

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032131.D
 Acq On : 14 Oct 2022 13:57
 Operator : JC/MD
 Sample : N5151-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-6

Quant Time: Oct 17 02:24:27 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)

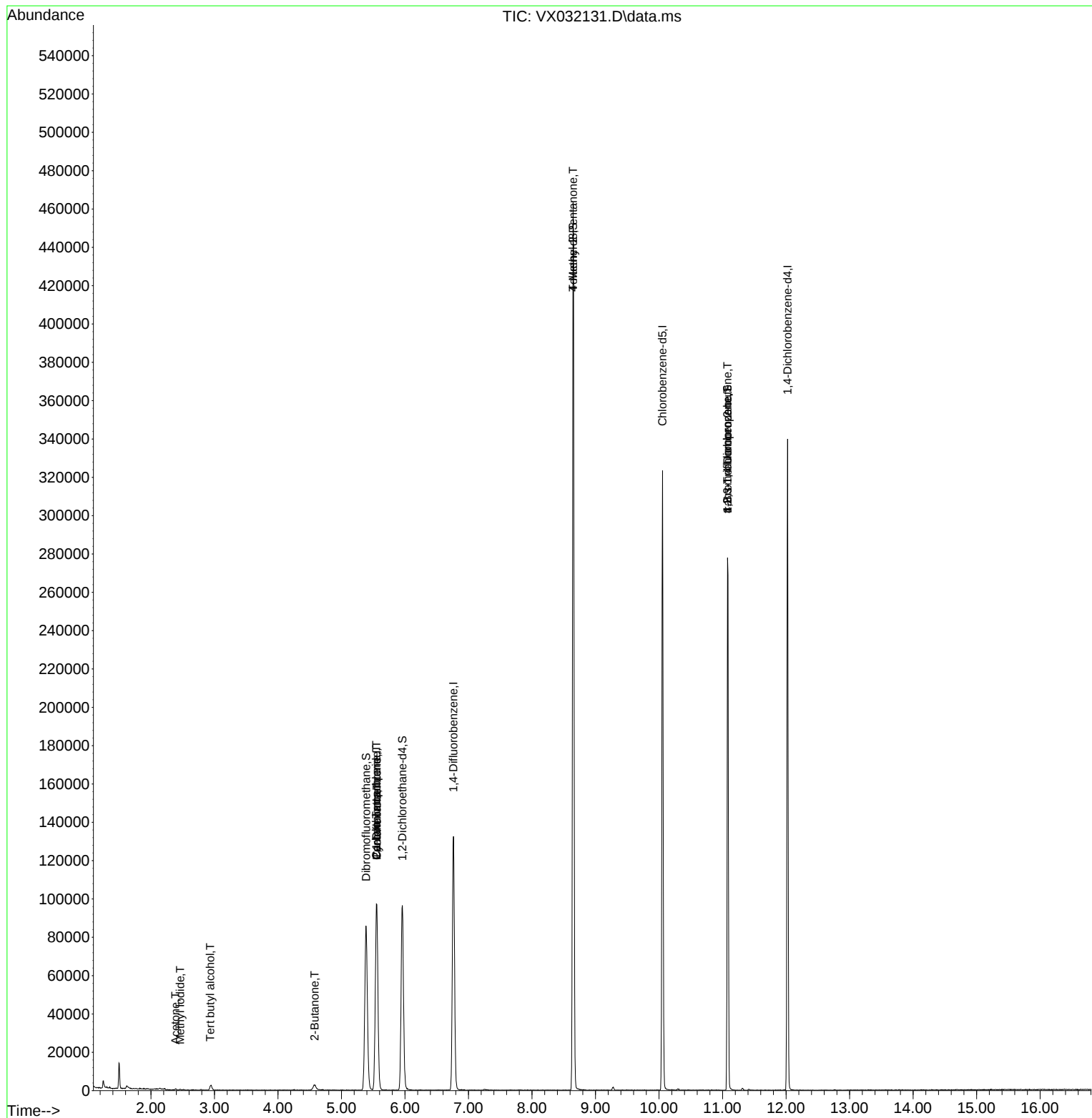
Internal Standards						
1) Pentafluorobenzene	5.556	168	87340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95676	53.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.080%			
35) Dibromofluoromethane	5.385	113	72280	48.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.980%			
50) Toluene-d8	8.647	98	267387	49.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	73802	38.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.840%#			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	326	Below Cal	#	71
10) Methyl Iodide	2.459	142	398	3.011	ug/l #	74
11) Tert butyl alcohol	2.934	59	1882	8.386	ug/l #	73
16) Acetone	2.386	43	709	1.157	ug/l #	75
25) 2-Butanone	4.574	43	215	0.224	ug/l #	49
31) Cyclohexane	5.556	56	2438	1.131	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	7944	4.019	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10153	5.023	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1382	0.739	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38796	28.481	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38796	97.395	ug/l #	11

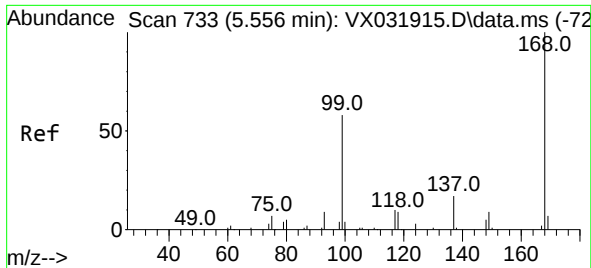
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
Data File : VX032131.D
Acq On : 14 Oct 2022 13:57
Operator : JC/MD
Sample : N5151-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
256317-6

Quant Time: Oct 17 02:24:27 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

