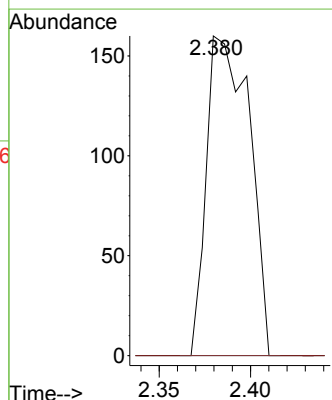
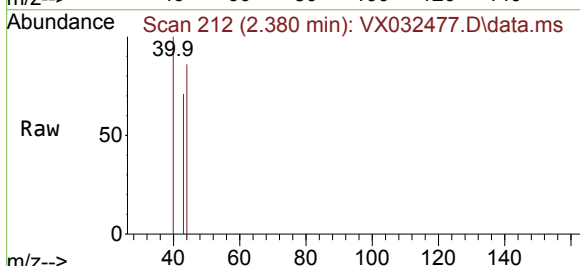
Acq: 31 Oct 2022 10:54

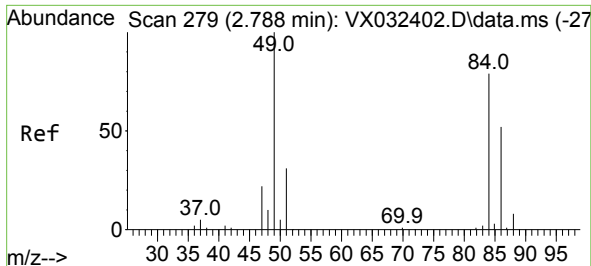
Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 0.489 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032477.D

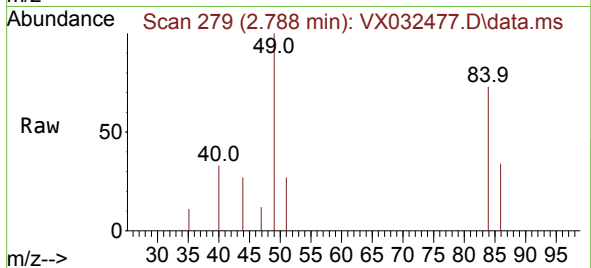
Acq: 31 Oct 2022 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBL01



Tgt Ion: 84 Resp: 760

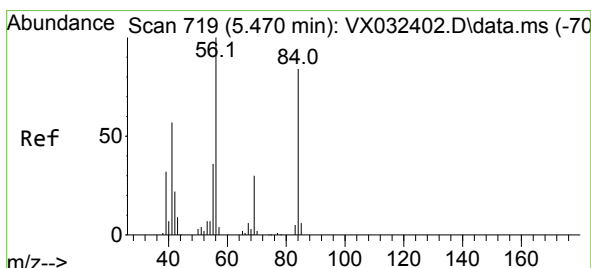
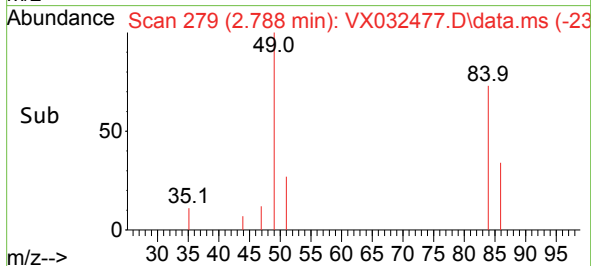
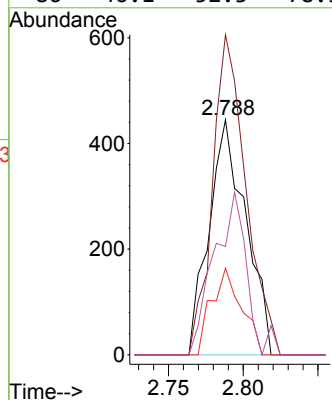
Ion Ratio Lower Upper

