

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031977.D
 Acq On : 07 Oct 2022 22:50
 Operator : JC/MD
 Sample : VX1007WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBL02

Quant Time: Oct 08 05:18:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

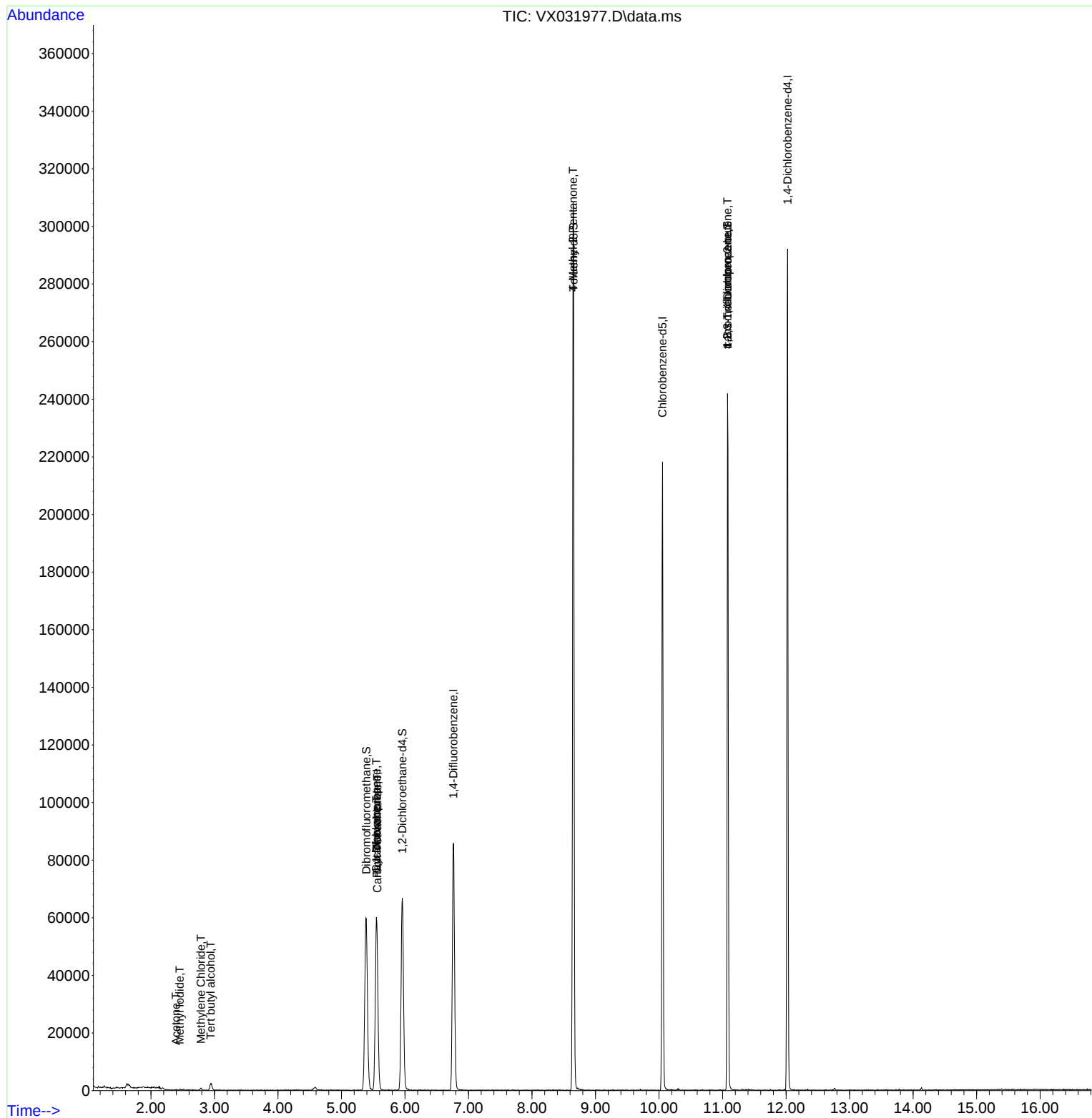
Internal Standards						
1) Pentafluorobenzene	5.556	168	57339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62448	52.736	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.480%			
35) Dibromofluoromethane	5.391	113	52442	50.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.560%			
50) Toluene-d8	8.653	98	182840	49.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.079	95	62284	47.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.820%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	319	Below Cal	#	63
10) Methyl Iodide	2.453	142	339	3.087	ug/l #	78
11) Tert butyl alcohol	2.941	59	1603	10.880	ug/l #	73
13) Acrolein	2.008	56	20	Below Cal	#	15
16) Acetone	2.392	43	255	0.634	ug/l #	45
20) Methylene Chloride	2.788	84	391	0.370	ug/l #	63
31) Cyclohexane	5.550	56	1229	0.869	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	4505	3.290	ug/l #	51
38) Carbon Tetrachloride	5.562	117	5723	4.087	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	829	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32706	27.120	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32706	92.911	ug/l #	11