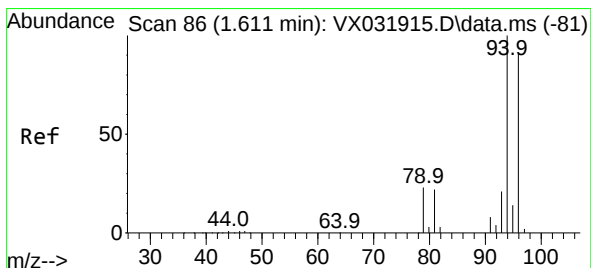
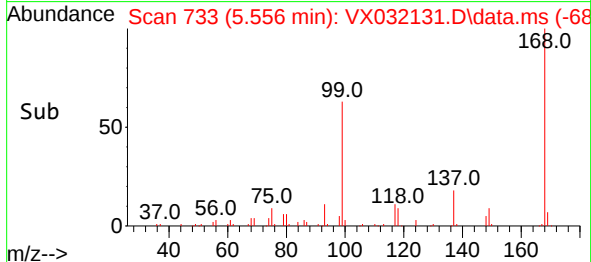
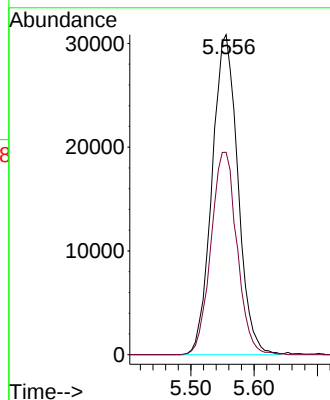
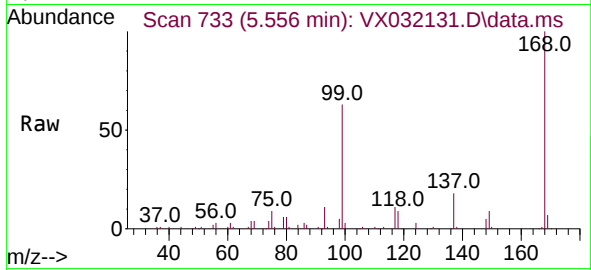




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

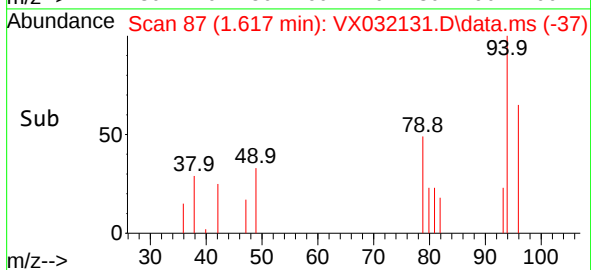
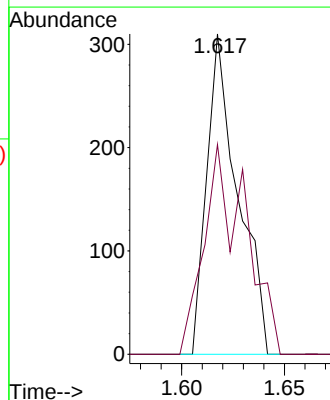
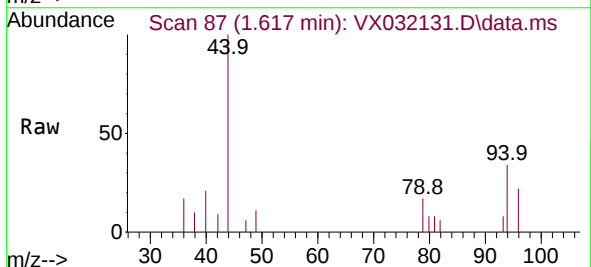
Instrument :
MSVOA_X
ClientSampleId :
256317-6

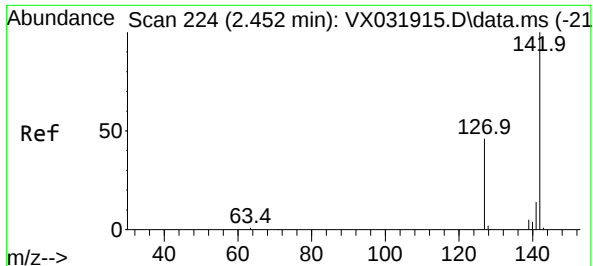
Tgt Ion:168 Resp: 87340
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

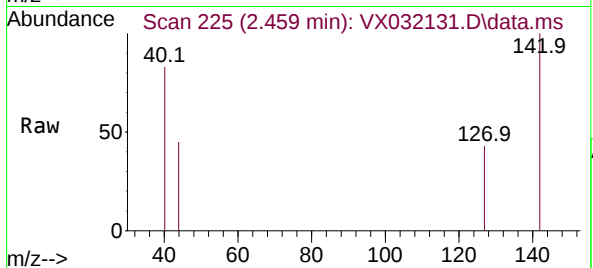
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 65.5 74.4 111.6#