84 100

49 136.2 101.0 151.6

51 36.9 31.1 46.7

86 46.1 52.3 78.5#



#31

Cyclohexane

Concen: 1.262 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032477.D

Acq: 31 Oct 2022 10:54

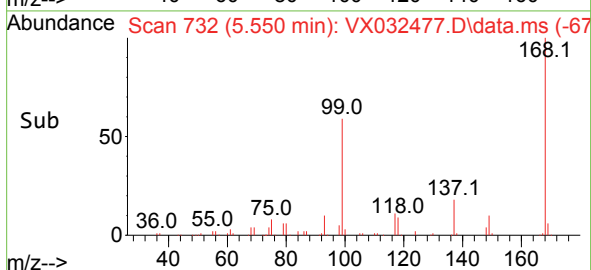
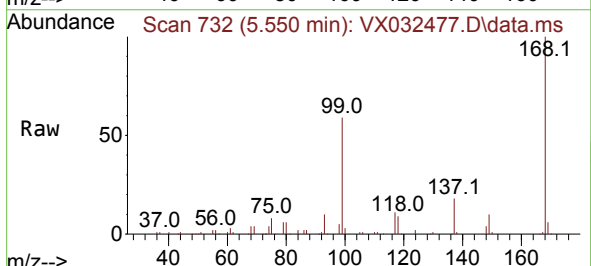
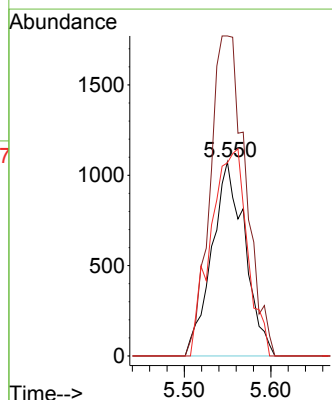
Tgt Ion: 56 Resp: 2852

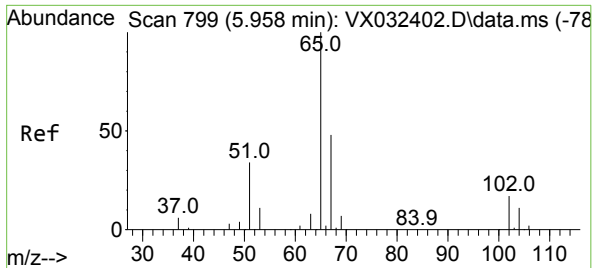
Ion Ratio Lower Upper

56 100

69 164.9 24.1 36.1#

84 99.5 66.9 100.3

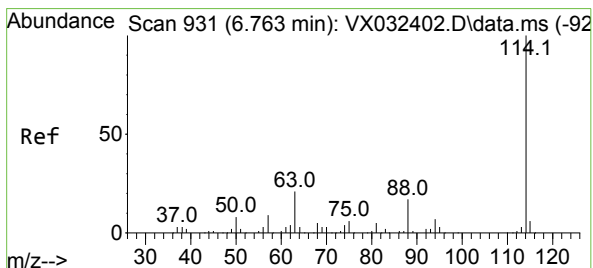
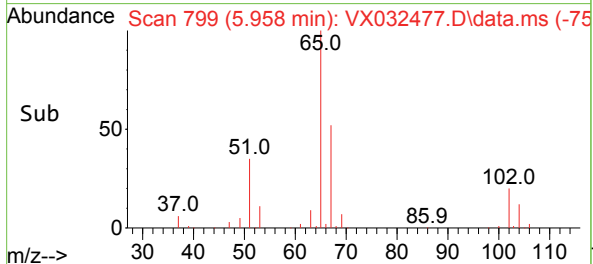
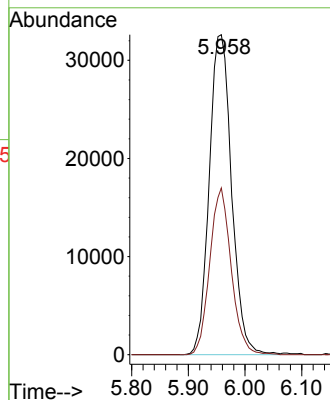
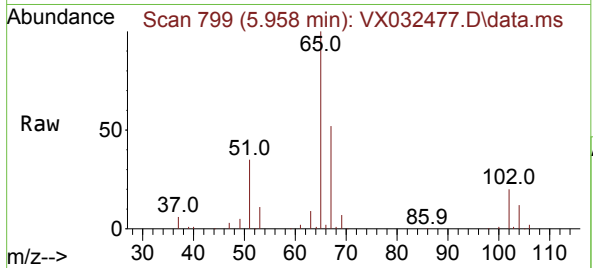




