

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033177.D
 Acq On : 02 Dec 2022 11:54
 Operator : JC/MD
 Sample : VX1202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL01

Quant Time: Dec 03 04:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

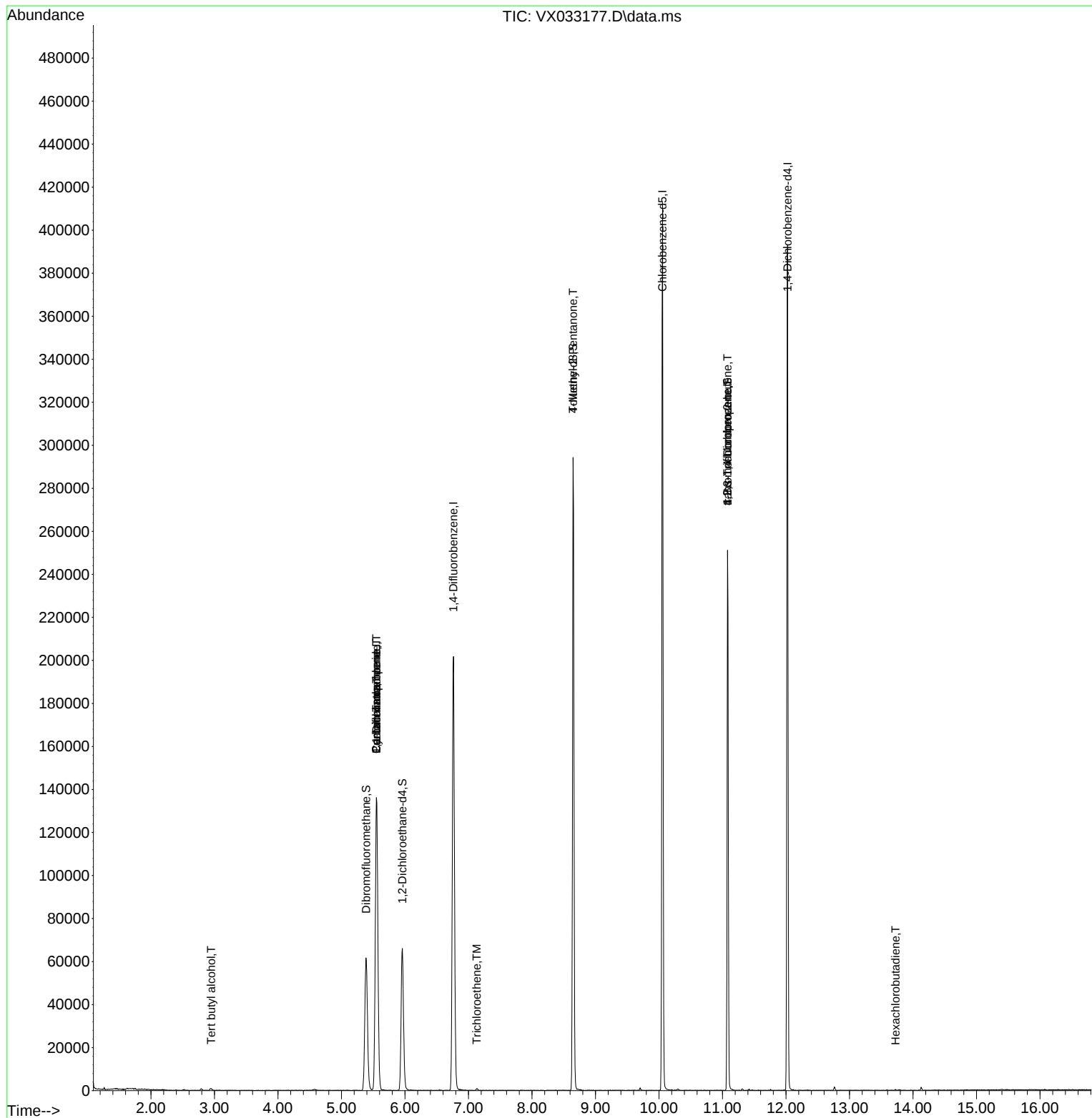
Internal Standards						
1) Pentafluorobenzene	5.550	168	128455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67115	53.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.400%			
35) Dibromofluoromethane	5.385	113	54062	46.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.920%			
50) Toluene-d8	8.647	98	173813	50.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.079	95	65423	43.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.520%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	609	3.071	ug/l #	72
20) Methylene Chloride	2.788	84	400	Below Cal	#	73
31) Cyclohexane	5.550	56	2570	1.268	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10086	5.480	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13528	6.625	ug/l #	15
44) Trichloroethene	7.129	130	424	0.293	ug/l	71
51) 4-Methyl-2-Pentanone	8.647	43	720	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34909	22.155	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34909	72.016	ug/l #	6
94) Hexachlorobutadiene	13.725	225	189	0.261	ug/l #	57