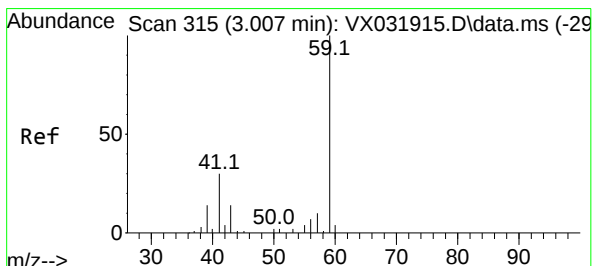
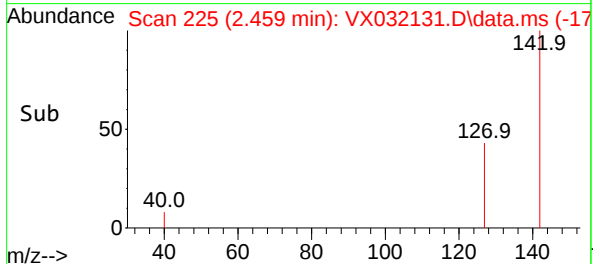
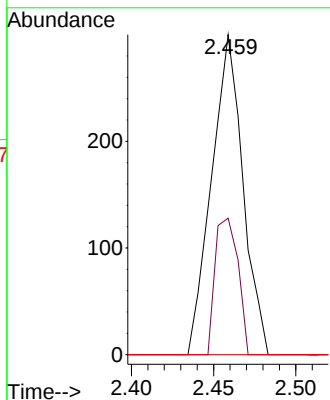


#10
Methyl Iodide
Concen: 3.011 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
256317-6

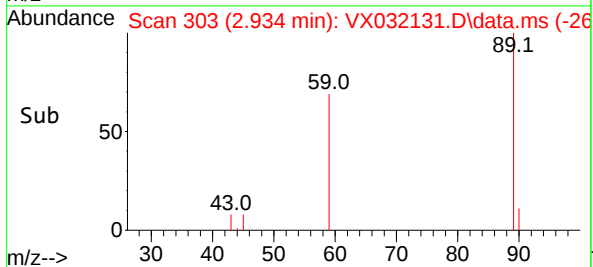
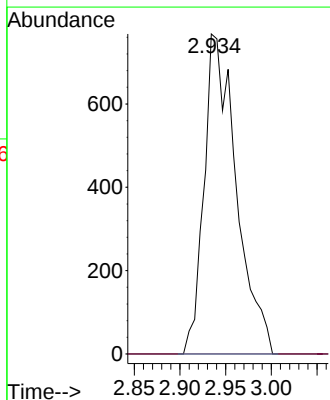
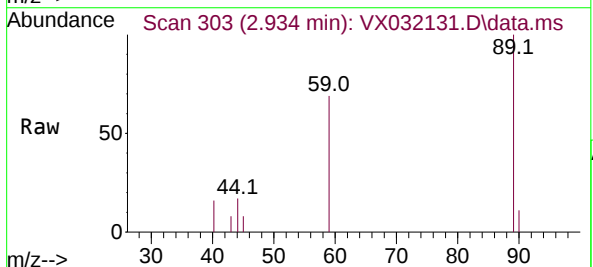


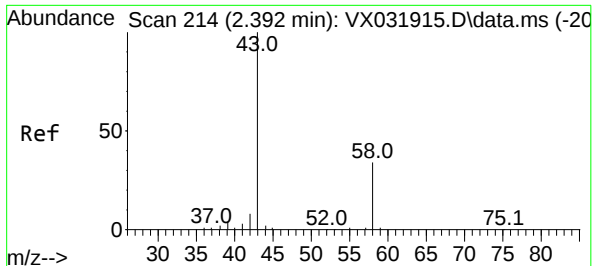
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
127 31.2 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 8.386 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Tgt Ion: 59 Resp: 1882
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

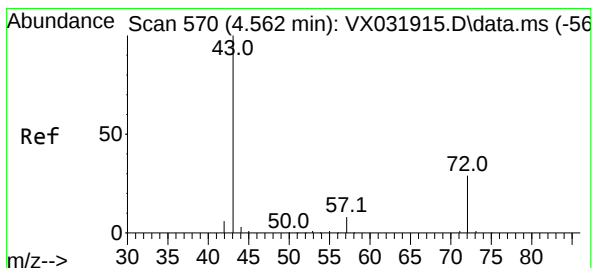
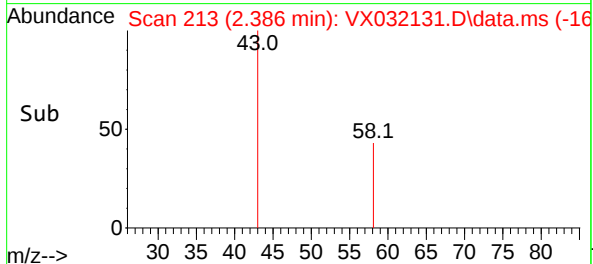
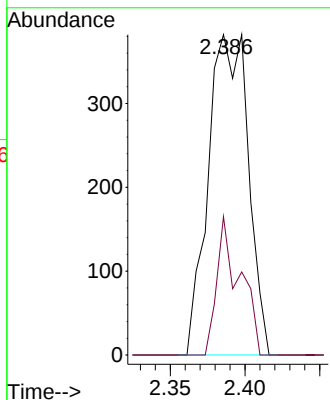
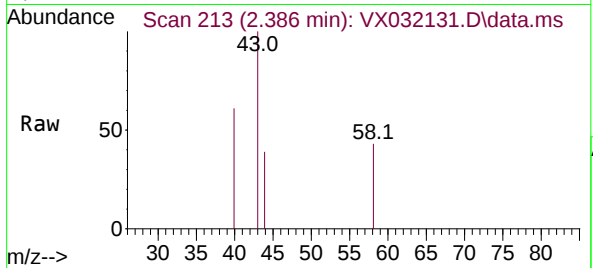




