

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032235.D
 Acq On : 20 Oct 2022 02:37
 Operator : JC/MD
 Sample : N5176-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5236-2

Quant Time: Oct 20 05:25:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

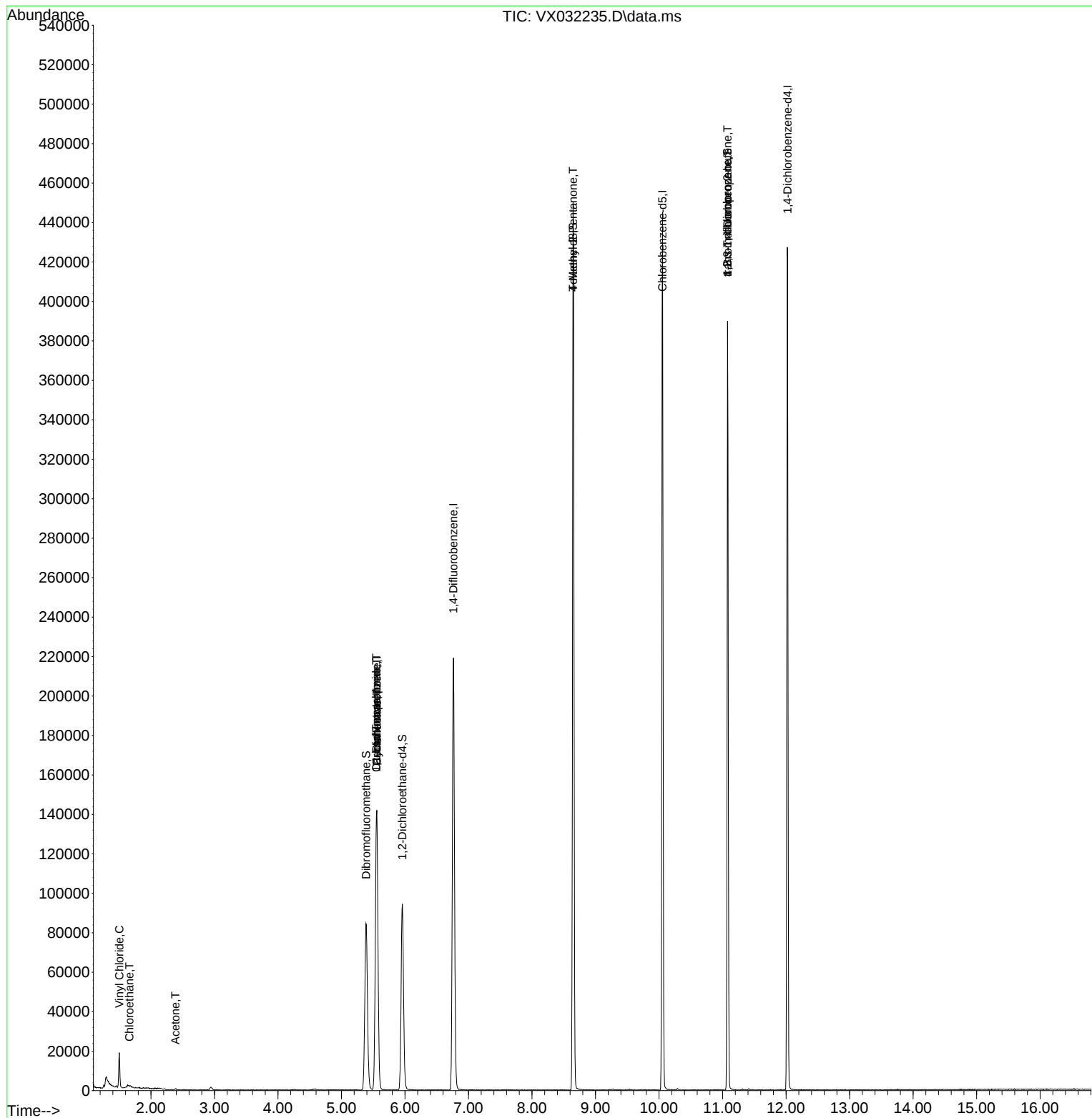
Internal Standards						
1) Pentafluorobenzene	5.556	168	134416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94581	54.089	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 108.180%		
35) Dibromofluoromethane	5.385	113	73096	47.078	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 94.160%		
50) Toluene-d8	8.647	98	263044	47.064	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 94.120%		
62) 4-Bromofluorobenzene	11.079	95	94520	46.183	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 92.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	277	Below Cal	#	44
4) Vinyl Chloride	1.502	62	330	0.249	ug/l	91
6) Chloroethane	1.660	64	187	2.088	ug/l #	41
11) Tert butyl alcohol	3.001	59	74	Below Cal	#	74
16) Acetone	2.386	43	725	1.278	ug/l	93
31) Cyclohexane	5.556	56	3207	1.604	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	10280	5.147	ug/l #	44
38) Carbon Tetrachloride	5.550	117	13915	6.600	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1232	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52237	29.487	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	52237	90.282	ug/l #	6