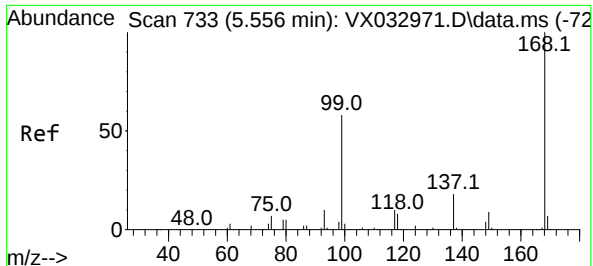
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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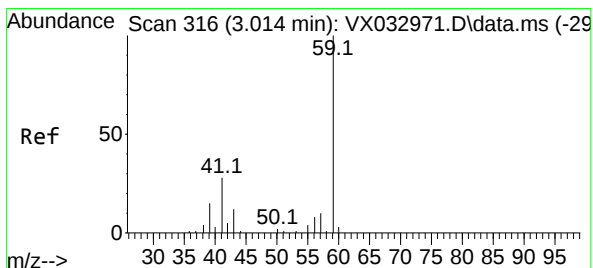
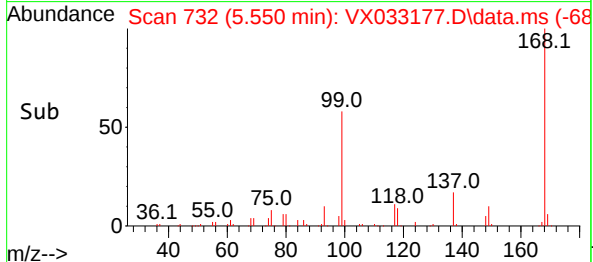
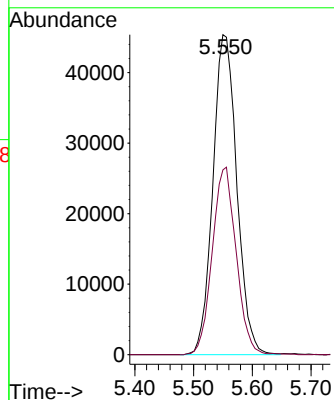
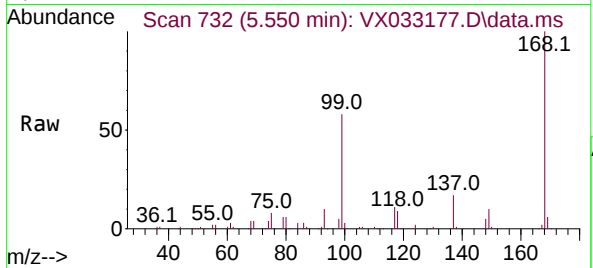




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

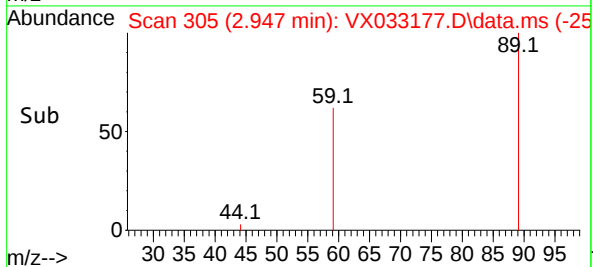
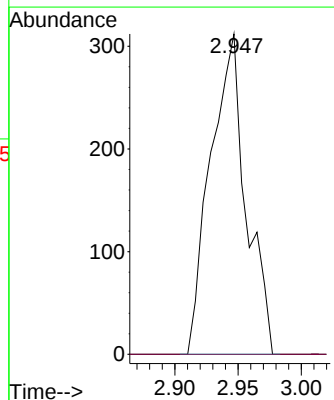
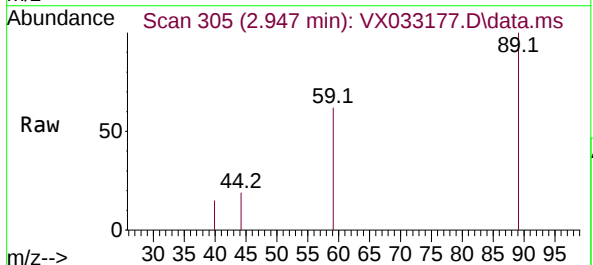
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

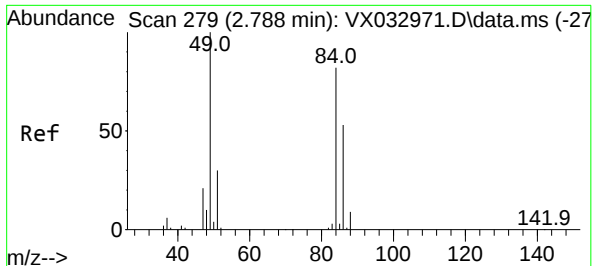
Tgt Ion:168 Resp: 128455
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.071 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

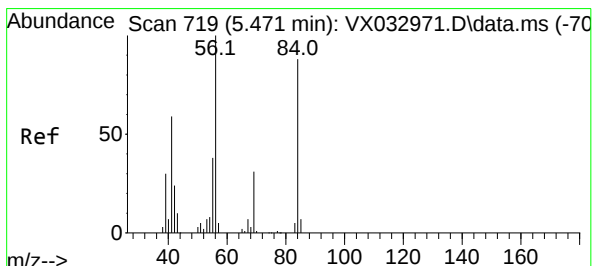
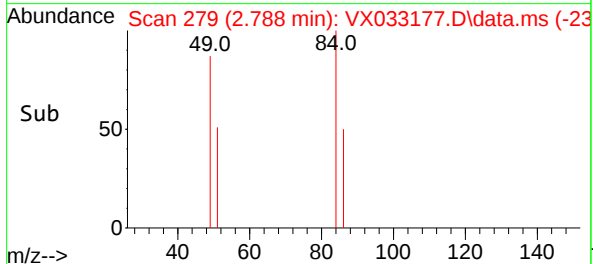
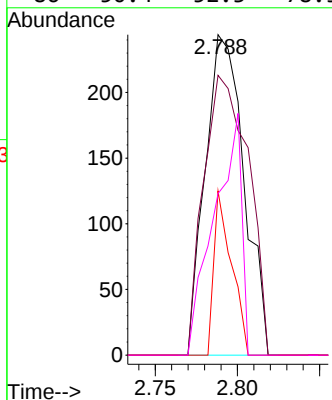
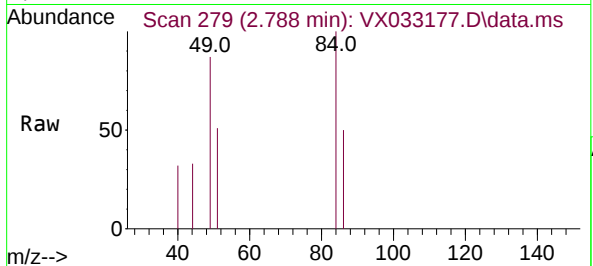