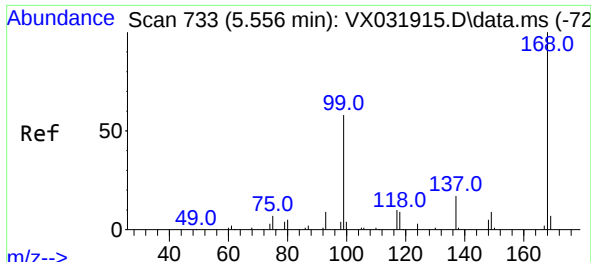
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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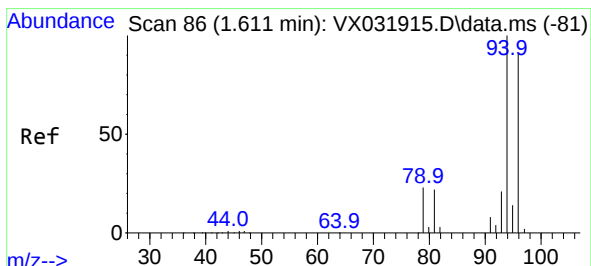
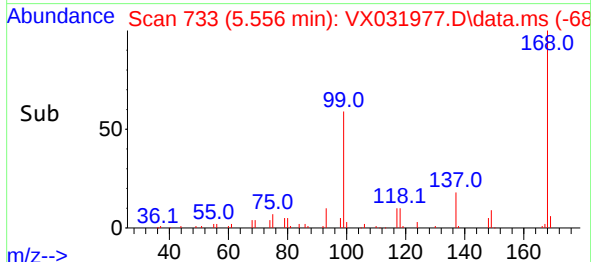
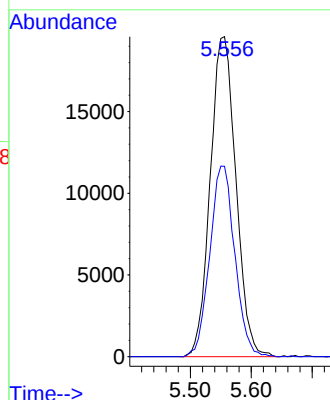
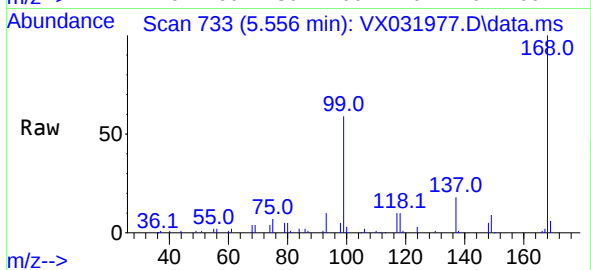




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

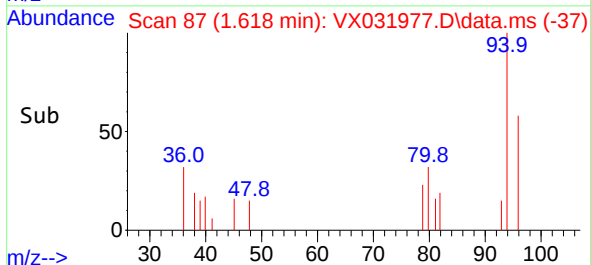
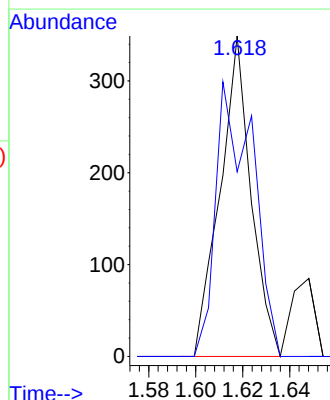
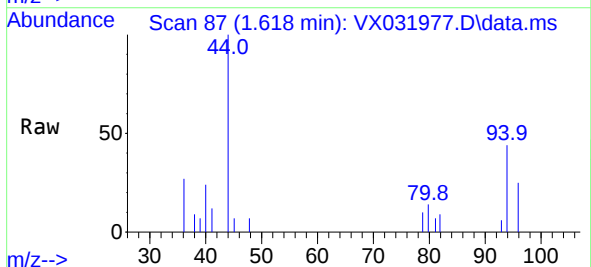
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

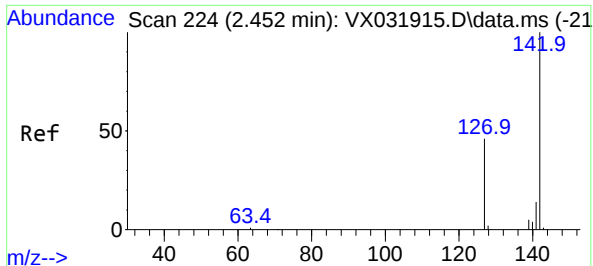
Tgt Ion:168 Resp: 57339
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 57.6 74.4 111.6#

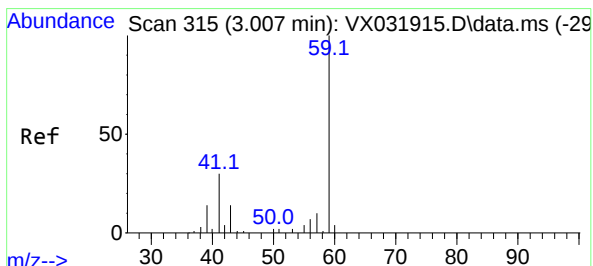
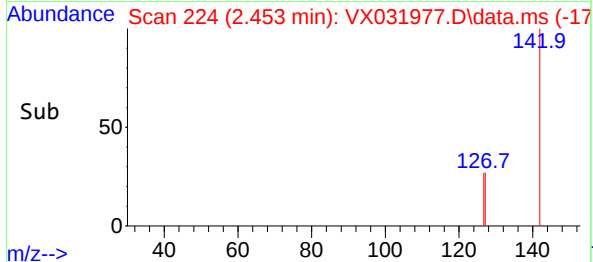
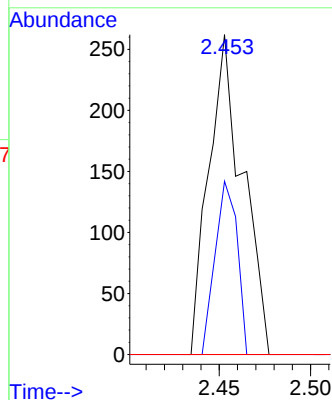
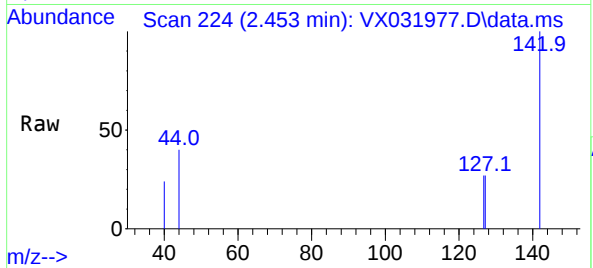




#10
Methyl Iodide
Concen: 3.087 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