#16
Acetone
Concen: 1.157 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

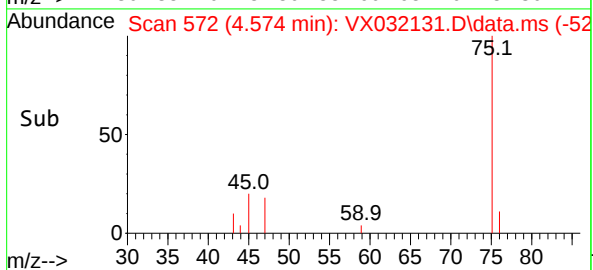
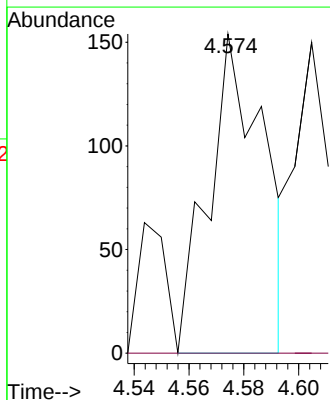
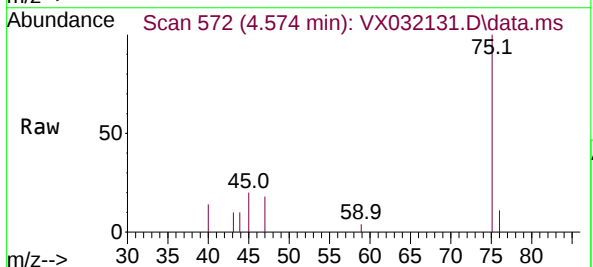
Instrument :
MSVOA_X
ClientSampleId :
256317-6

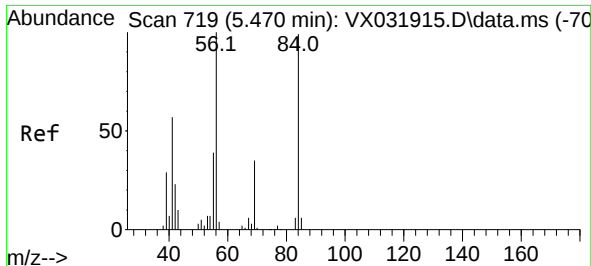
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 43.2 23.8 35.8#



#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

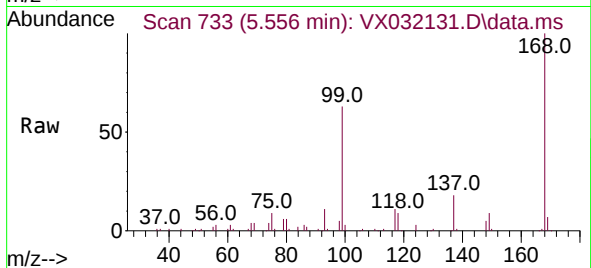
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



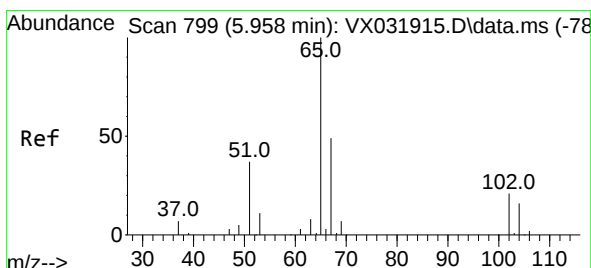
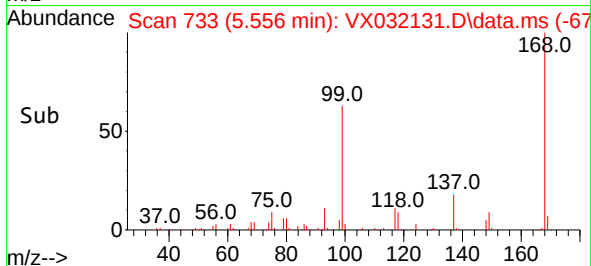
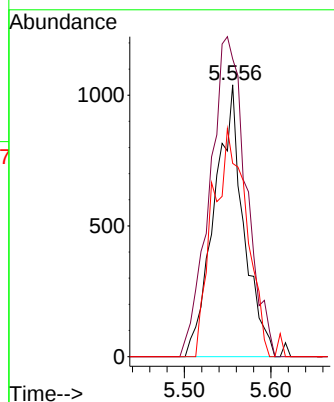


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
256317-6

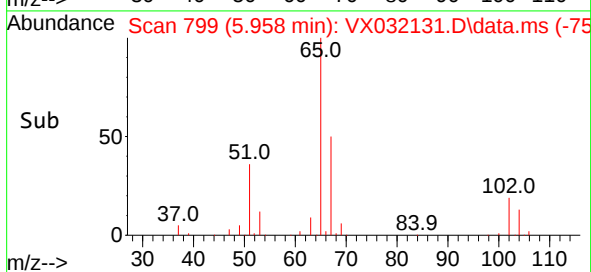
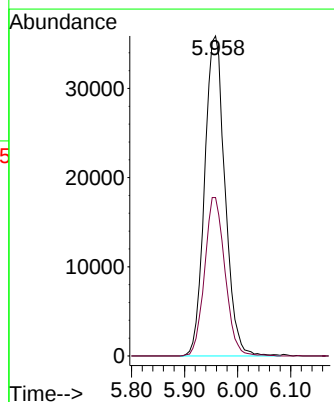
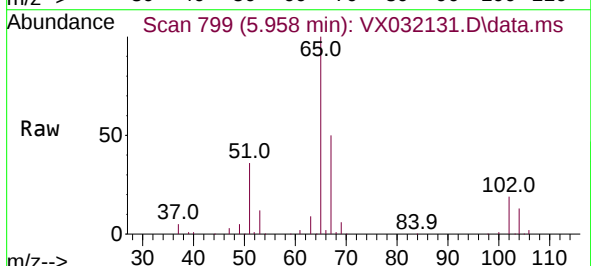