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

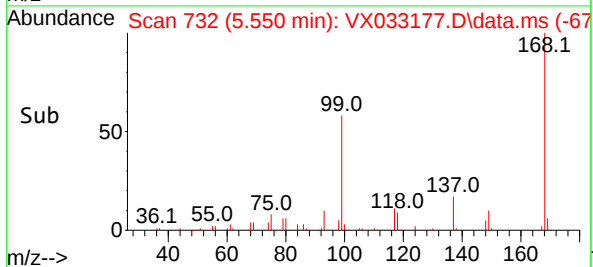
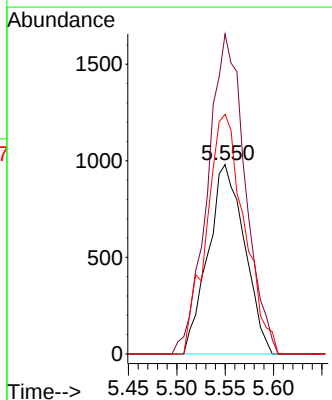
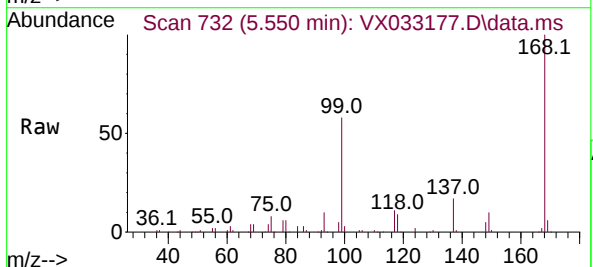
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

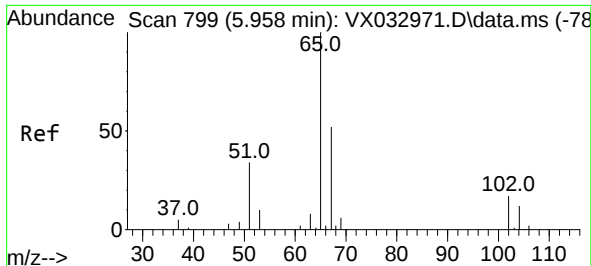
Tgt Ion:	84	Resp:	400
Ion	Ratio	Lower	Upper
84	100		
49	87.3	101.0	151.6#
51	51.2	31.1	46.7#
86	50.4	52.3	78.5#



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion:	56	Resp:	2570
Ion	Ratio	Lower	Upper
56	100		
69	168.9	24.1	36.1#
84	126.5	66.9	100.3#

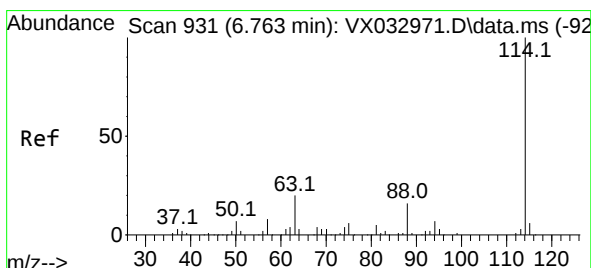
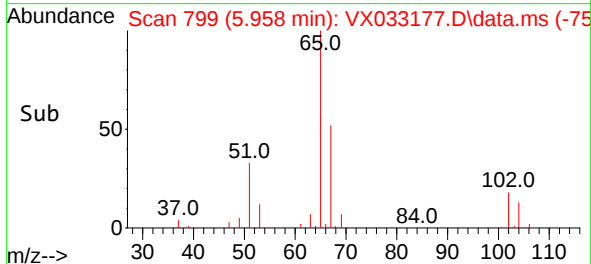
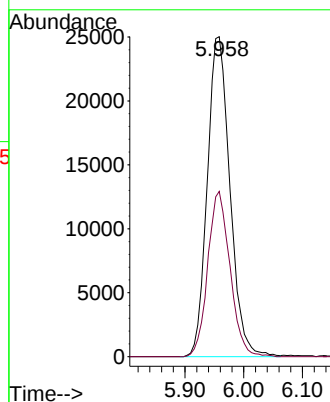
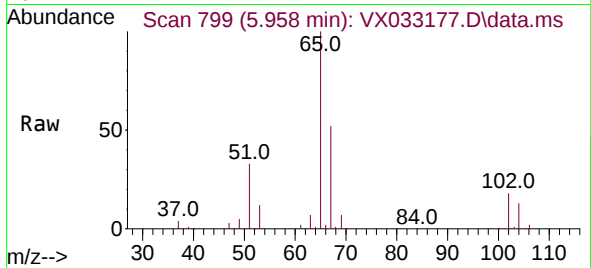