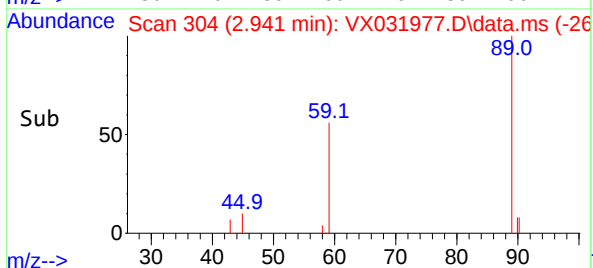
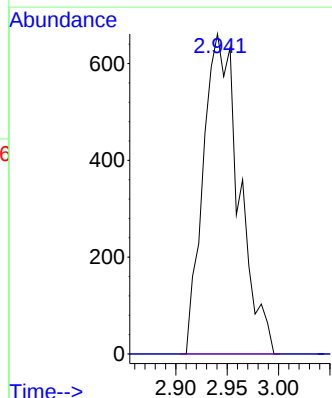
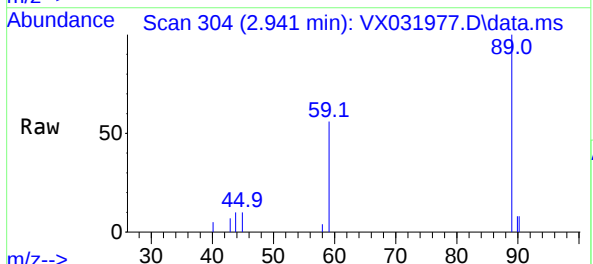
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

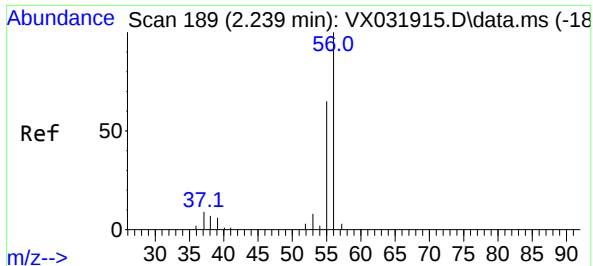
Tgt Ion:142 Resp: 339
Ion Ratio Lower Upper
142 100
127 35.1 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 10.880 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 59 Resp: 1603
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

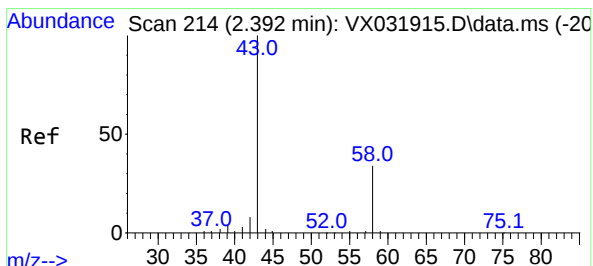
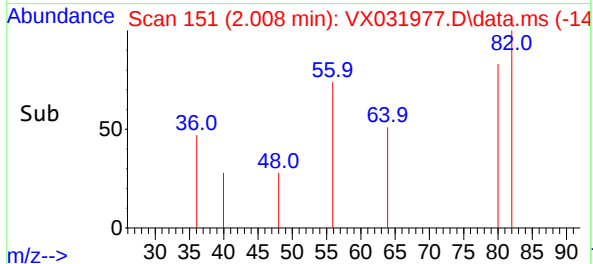
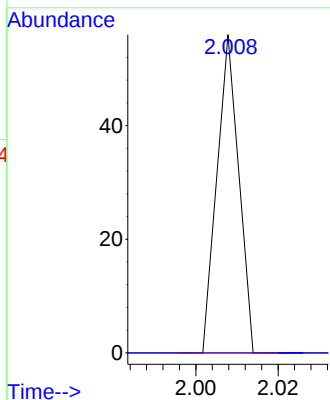
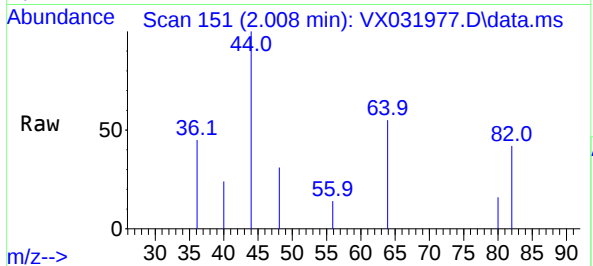




#13
Acrolein
Concen: Below Cal
RT: 2.008 min Scan# 11
Delta R.T. -0.231 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

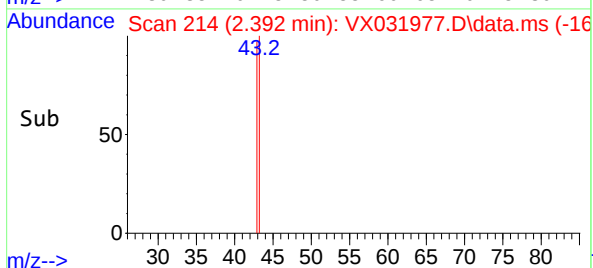
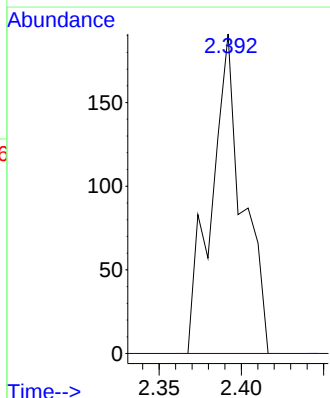
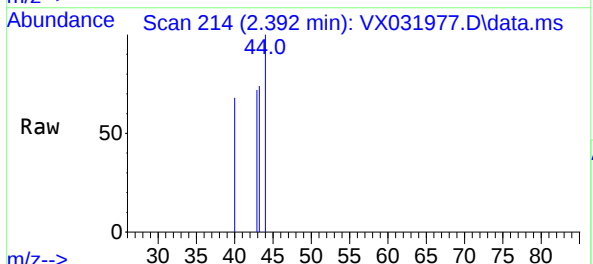
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