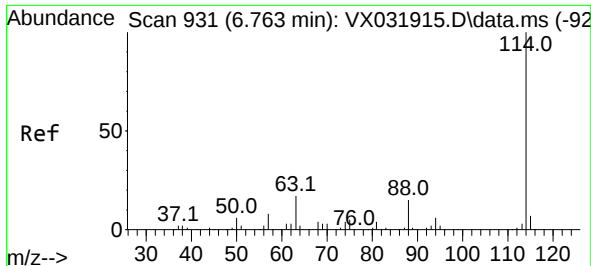
Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 109.5 25.1 37.7#
84 71.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.043 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Tgt Ion: 65 Resp: 95676
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.4

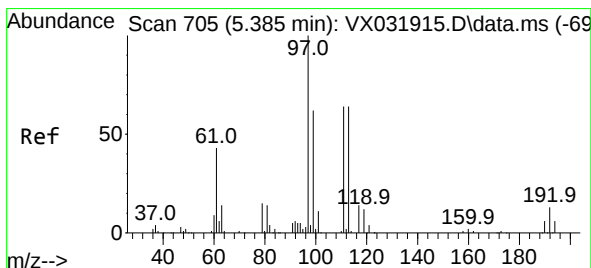
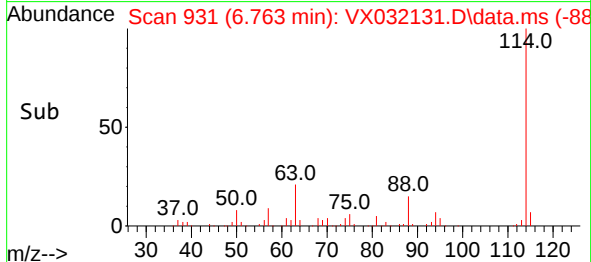
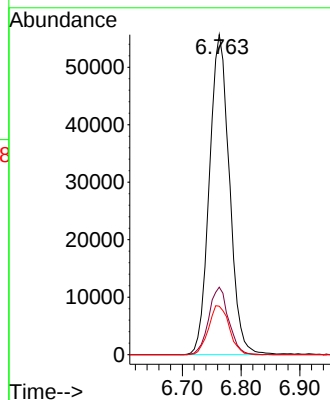
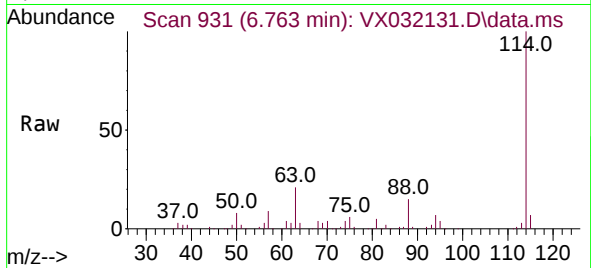




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

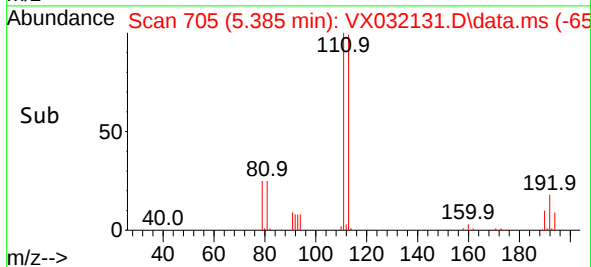
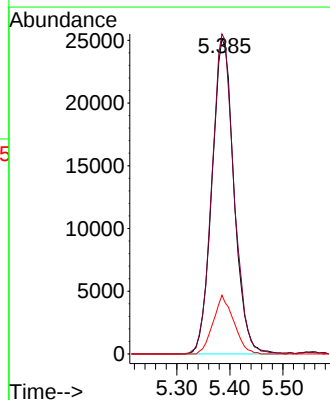
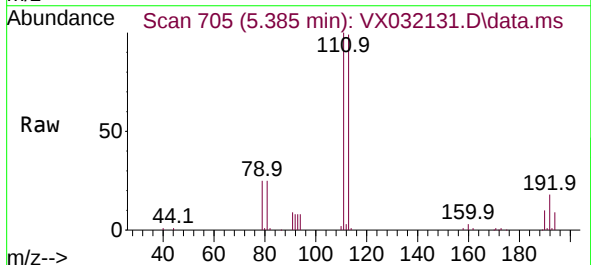
Instrument :
MSVOA_X
ClientSampleId :
256317-6

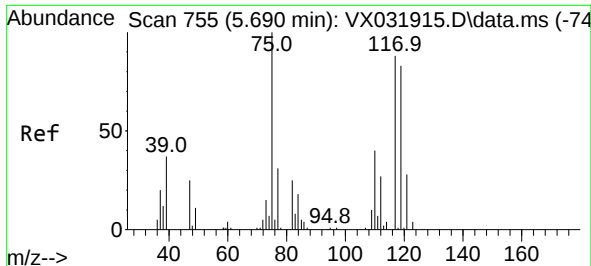
Tgt Ion:114 Resp: 131689
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Tgt Ion:113 Resp: 72280
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 17.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 4.019 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032131.D