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

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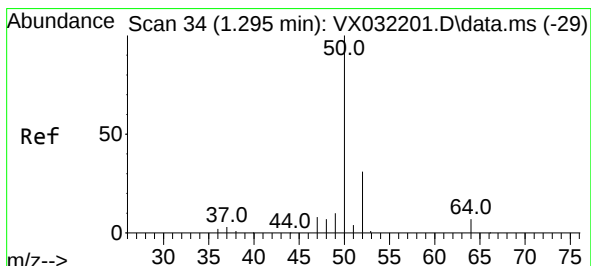
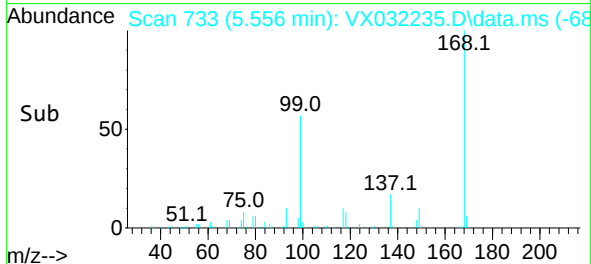
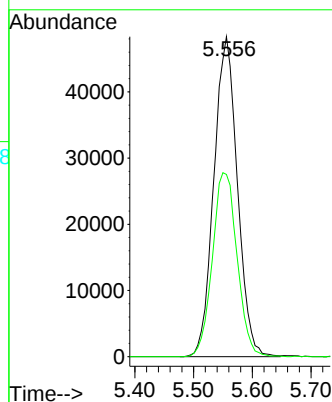
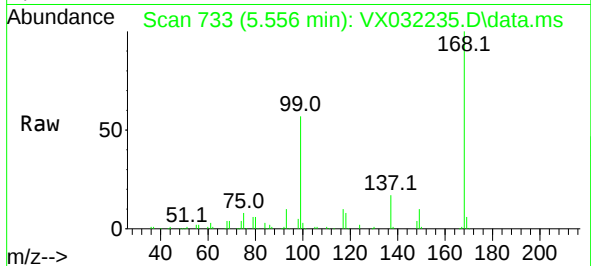




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

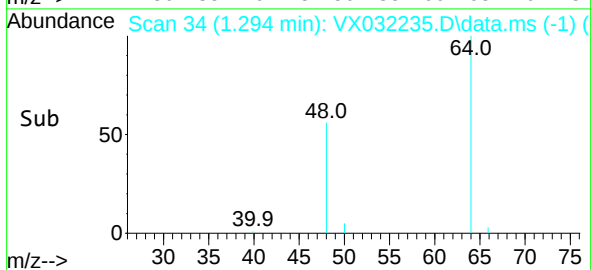
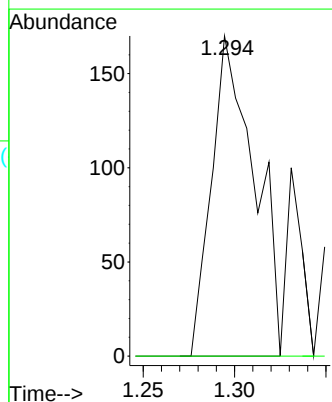
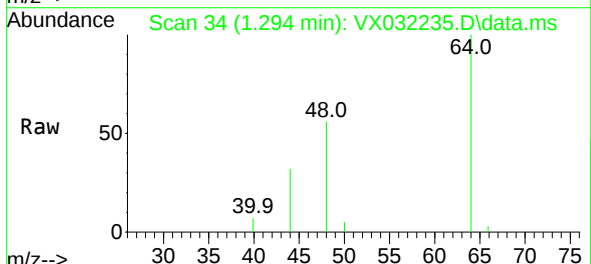
Instrument :
MSVOA_X
ClientSampleId :
5236-2

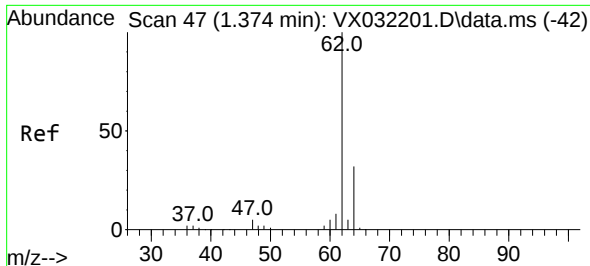
Tgt Ion:168 Resp: 134416
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

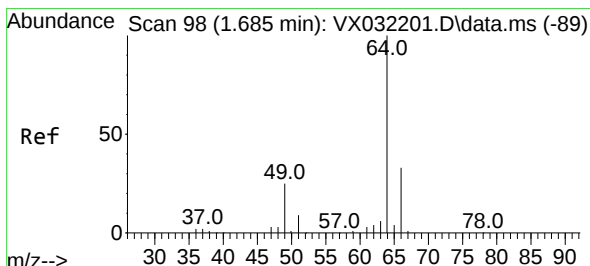
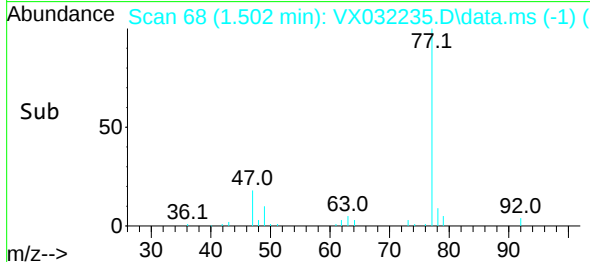
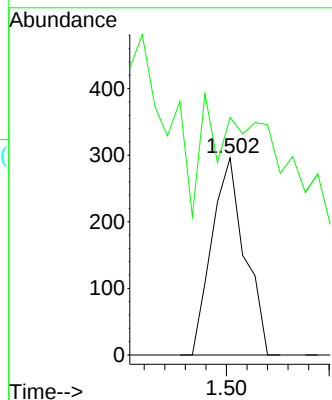
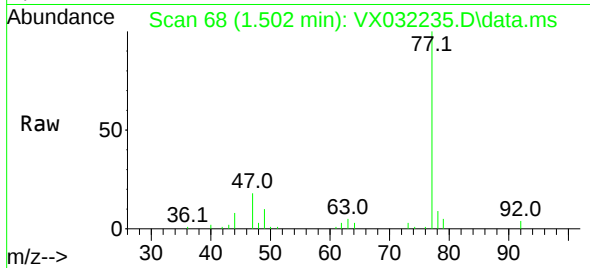