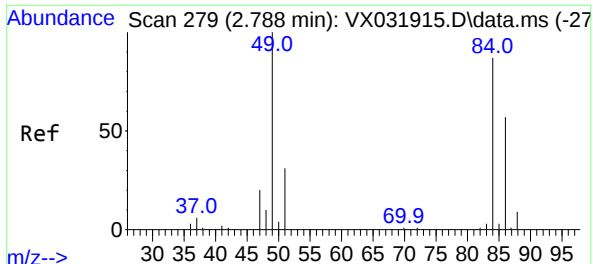
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 0.634 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



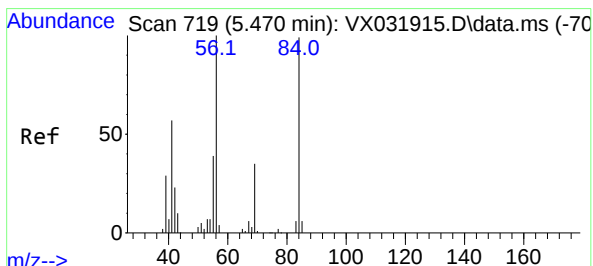
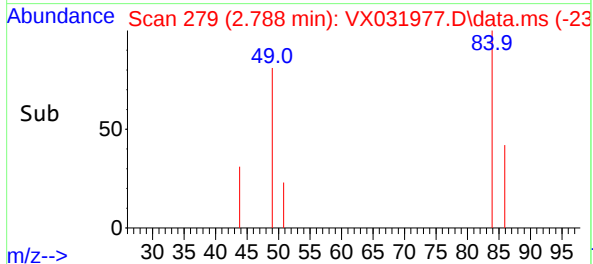
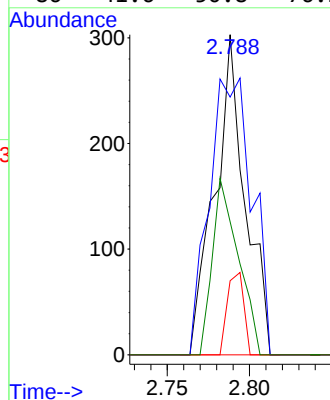
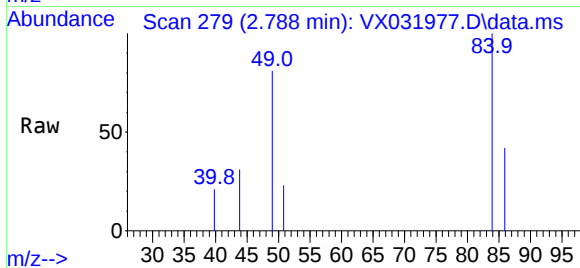


#20
Methylene Chloride
Concen: 0.370 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

Tgt Ion: 84 Resp: 391

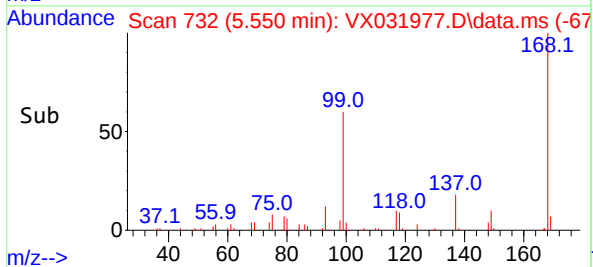
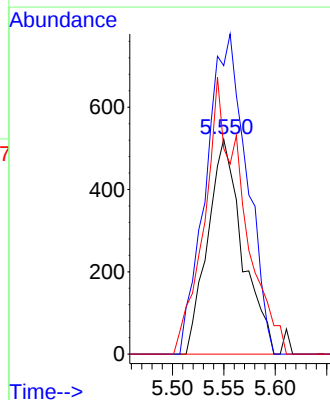
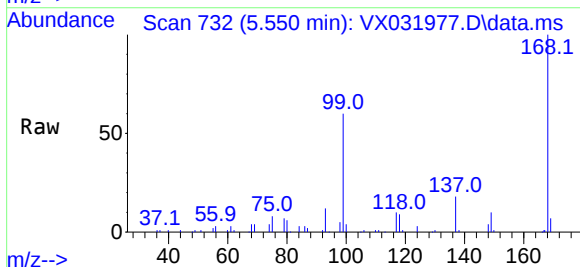
Ion	Ratio	Lower	Upper
84	100		
49	80.5	105.9	158.9#
51	23.1	32.2	48.2#
86	41.6	50.8	76.2#

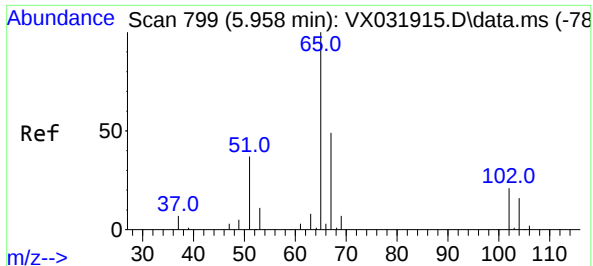


#31
Cyclohexane
Concen: 0.869 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 56 Resp: 1229