Acq: 14 Oct 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

256317-6

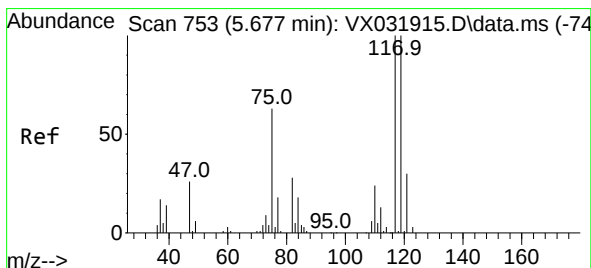
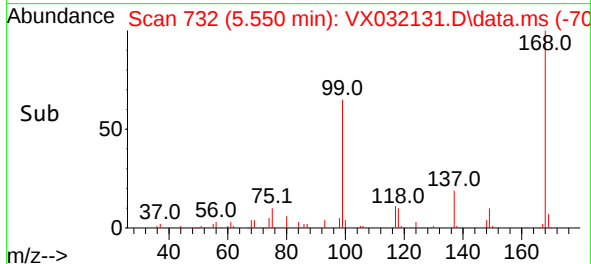
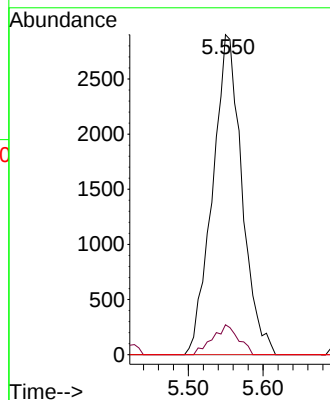
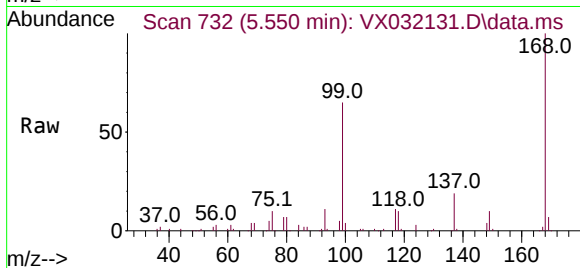
Tgt Ion: 75 Resp: 7944

Ion Ratio Lower Upper

75 100

110 8.2 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.023 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX032131.D

Acq: 14 Oct 2022 13:57

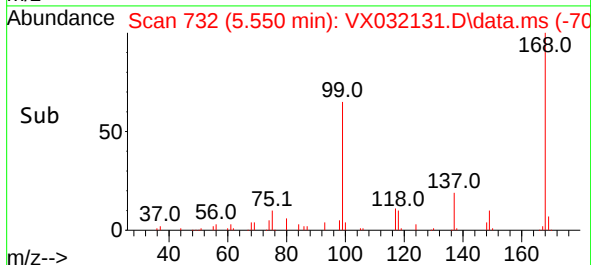
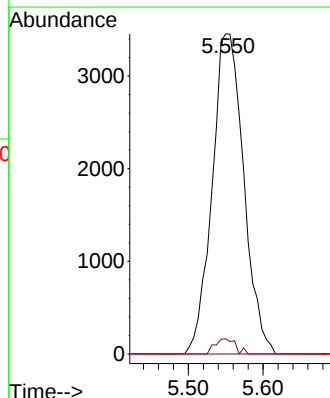
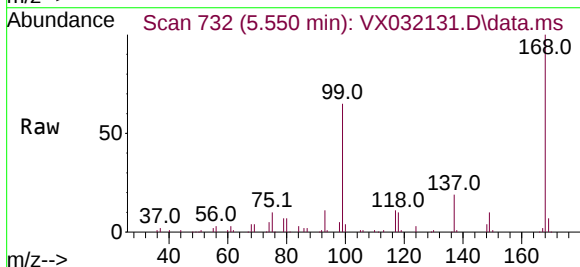
Tgt Ion: 117 Resp: 10153

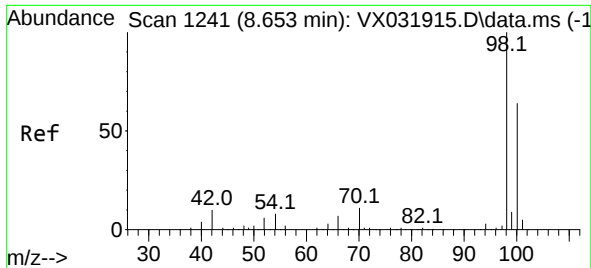
Ion Ratio Lower Upper

117 100

119 4.7 74.6 112.0#

121 0.0 25.3 37.9#

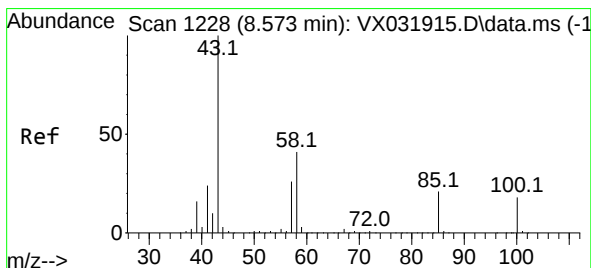
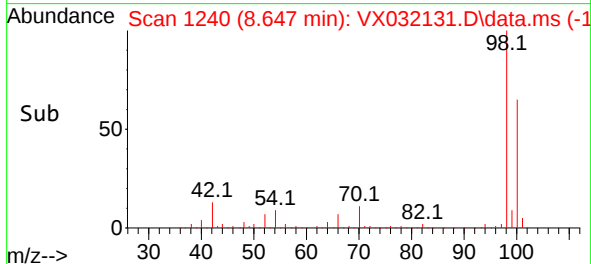
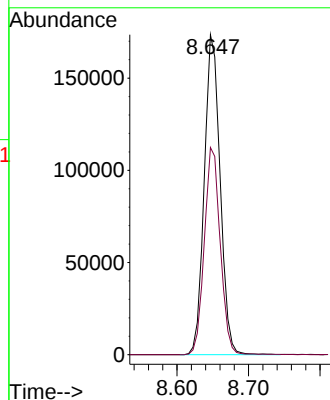
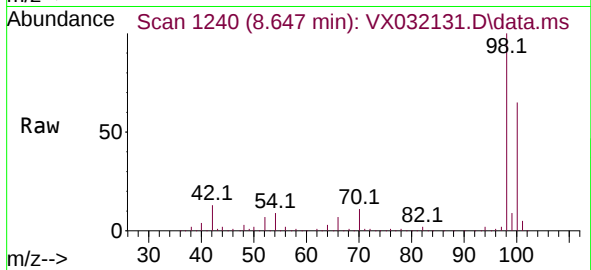