#33
 1,2-Dichloroethane-d4
 Concen: 47.911 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032477.D
 Acq: 31 Oct 2022 10:54

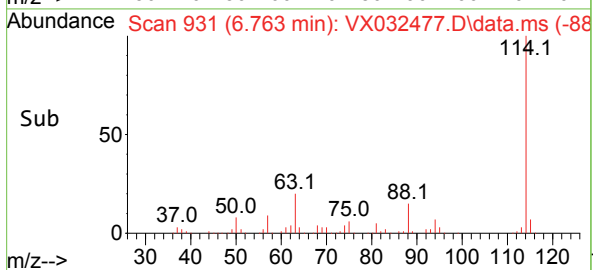
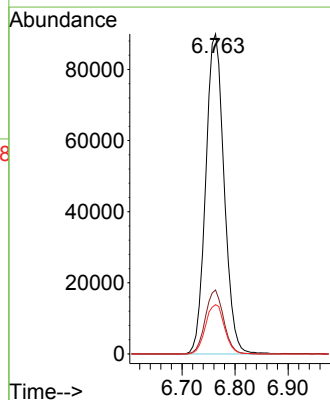
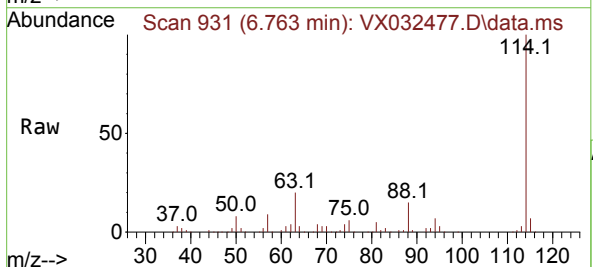
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBL01

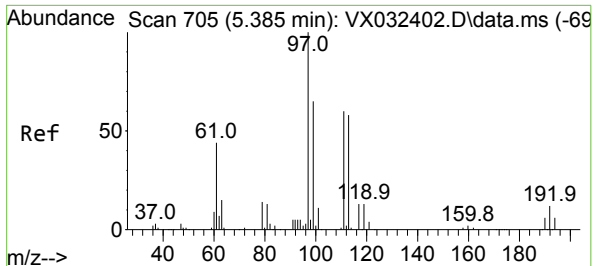
Tgt Ion: 65 Resp: 89322
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032477.D
 Acq: 31 Oct 2022 10:54

Tgt Ion: 114 Resp: 216145
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.4 0.0 33.4

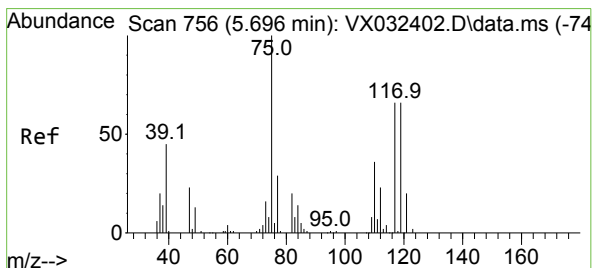
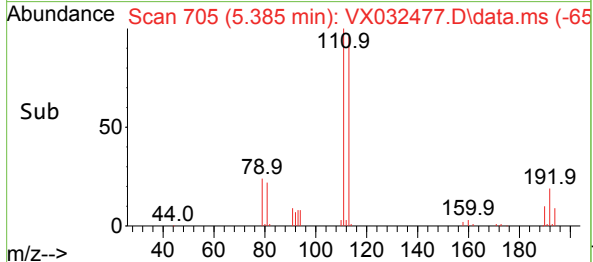
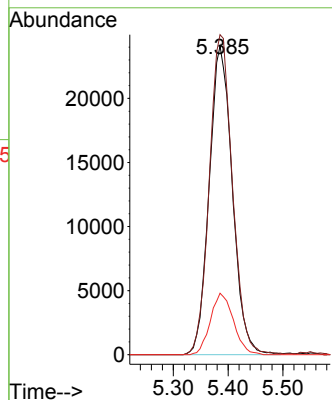
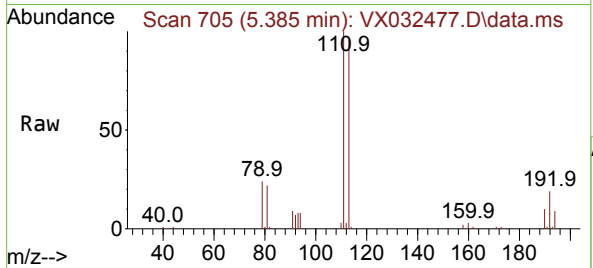