#33
 1,2-Dichloroethane-d4
 Concen: 53.702 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033177.D
 Acq: 02 Dec 2022 11:54

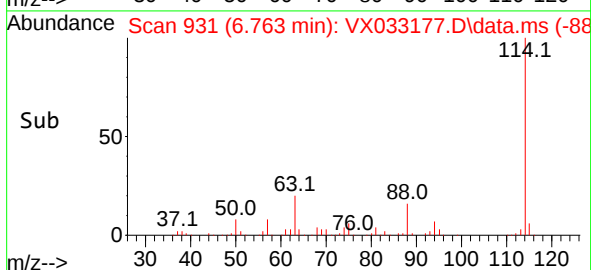
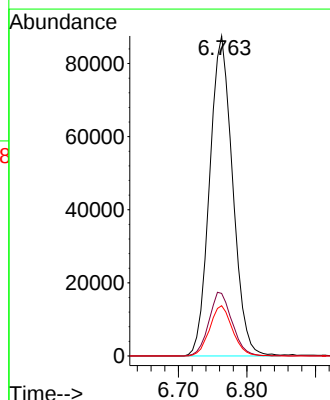
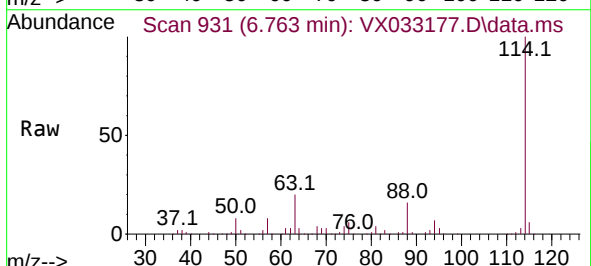
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL01

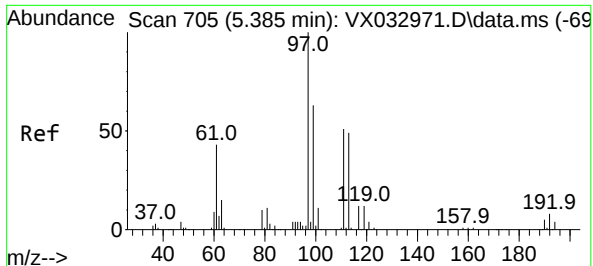
Tgt Ion: 65 Resp: 67115
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033177.D
 Acq: 02 Dec 2022 11:54

Tgt Ion: 114 Resp: 204191
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.963 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033177.D

Acq: 02 Dec 2022 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL01

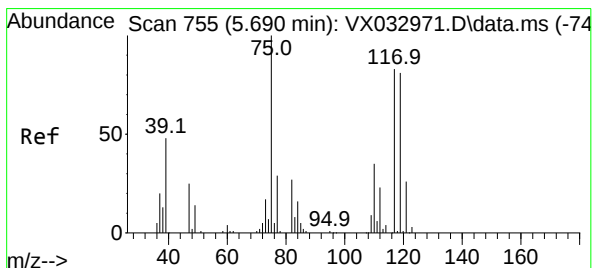
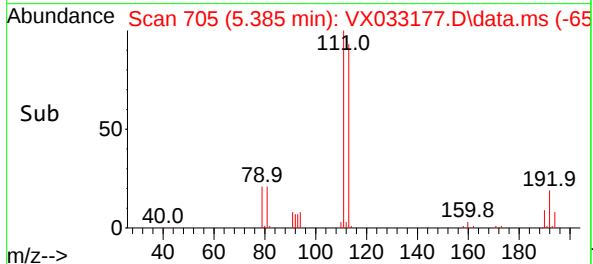
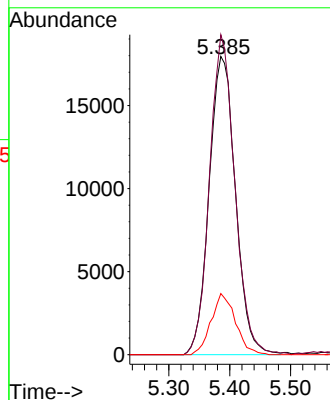
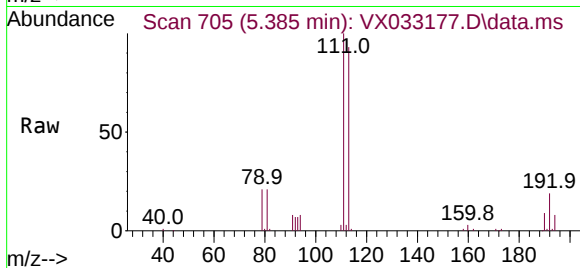
Tgt Ion:113 Resp: 54062

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.480 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033177.D