#50
Toluene-d8
Concen: 49.850 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

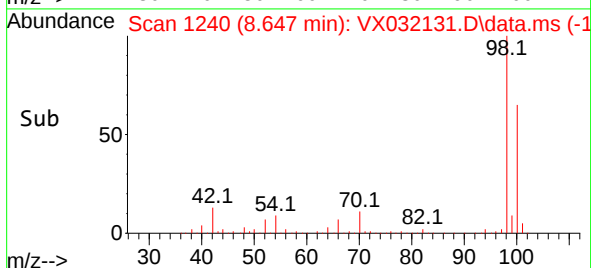
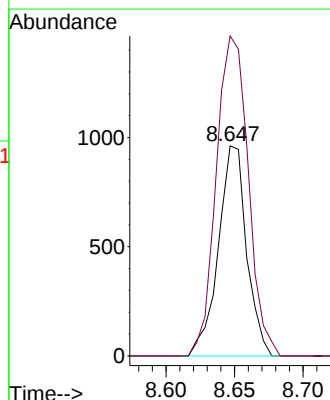
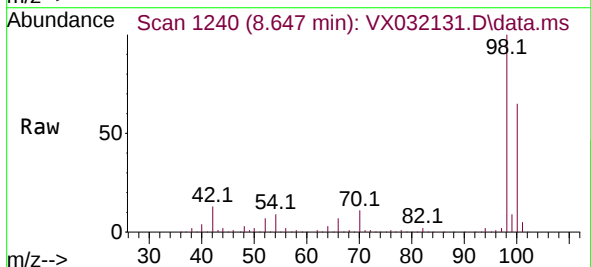
Instrument :
MSVOA_X
ClientSampleId :
256317-6

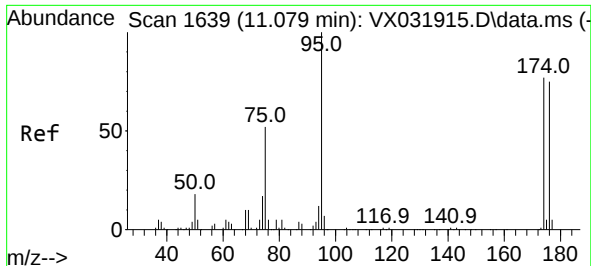
Tgt Ion: 98 Resp: 267387
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032131.D
Acq: 14 Oct 2022 13:57

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 172.2 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 38.920 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032131.D

Acq: 14 Oct 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

256317-6

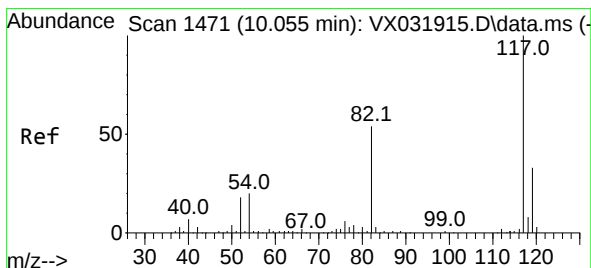
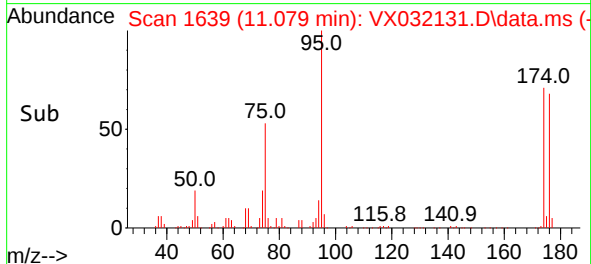
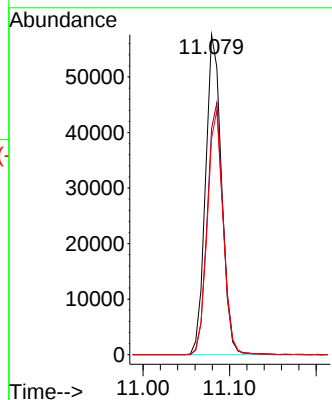
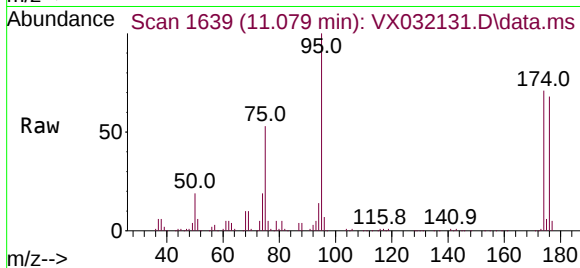
Tgt Ion: 95 Resp: 73802