Ion	Ratio	Lower	Upper
56	100		
69	134.3	25.1	37.7#
84	85.2	70.2	105.4

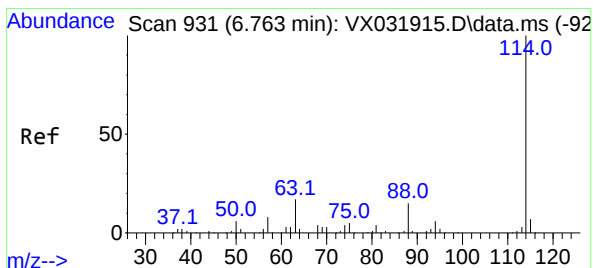
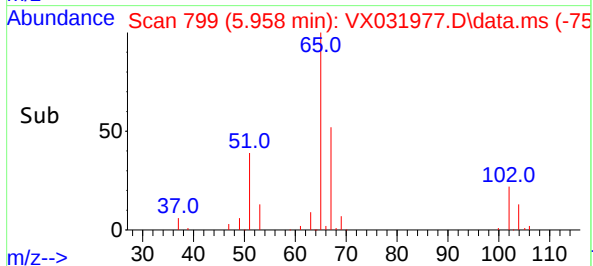
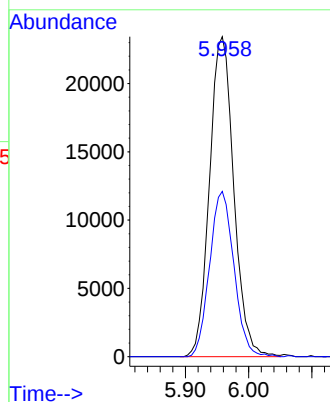
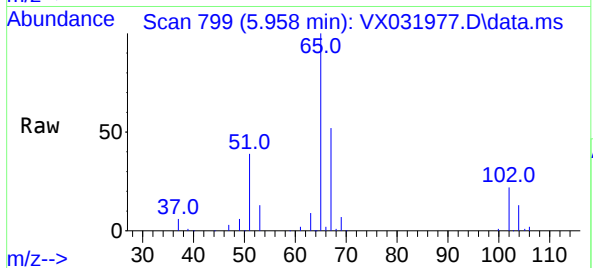




#33
 1,2-Dichloroethane-d4
 Concen: 52.736 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031977.D
 Acq: 07 Oct 2022 22:50

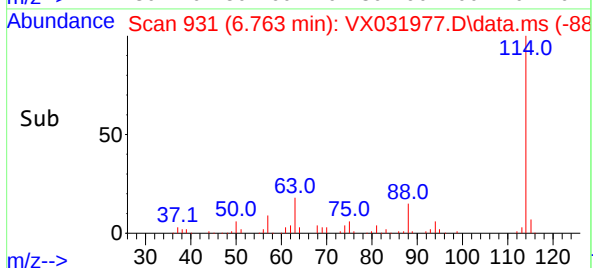
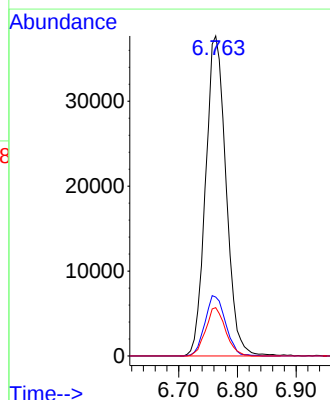
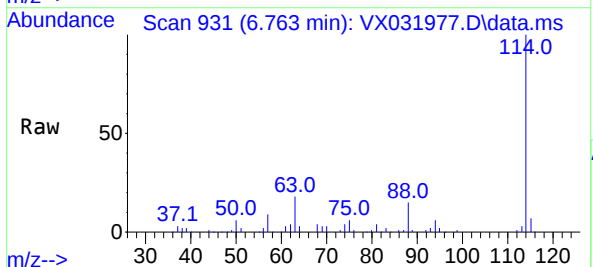
Instrument :
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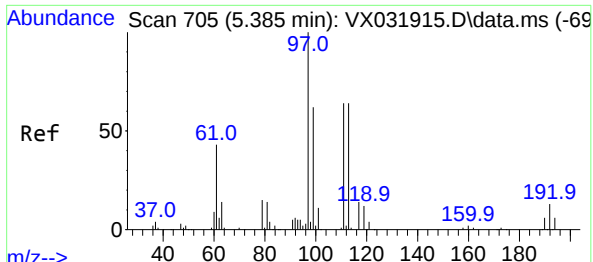
Tgt Ion: 65 Resp: 62448
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031977.D
 Acq: 07 Oct 2022 22:50

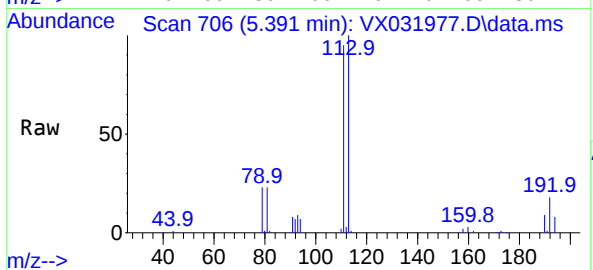
Tgt Ion: 114 Resp: 91232
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.6
 88 15.1 0.0 33.0



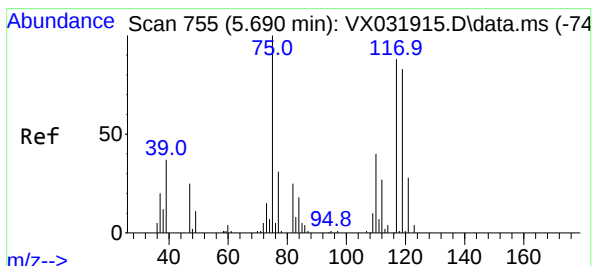
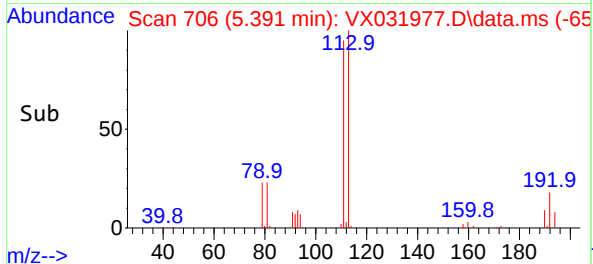
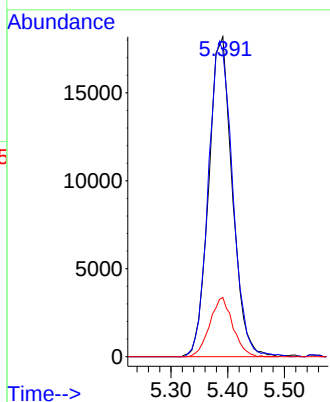


#35
Dibromofluoromethane
Concen: 50.782 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