Acq: 02 Dec 2022 11:54

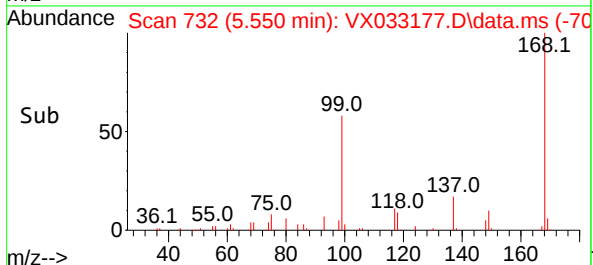
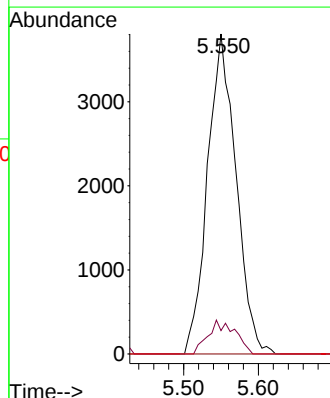
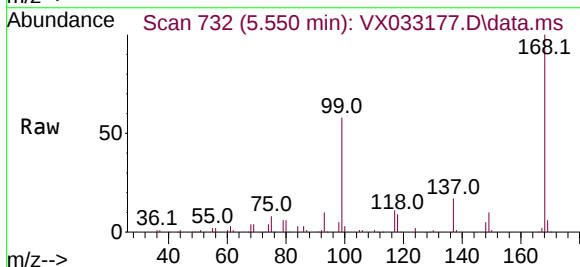
Tgt Ion: 75 Resp: 10086

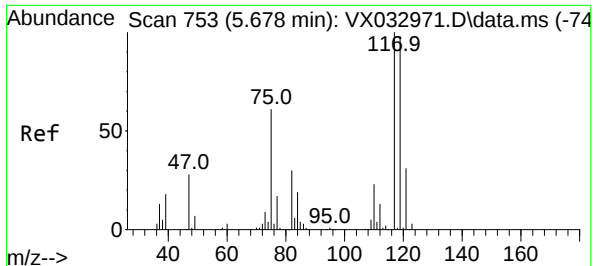
Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

77 0.0 24.5 36.7#

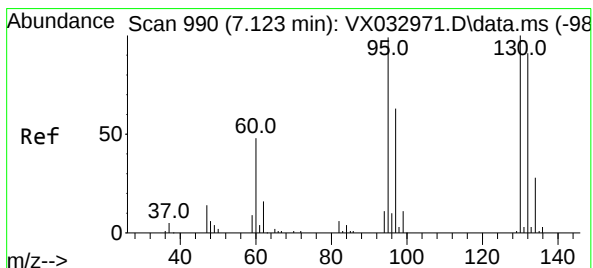
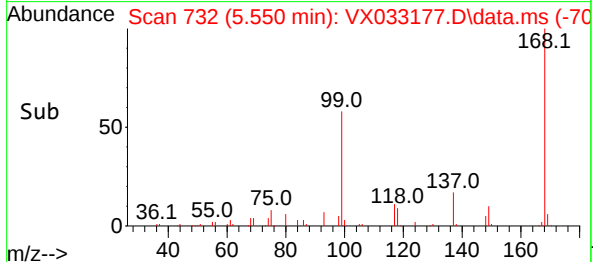
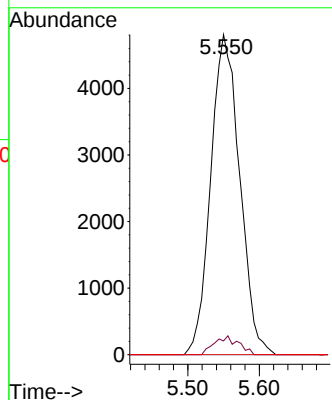
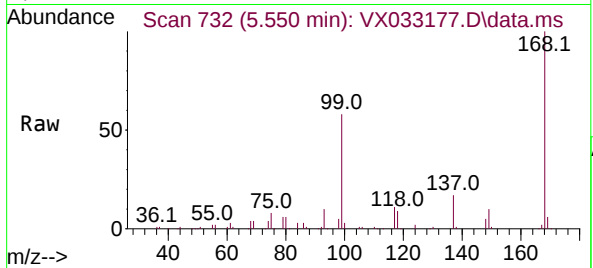




#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

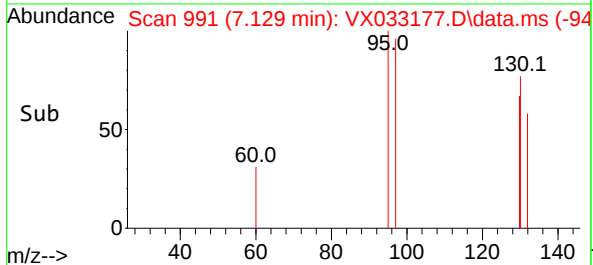
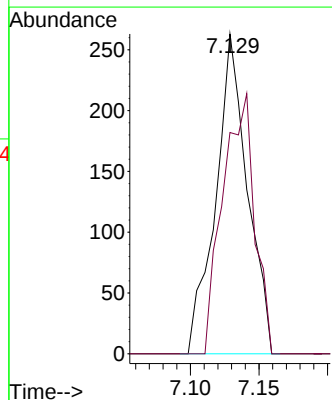
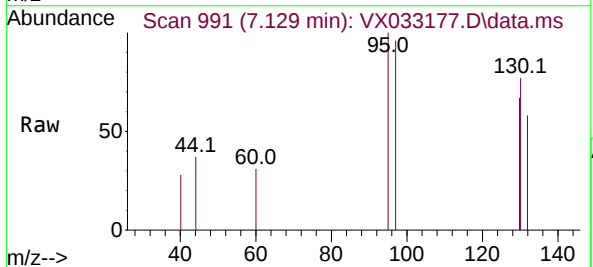
Instrument :
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ClientSampleId :
VX1202WBL01