#4
 Vinyl Chloride
 Concen: 0.249 ug/l
 RT: 1.502 min Scan# 61
 Delta R.T. 0.128 min
 Lab File: VX032235.D
 Acq: 20 Oct 2022 02:37

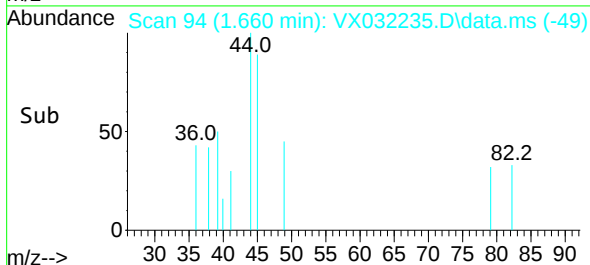
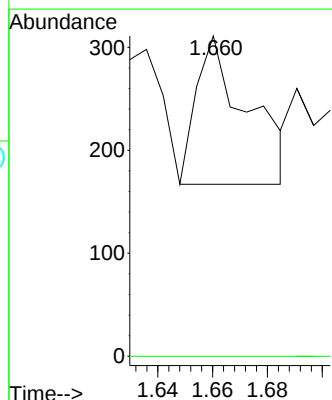
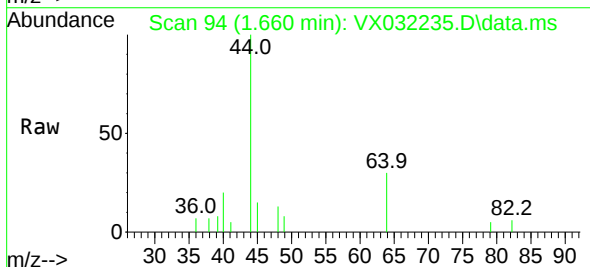
Instrument :
 MSVOA_X
 ClientSampleId :
 5236-2

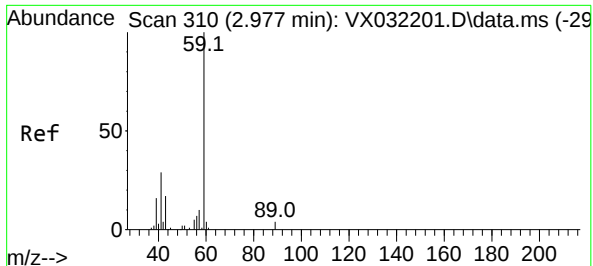
Tgt Ion: 62 Resp: 330
 Ion Ratio Lower Upper
 62 100
 64 28.4 26.6 39.8



#6
 Chloroethane
 Concen: 2.088 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.025 min
 Lab File: VX032235.D
 Acq: 20 Oct 2022 02:37

Tgt Ion: 64 Resp: 187
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.6 39.8

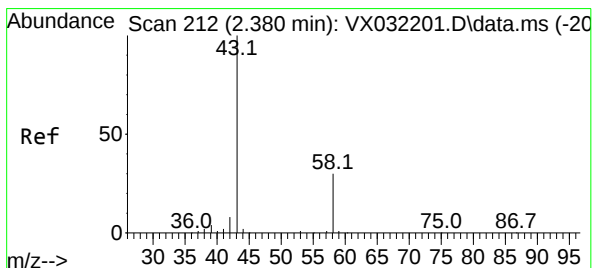
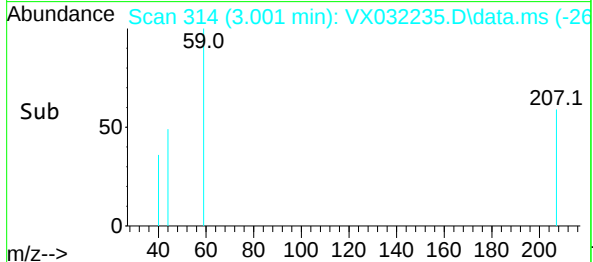
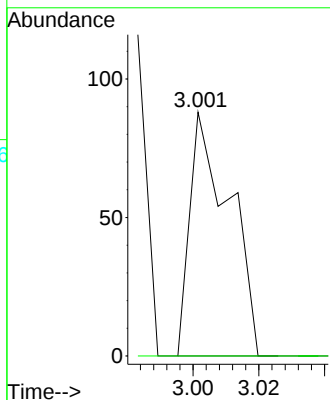
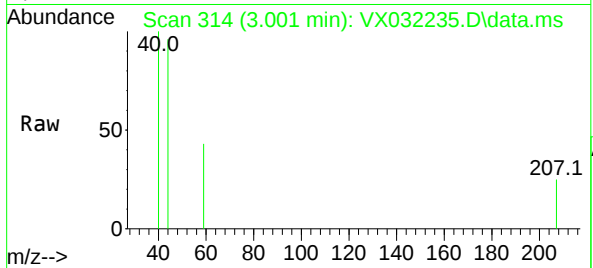