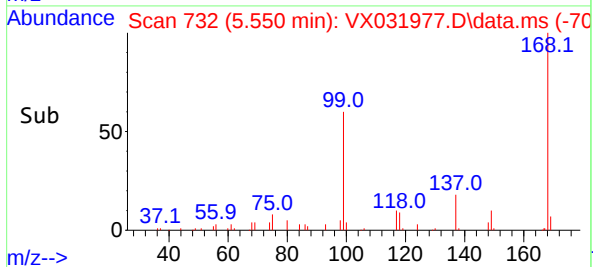
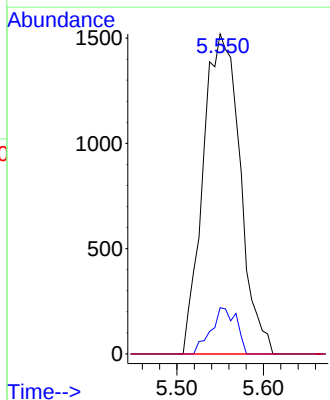
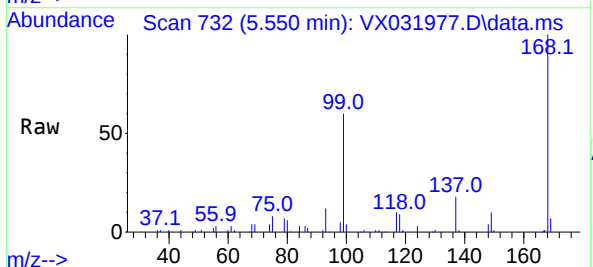


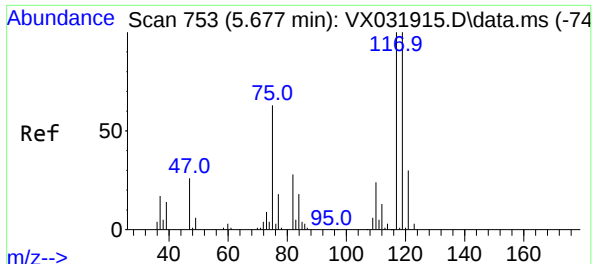
Tgt Ion:113 Resp: 52442
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.290 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

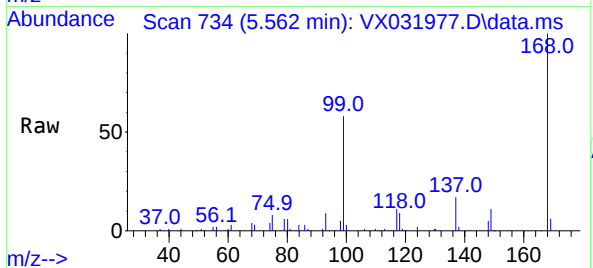
Tgt Ion: 75 Resp: 4505
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.9 37.3#



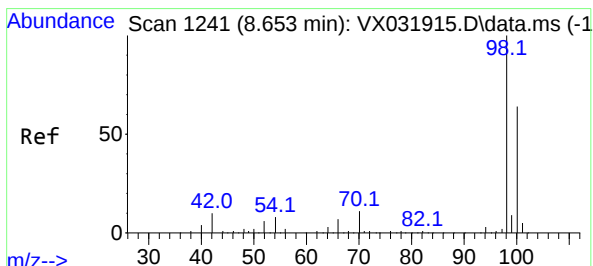
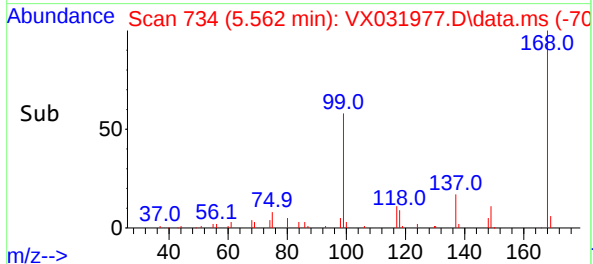
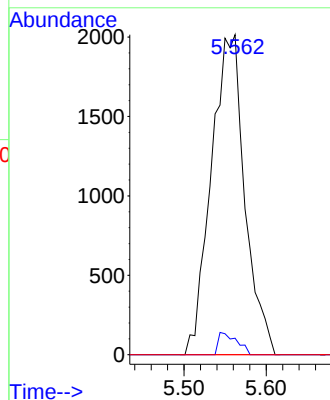


#38
Carbon Tetrachloride
Concen: 4.087 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

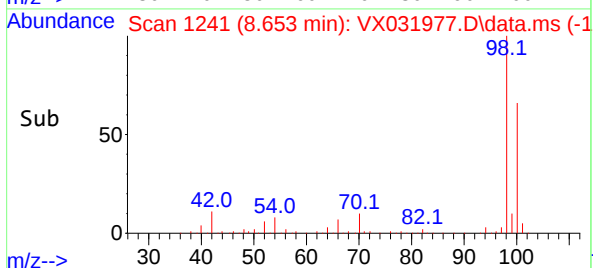
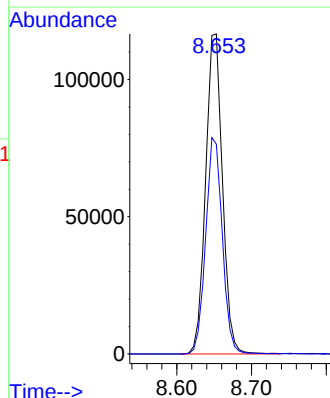
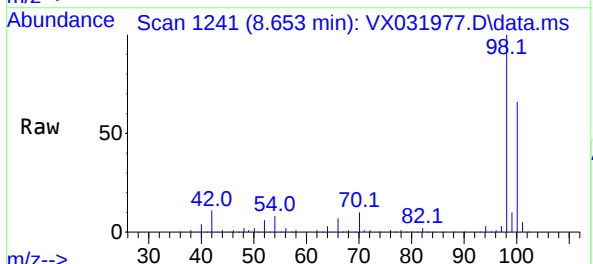