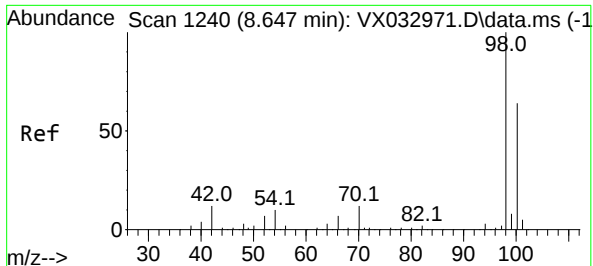
Tgt Ion:117 Resp: 13528
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 0.293 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion:130 Resp: 424
Ion Ratio Lower Upper
130 100
95 69.2 0.0 195.2

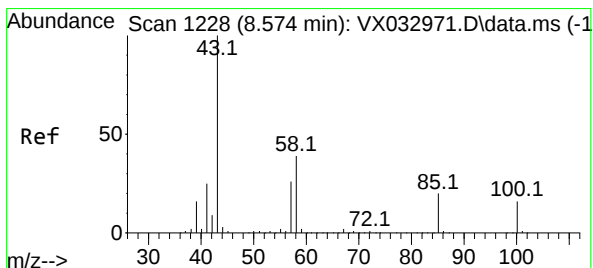
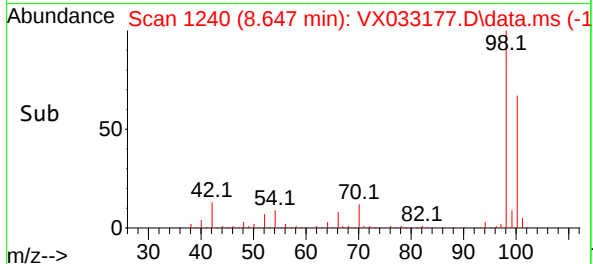
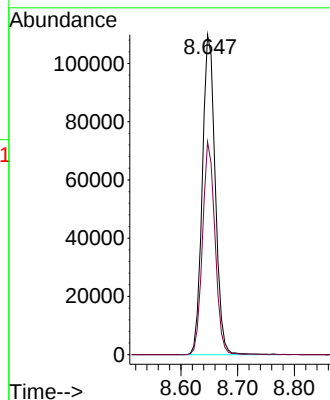
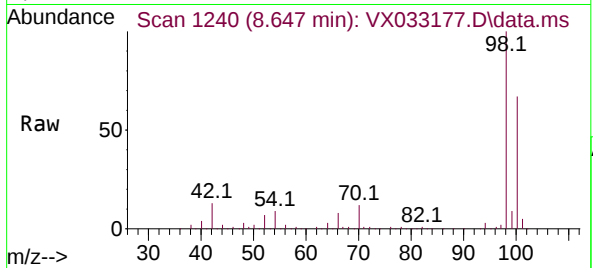




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

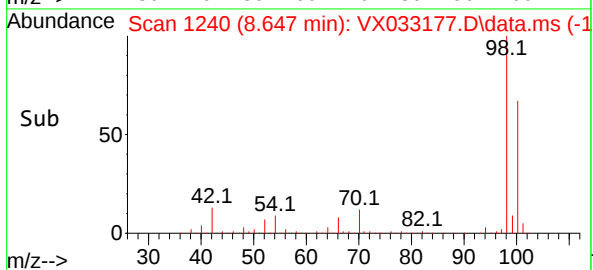
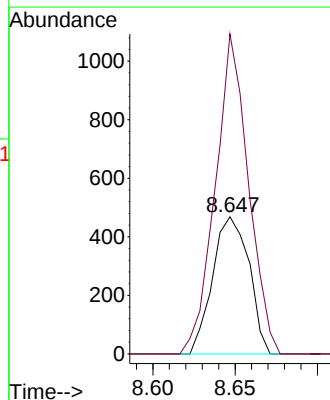
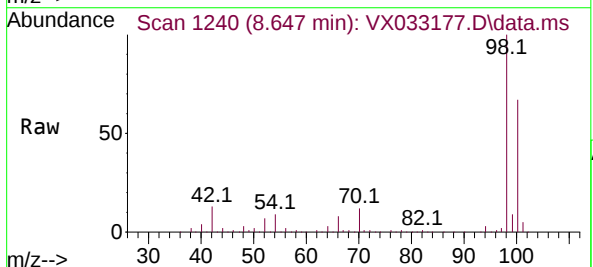
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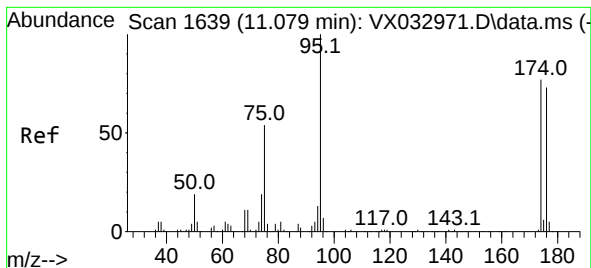
Tgt Ion: 98 Resp: 173813
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 212.5 30.9 46.3#