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

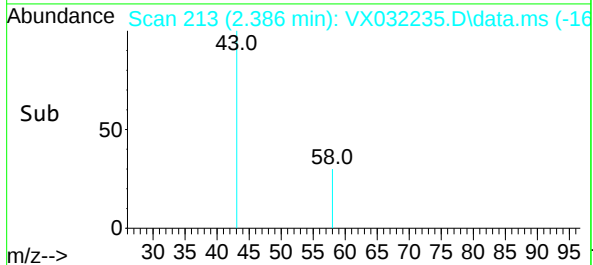
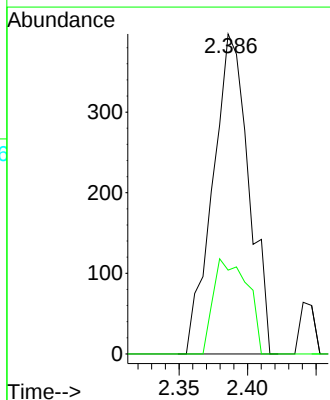
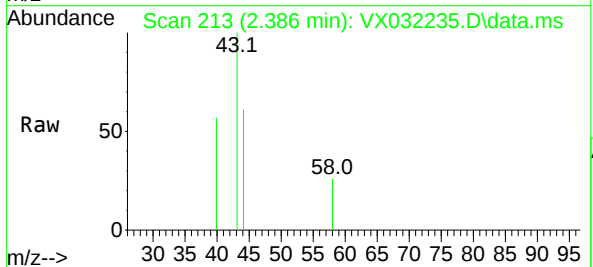
Instrument :
MSVOA_X
ClientSampleId :
5236-2

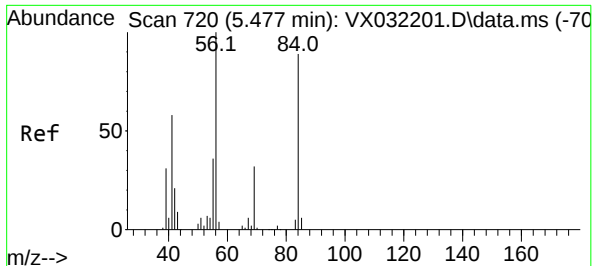
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#16
Acetone
Concen: 1.278 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

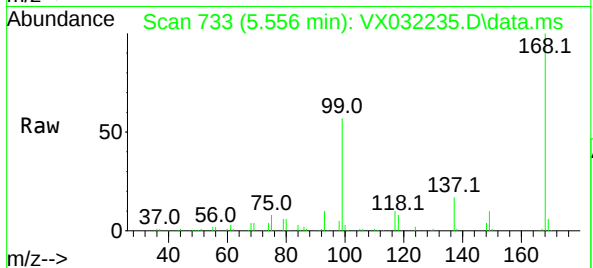
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 26.2 24.2 36.2



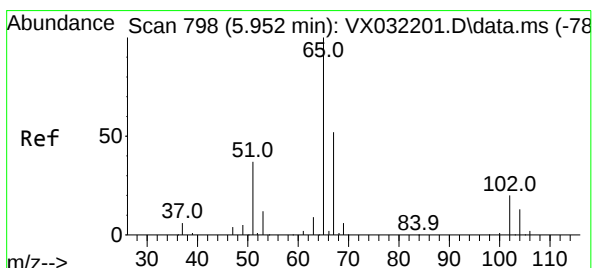
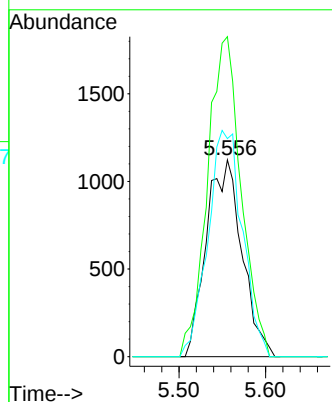
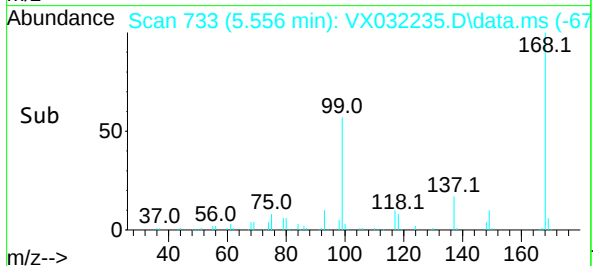


#31
Cyclohexane
Concen: 1.604 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

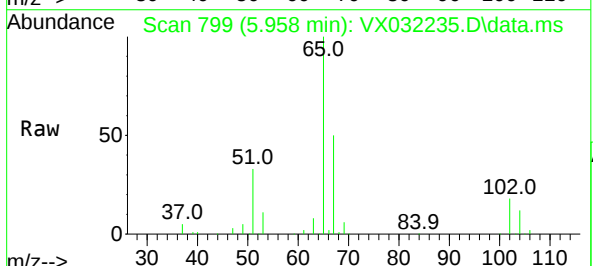
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ClientSampleId :
5236-2



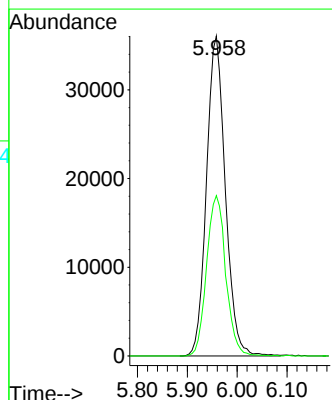
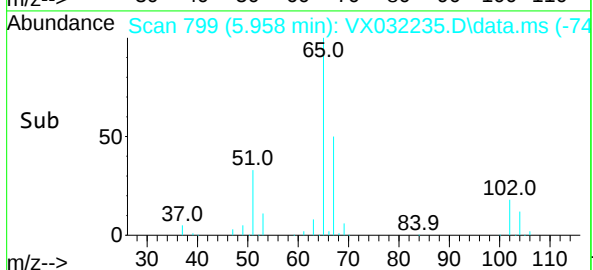
Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
69 162.6 25.4 38.0#
84 115.3 71.2 106.8#