#35
Dibromofluoromethane
Concen: 45.684 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

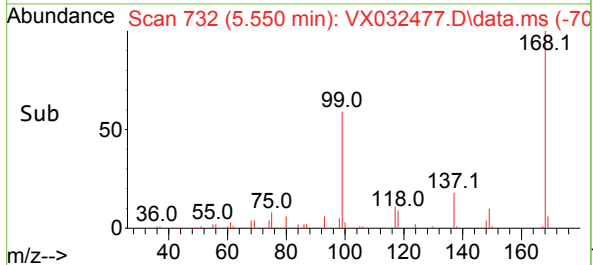
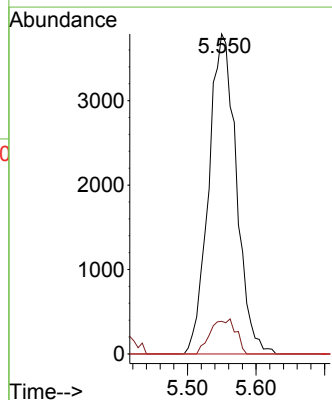
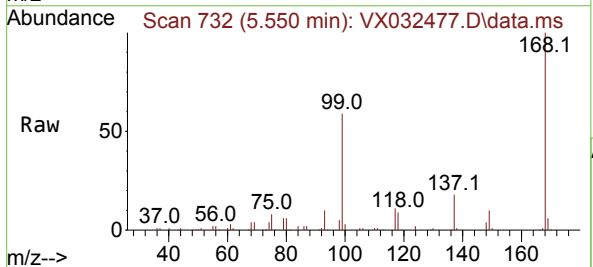
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

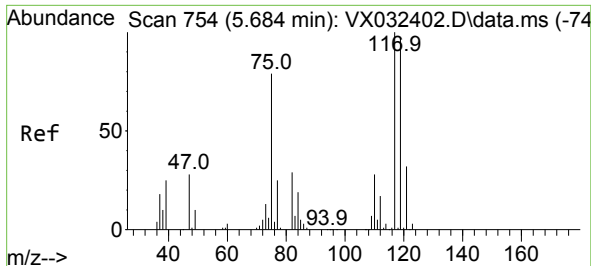
Tgt Ion:113 Resp: 70435
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

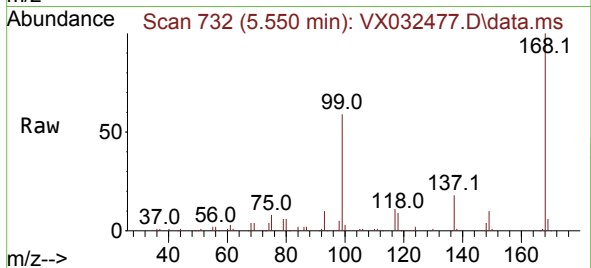
Tgt Ion: 75 Resp: 10637
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