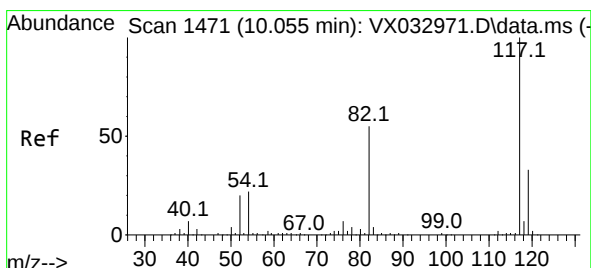
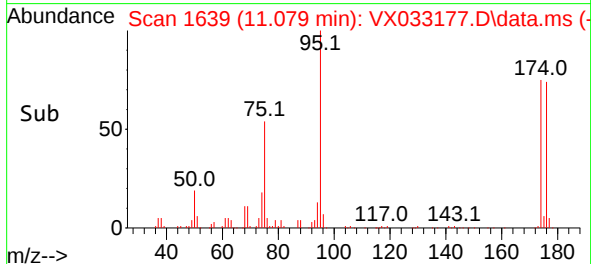
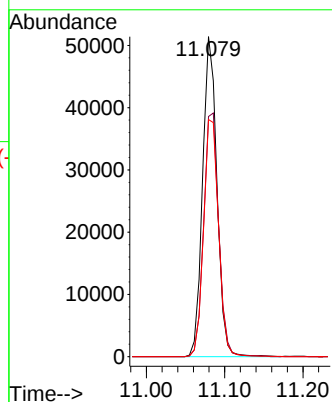
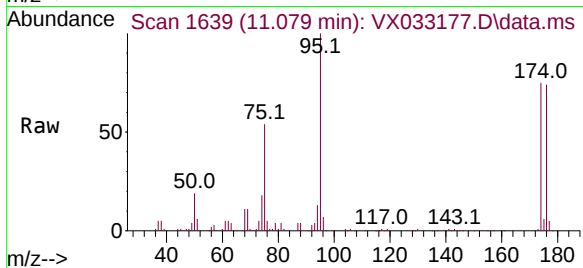




#62
4-Bromofluorobenzene
Concen: 43.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

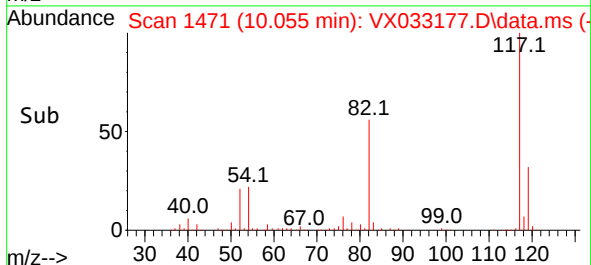
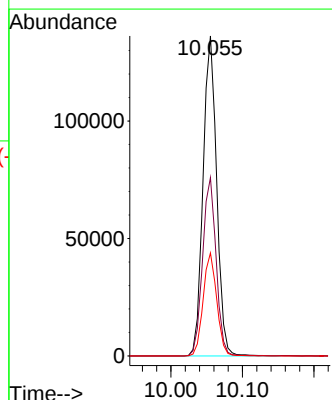
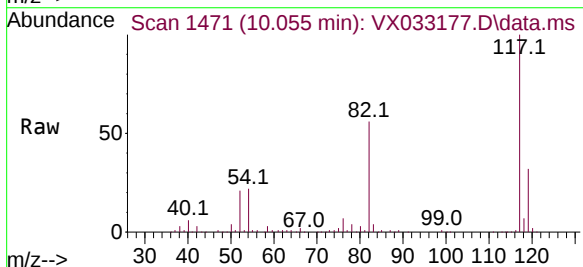
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

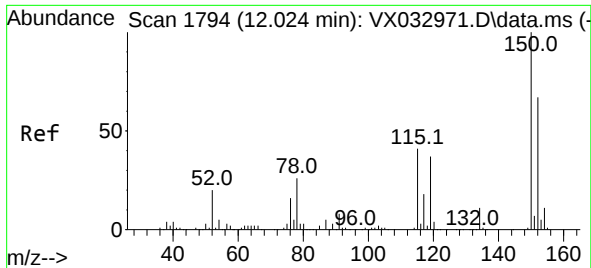
Tgt Ion: 95 Resp: 65423
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.0
176 77.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion: 117 Resp: 179940
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.2 25.7 38.5

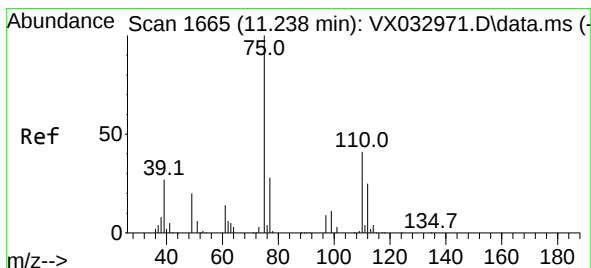
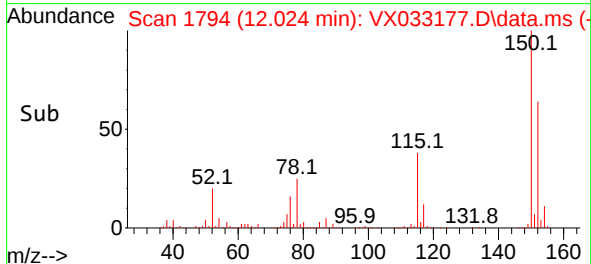
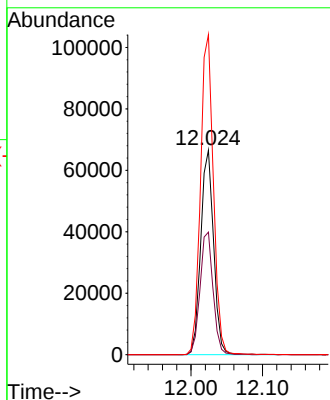
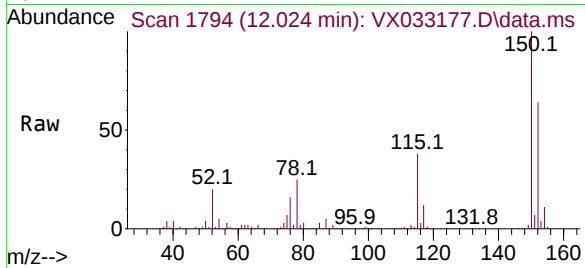