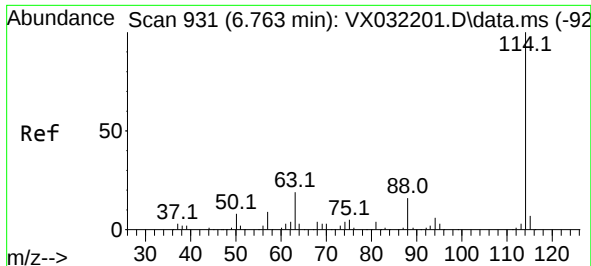


#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37



Tgt Ion: 65 Resp: 94581
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.6

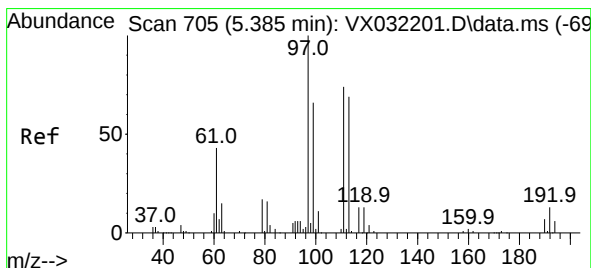
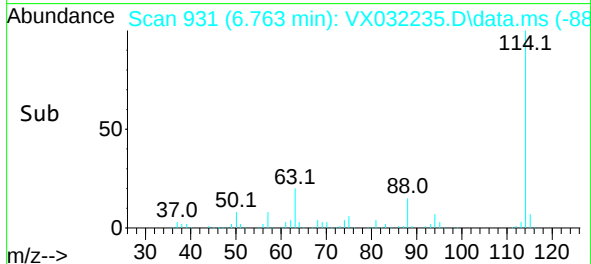
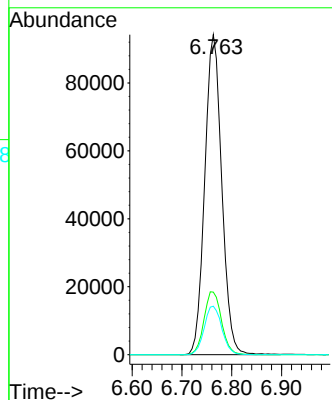
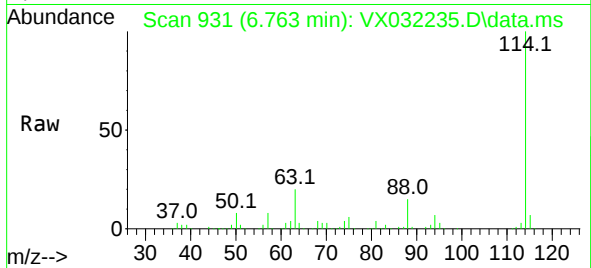




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

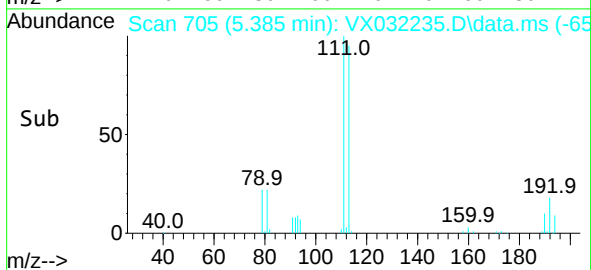
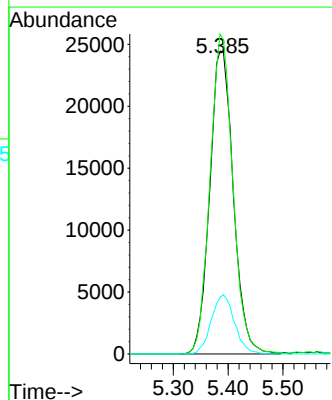
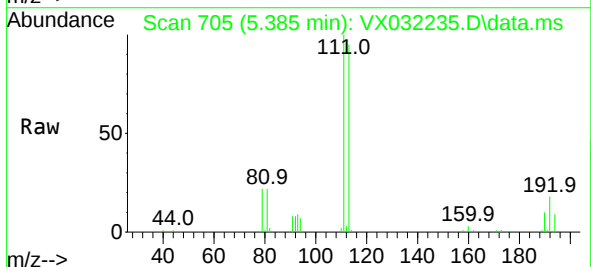
Instrument :
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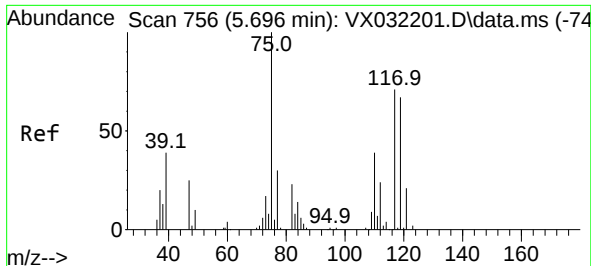
Tgt Ion:114 Resp: 223126
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.078 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

Tgt Ion:113 Resp: 73096
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.2 15.5 23.3