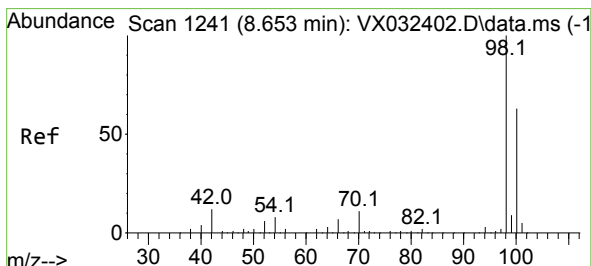
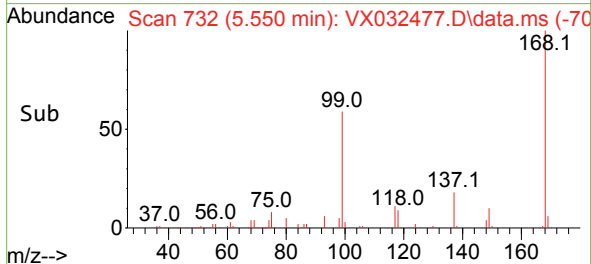
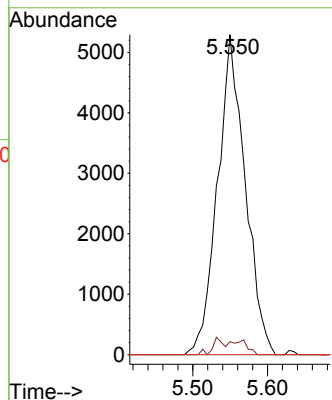


#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

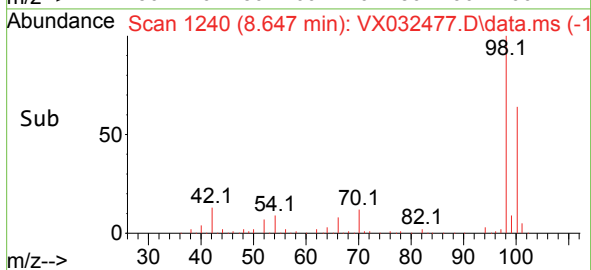
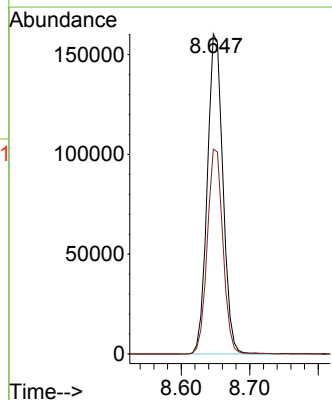
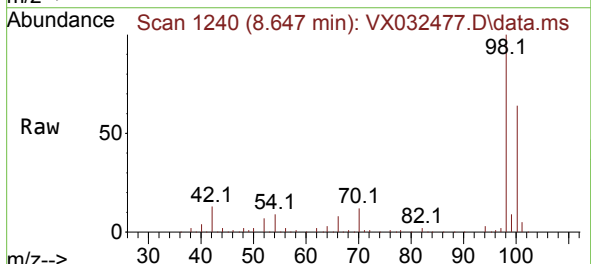


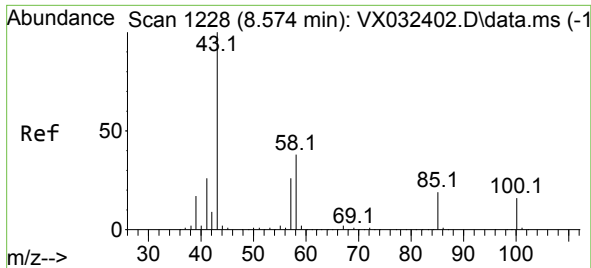
Tgt Ion:117 Resp: 13618
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.302 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

Tgt Ion: 98 Resp: 253594
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

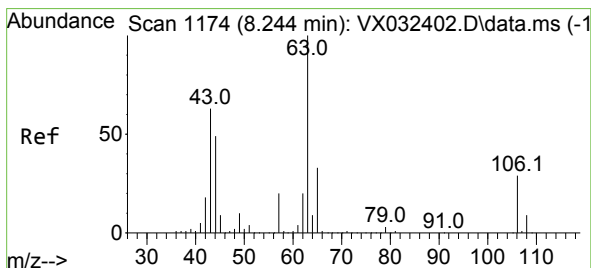
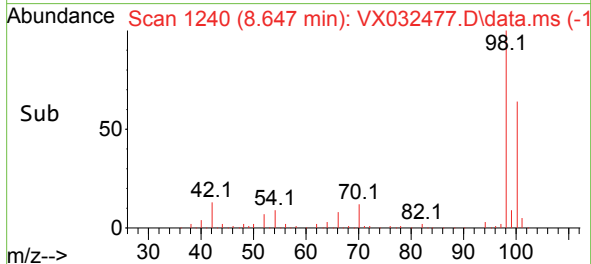
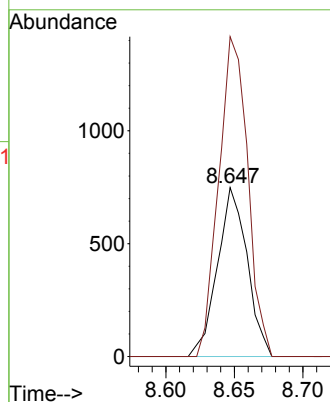
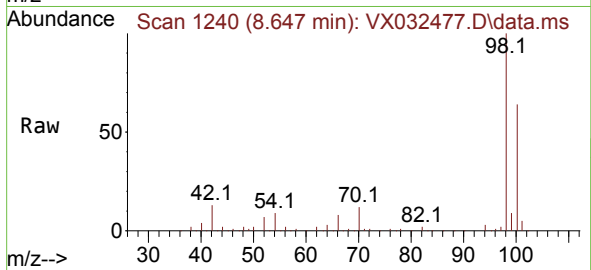