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033177.D
 Acq: 02 Dec 2022 11:54

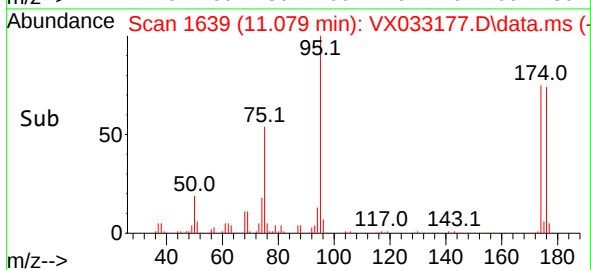
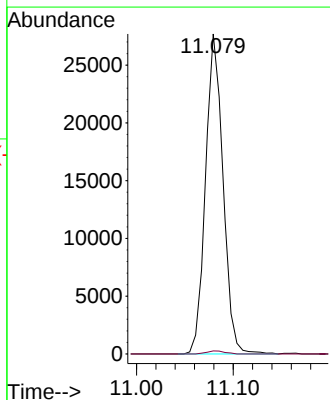
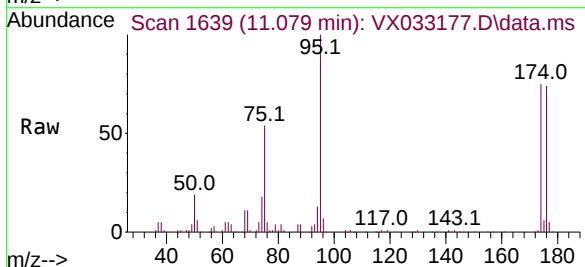
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL01

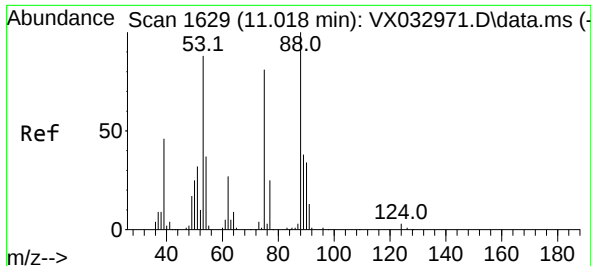
Tgt Ion:152 Resp: 83198
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.0 132.0
 150 157.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.155 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033177.D
 Acq: 02 Dec 2022 11:54

Tgt Ion: 75 Resp: 34909
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

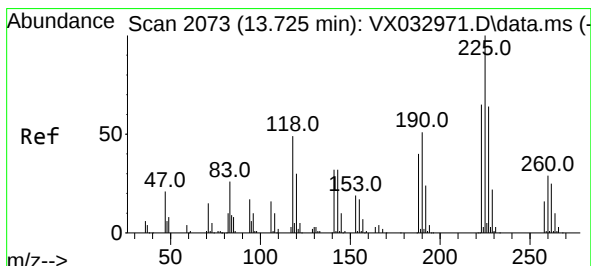
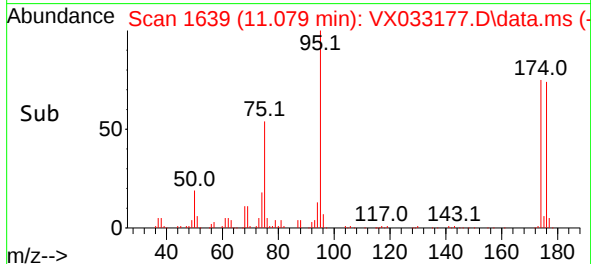
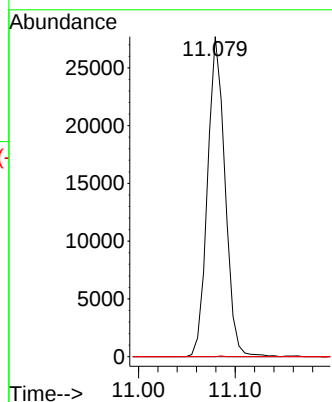
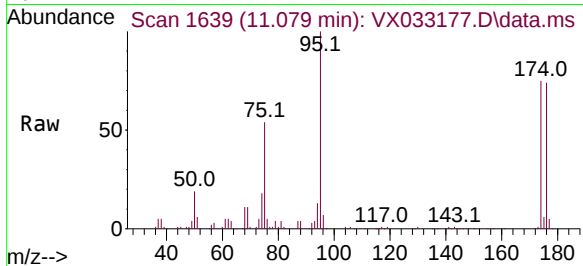




#81
trans-1,4-Dichloro-2-butene
Concen: 72.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Tgt Ion: 75 Resp: 34909
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.261 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033177.D
Acq: 02 Dec 2022 11:54

Tgt Ion: 225 Resp: 189
Ion Ratio Lower Upper
225 100
223 59.8 31.9 95.9
227 0.0 31.9 95.5#