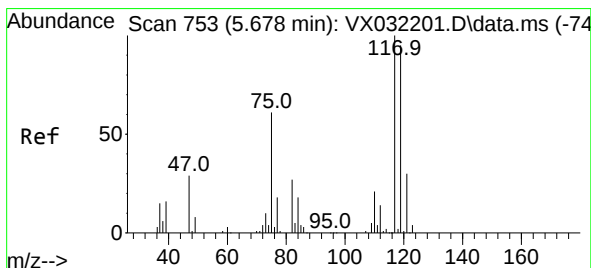
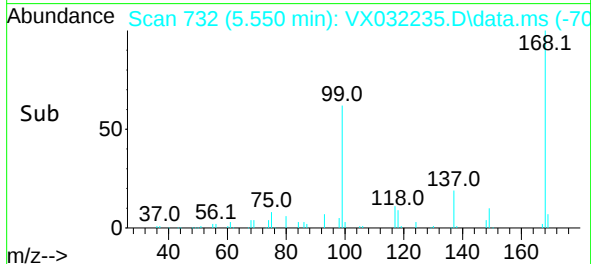
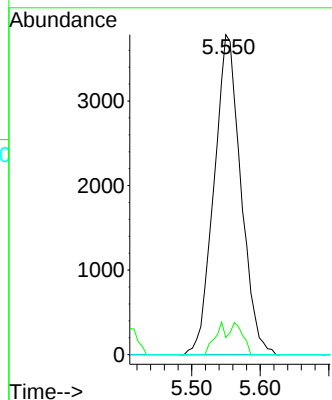
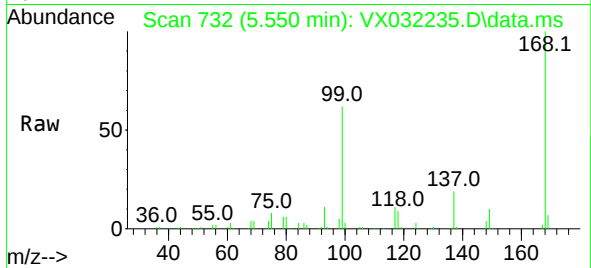




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

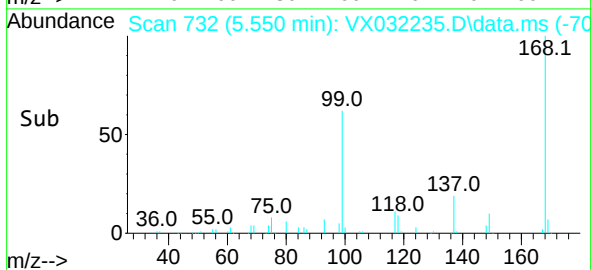
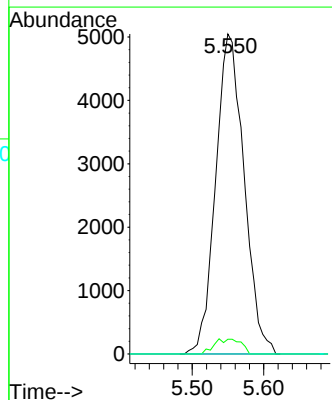
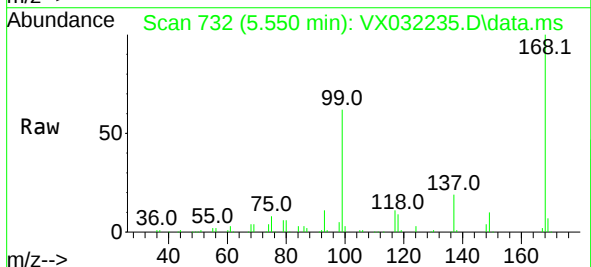
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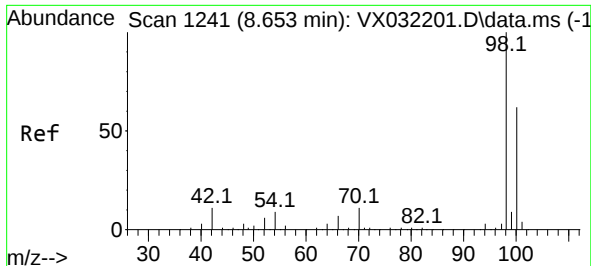
Tgt Ion: 75 Resp: 10280
Ion Ratio Lower Upper
75 100
110 4.0 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

Tgt Ion: 117 Resp: 13915
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 23.9 35.9#

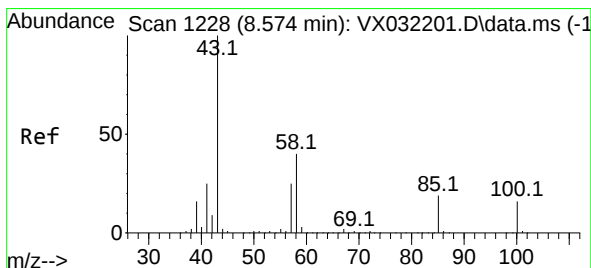
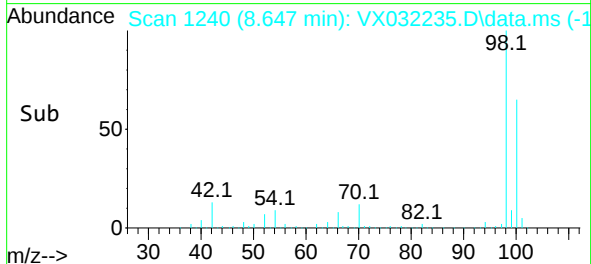
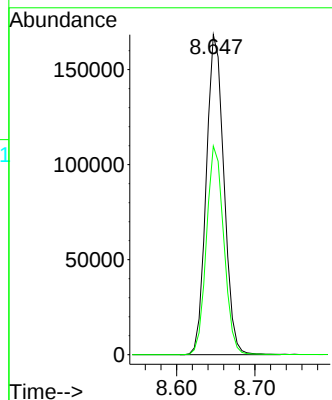
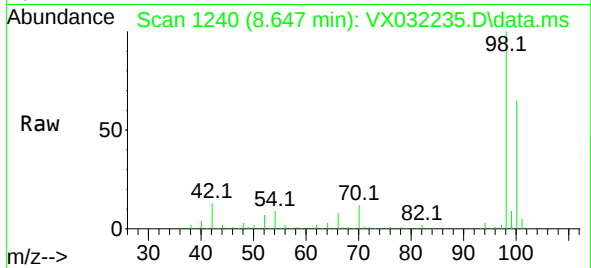




#50
Toluene-d8
Concen: 47.064 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