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.647 min Scan# 1129
Delta R.T. 0.073 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

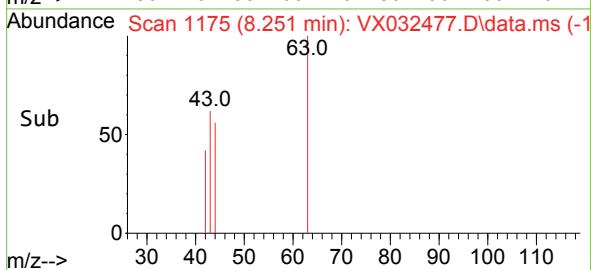
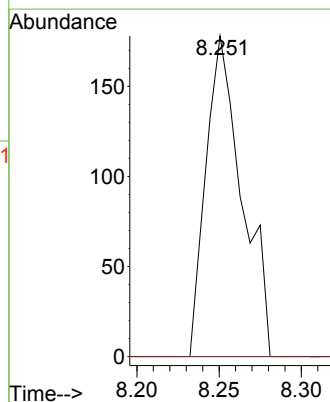
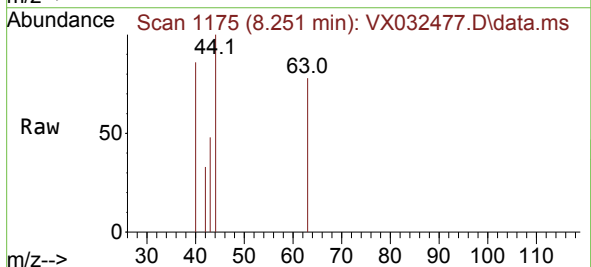
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

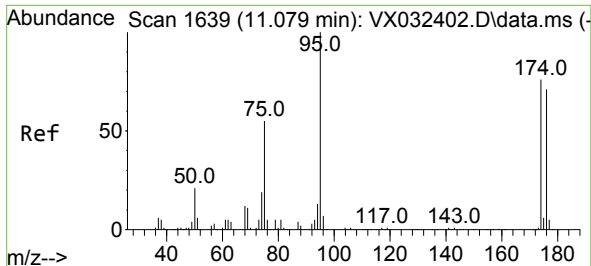
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 184.9 30.9 46.3#



#58
2-Chloroethyl Vinyl ether
Concen: 0.235 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