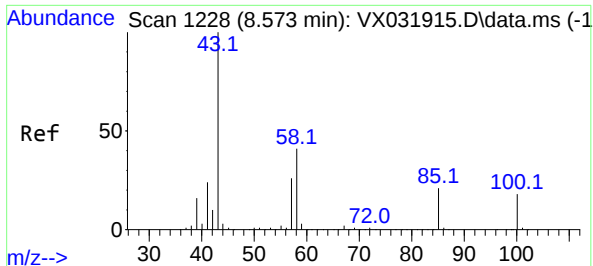
Tgt Ion:117 Resp: 5723
Ion Ratio Lower Upper
117 100
119 5.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 98 Resp: 182840
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.640 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031977.D

Acq: 07 Oct 2022 22:50

Instrument :

MSVOA_X

ClientSampleId :

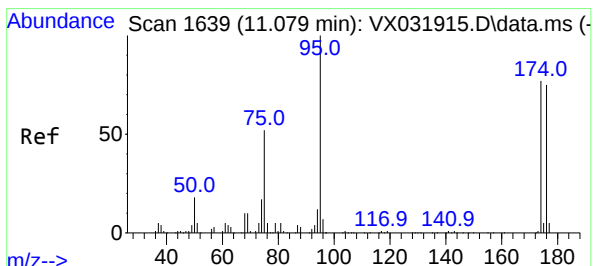
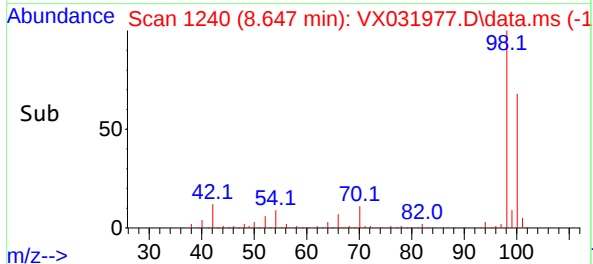
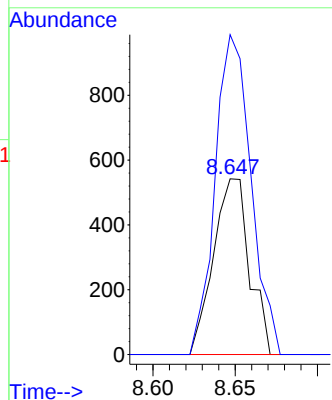
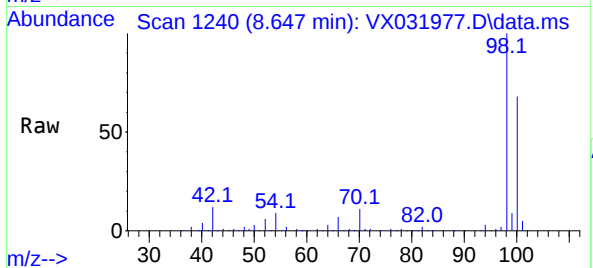
VX1007WBL02

Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 180.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.411 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031977.D

Acq: 07 Oct 2022 22:50

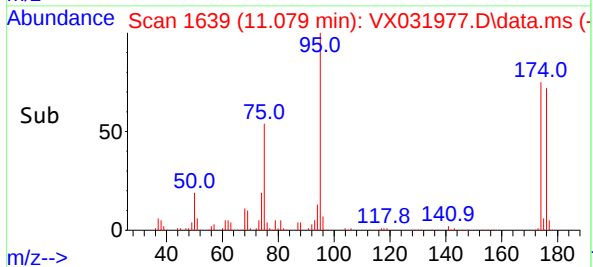
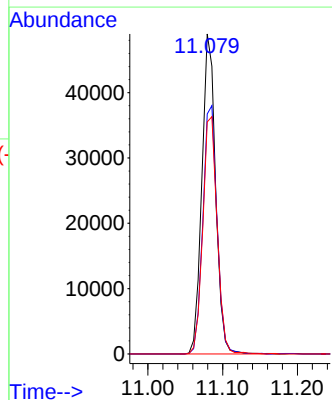
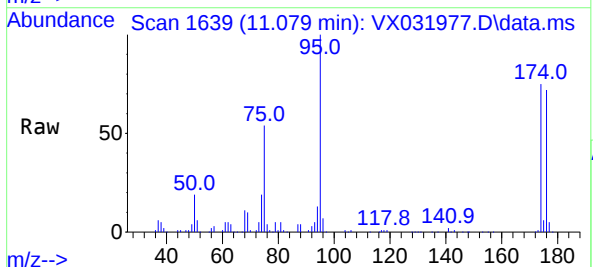
Tgt Ion: 95 Resp: 62284