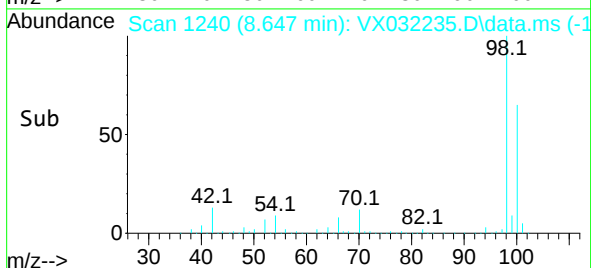
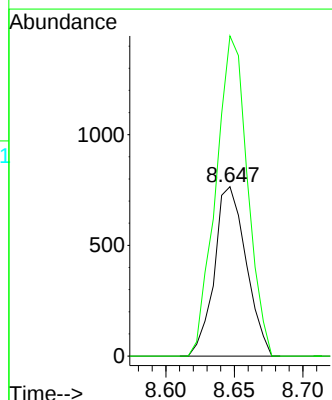
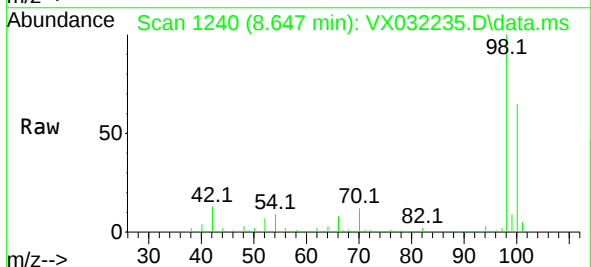
Instrument :
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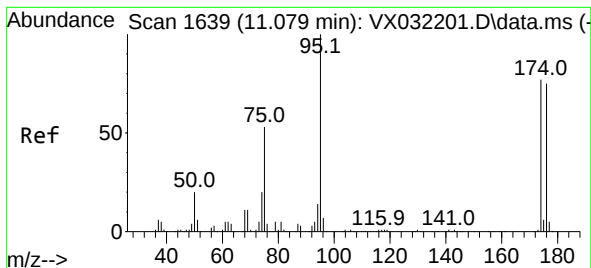
Tgt Ion: 98 Resp: 263044
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032235.D
Acq: 20 Oct 2022 02:37

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 188.4 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 46.183 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032235.D

Acq: 20 Oct 2022 02:37

Instrument :

MSVOA_X

ClientSampleId :

5236-2

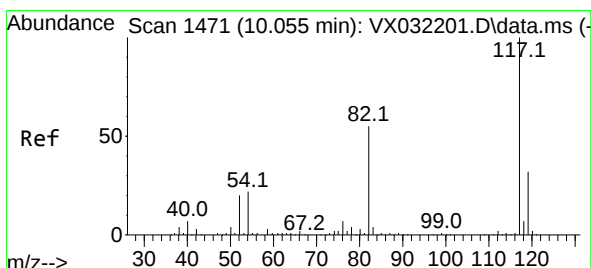
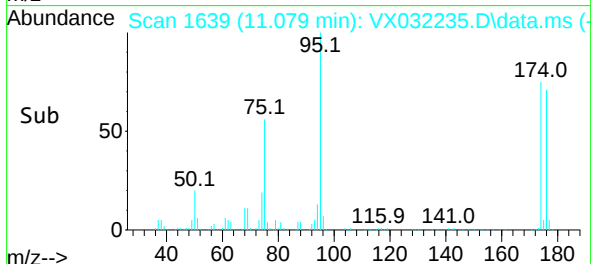
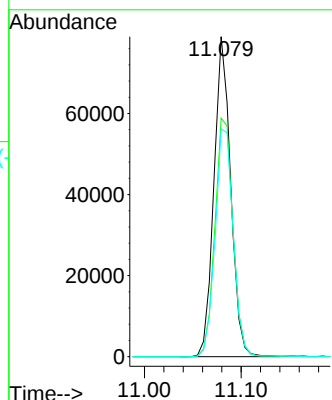
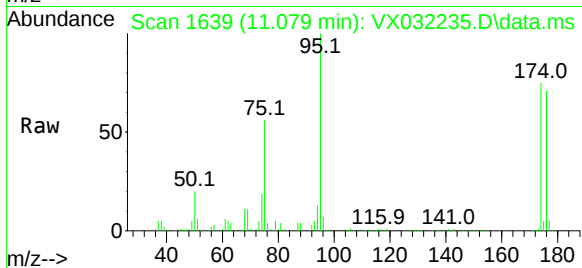
Tgt Ion: 95 Resp: 94520

Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.8

176 77.3 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: VX032235.D

Acq: 20 Oct 2022 02:37

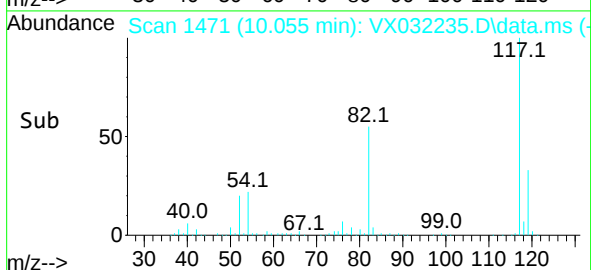
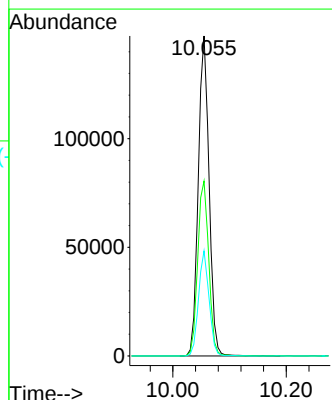
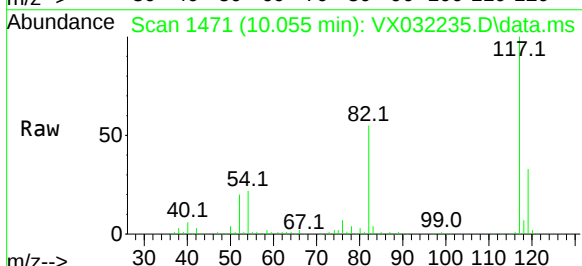
Tgt Ion: 117 Resp: 194553