Tgt Ion: 63 Resp: 272
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

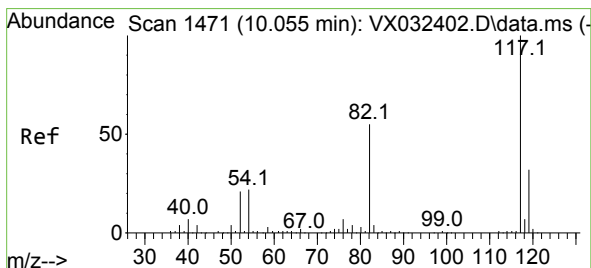
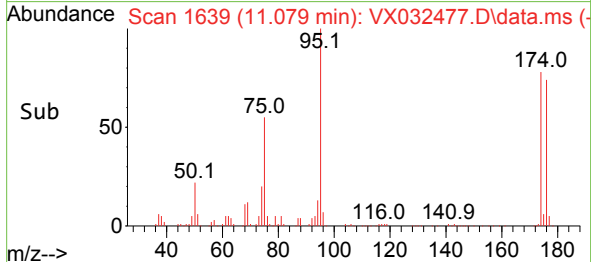
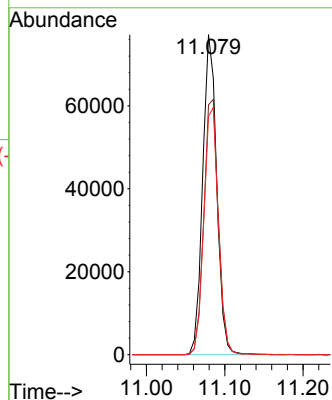
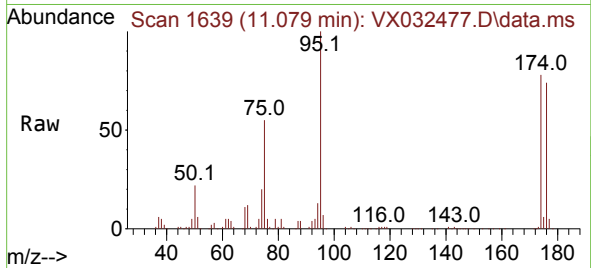




#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

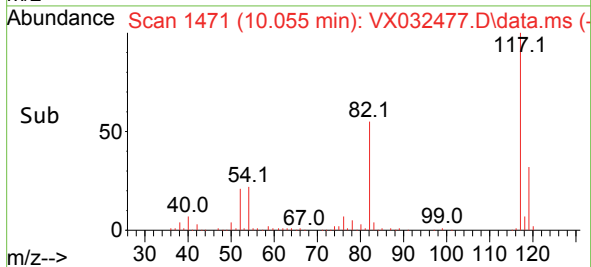
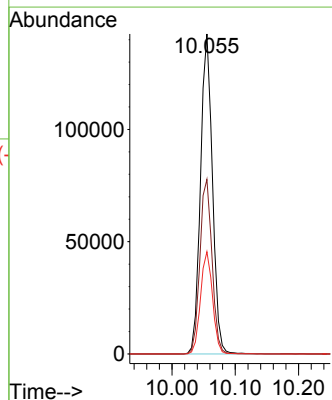
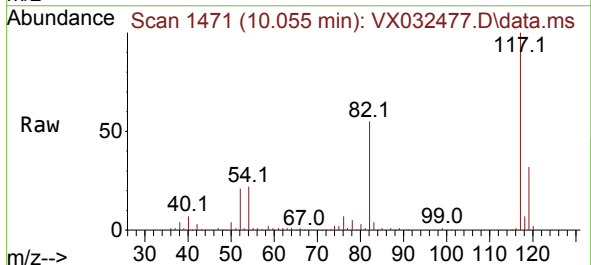
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MSVOA_X
ClientSampleId :
VX1031WBL01

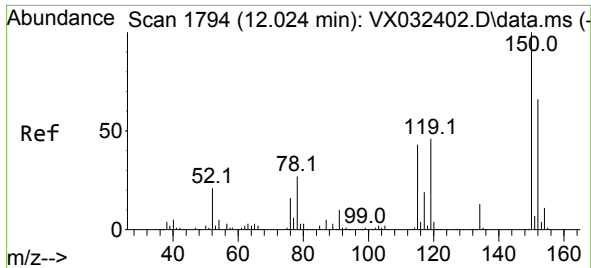
Tgt Ion: 95 Resp: 95833
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 80.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032477.D
Acq: 31 Oct 2022 10:54

Tgt Ion: 117 Resp: 187419
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.9 25.7 38.5