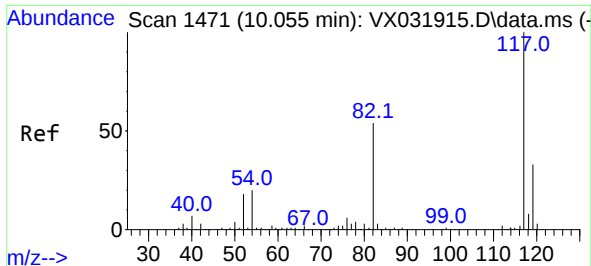
Ion Ratio Lower Upper

95 100

174 80.3 0.0 153.2

176 77.9 0.0 144.0

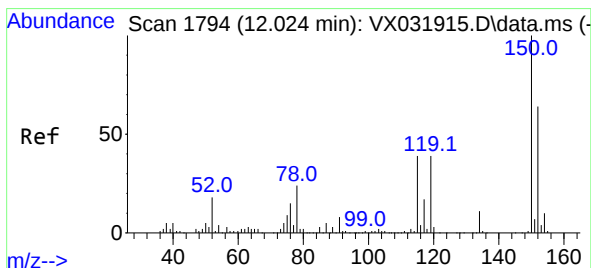
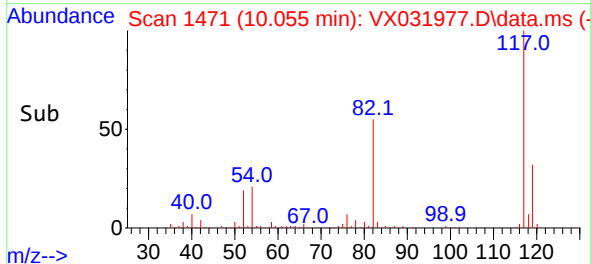
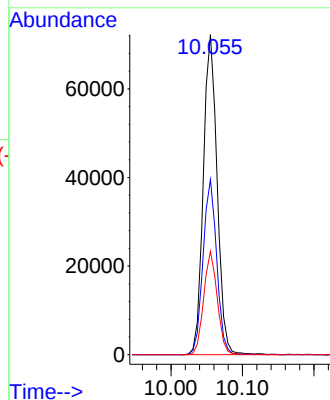
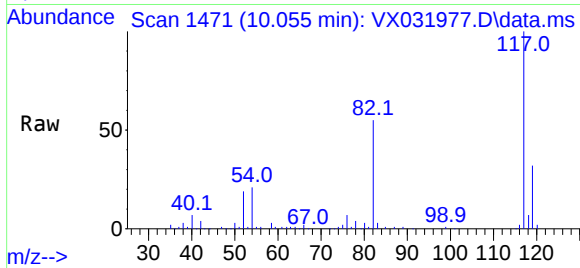




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

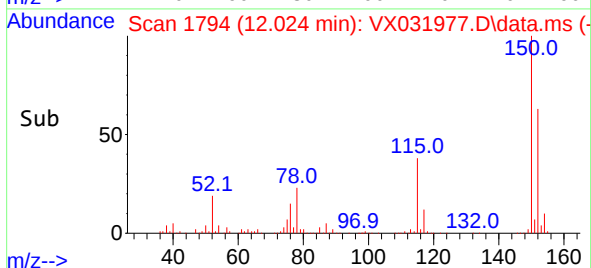
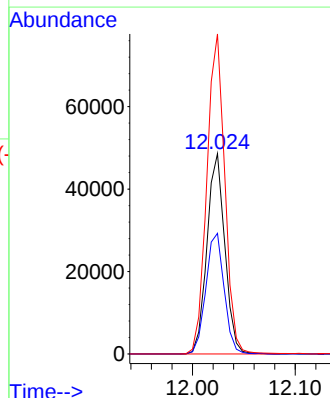
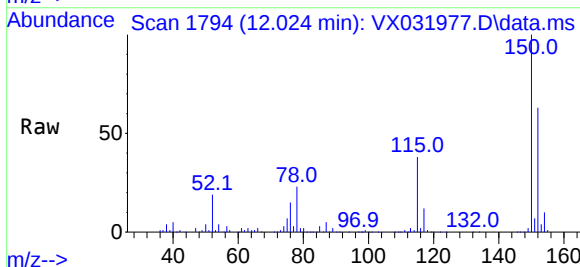
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

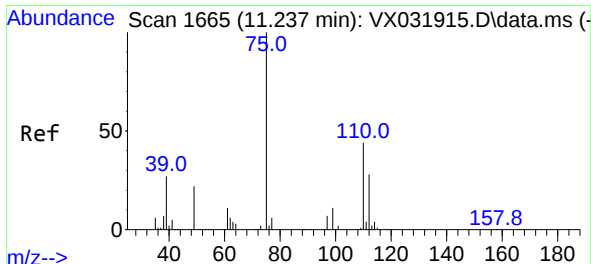
Tgt Ion:	117	Resp:	97066
Ion	Ratio	Lower	Upper
117	100		
82	54.7	46.8	70.2
119	32.3	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion:	152	Resp:	58843
Ion	Ratio	Lower	Upper
152	100		
115	61.8	43.4	130.1
150	161.0	0.0	346.8

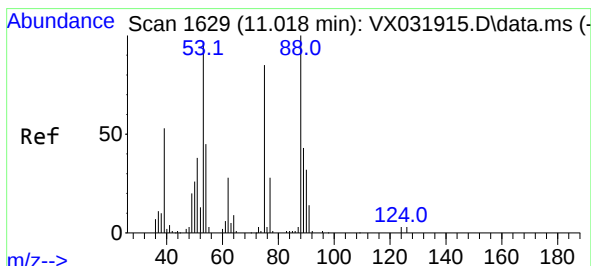
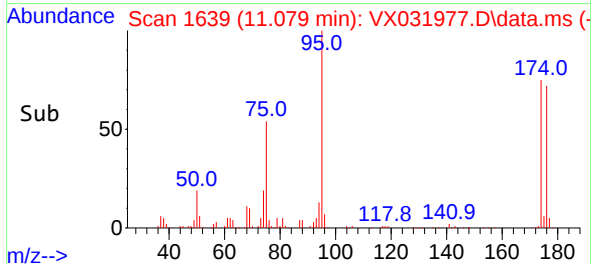
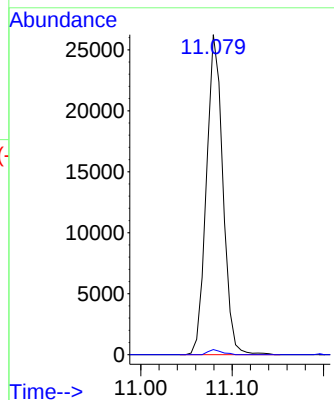
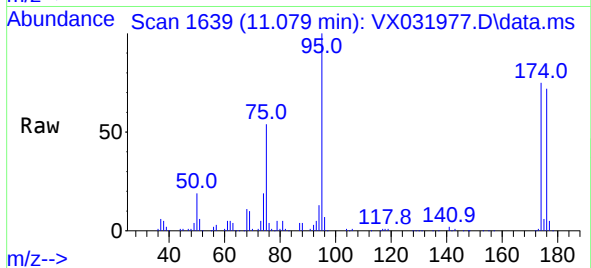




#76
1,2,3-Trichloropropane
Concen: 27.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL02

Tgt Ion: 75 Resp: 32706
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031977.D
Acq: 07 Oct 2022 22:50

Tgt Ion: 75 Resp: 32706
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