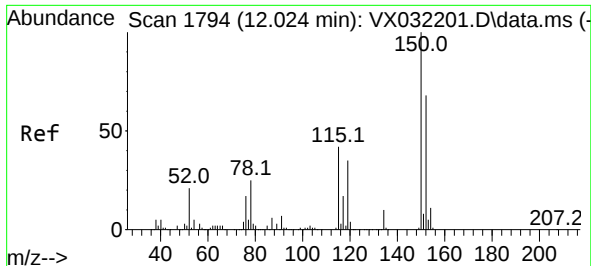
Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.4

119 32.9 25.8 38.8

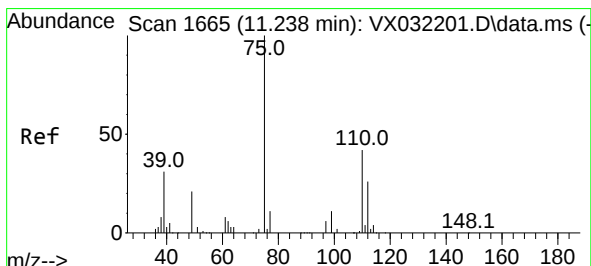
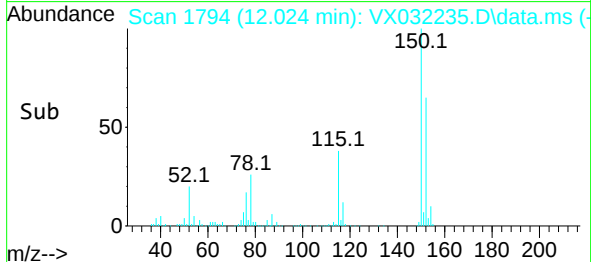
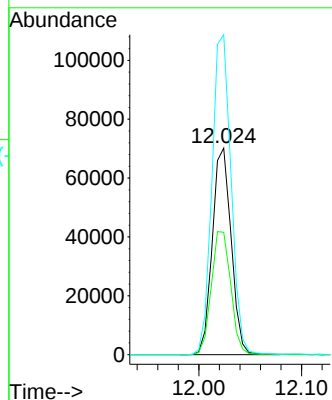
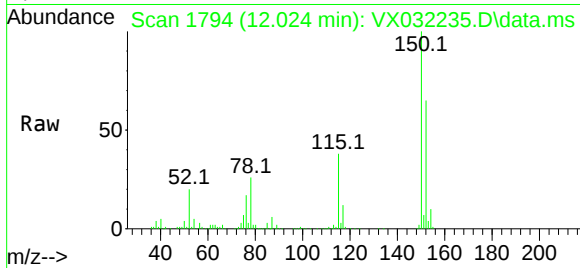




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032235.D
 Acq: 20 Oct 2022 02:37

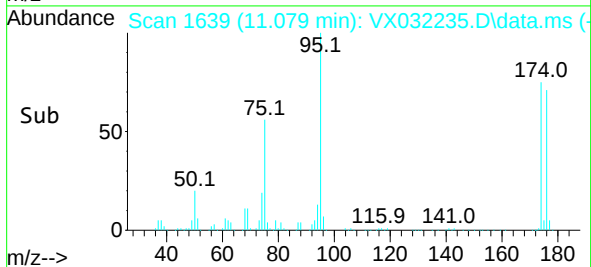
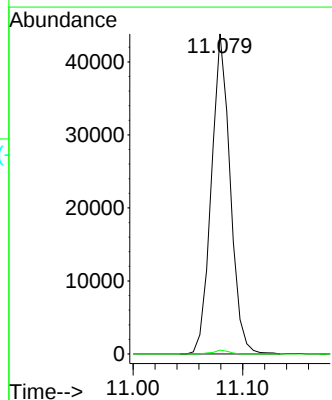
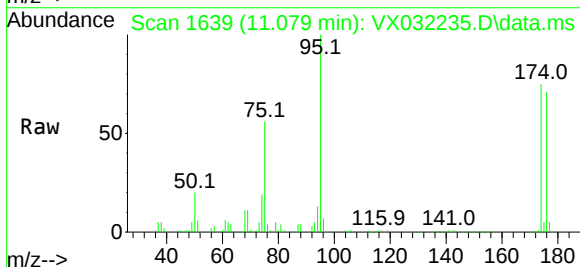
Instrument :
 MSVOA_X
 ClientSampleId :
 5236-2

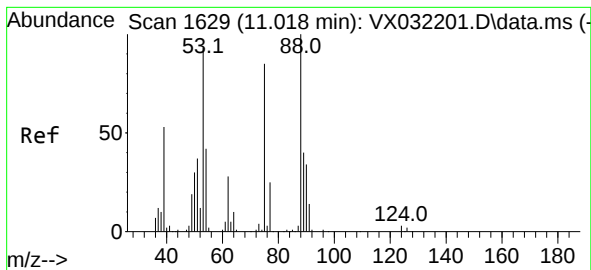
Tgt Ion:152 Resp: 89408
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.1 129.4
 150 156.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.487 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032235.D
 Acq: 20 Oct 2022 02:37

Tgt Ion: 75 Resp: 52237
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.282 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032235.D
 Acq: 20 Oct 2022 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 5236-2

Tgt Ion: 75 Resp: 52237
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