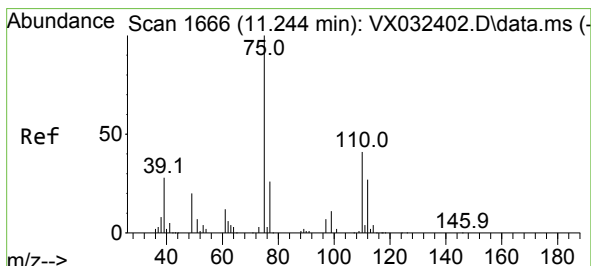
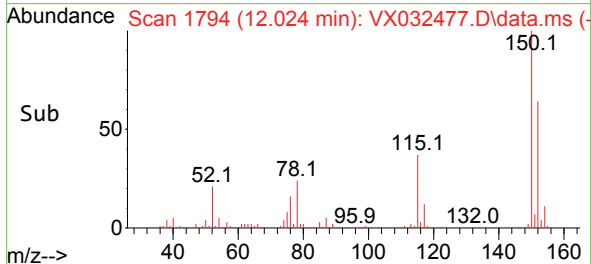
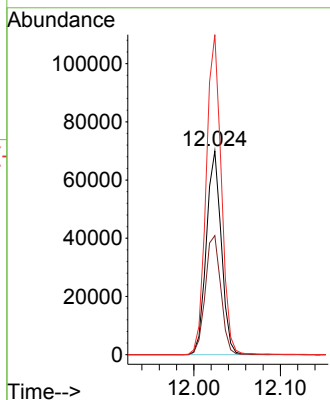
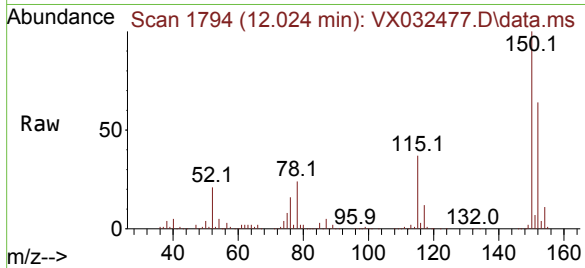




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX032477.D
 Acq: 31 Oct 2022 10:54

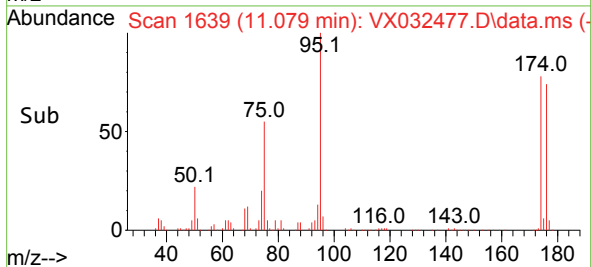
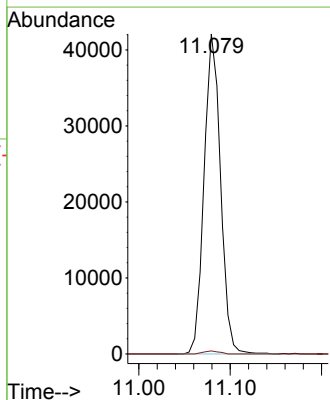
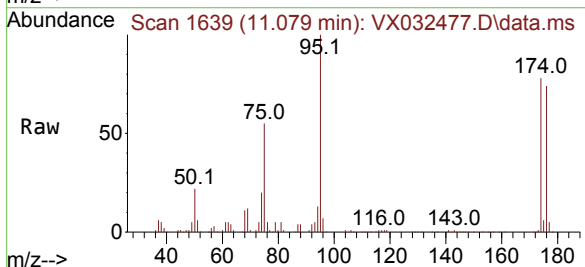
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBL01

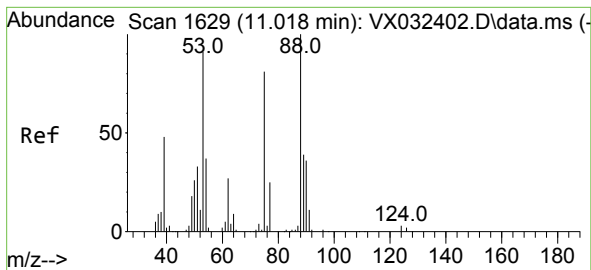
Tgt Ion:152 Resp: 84096
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.0 132.0
 150 158.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.123 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032477.D
 Acq: 31 Oct 2022 10:54

Tgt Ion: 75 Resp: 52617
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.489 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032477.D
 Acq: 31 Oct 2022 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBL01

Tgt Ion: 75 Resp: 52617
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