Ion Ratio Lower Upper

95 100

174 78.1 0.0 153.2

176 75.3 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: VX032131.D

Acq: 14 Oct 2022 13:57

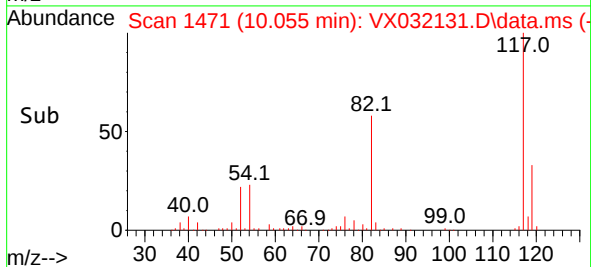
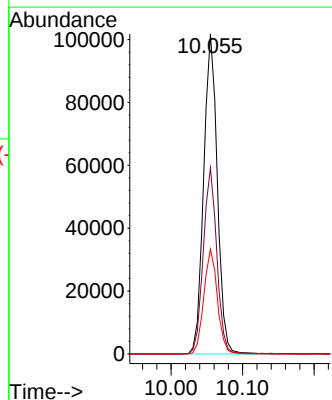
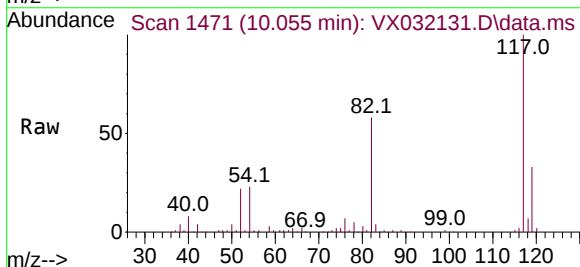
Tgt Ion: 117 Resp: 135204

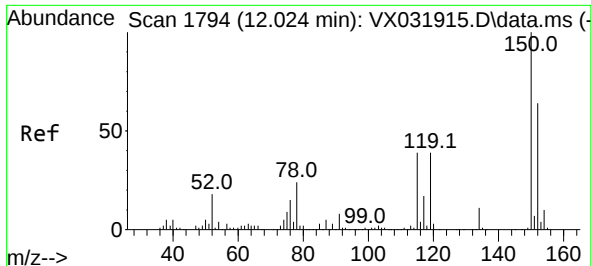
Ion Ratio Lower Upper

117 100

82 58.2 46.8 70.2

119 32.7 26.4 39.6

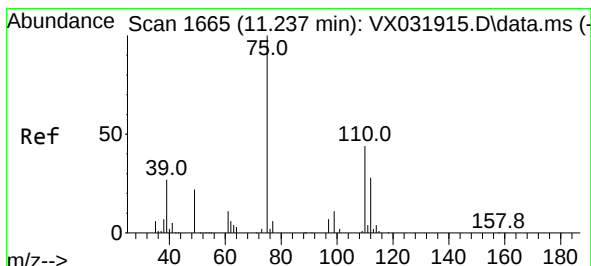
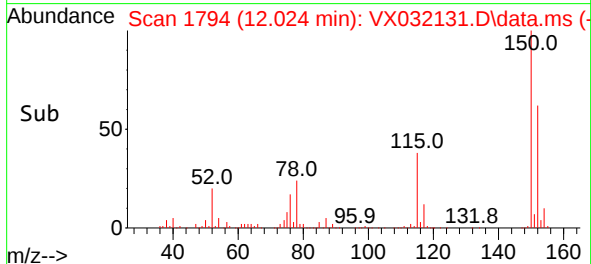
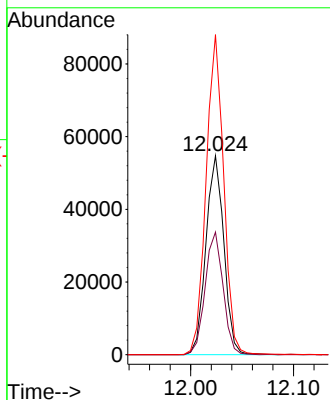
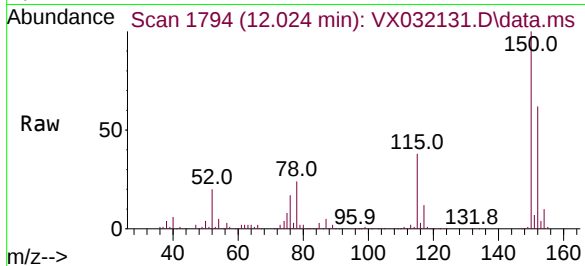




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032131.D
 Acq: 14 Oct 2022 13:57

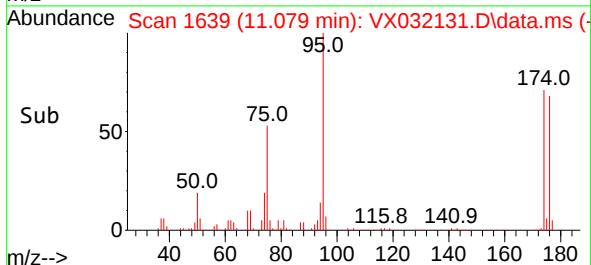
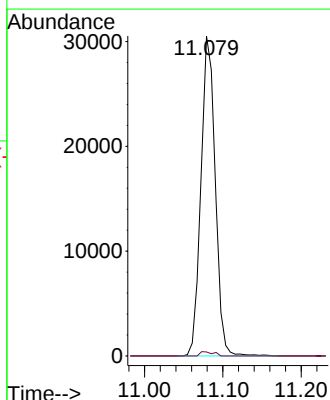
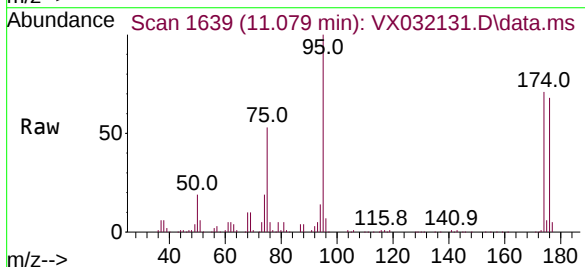
Instrument :
 MSVOA_X
 ClientSampleId :
 256317-6

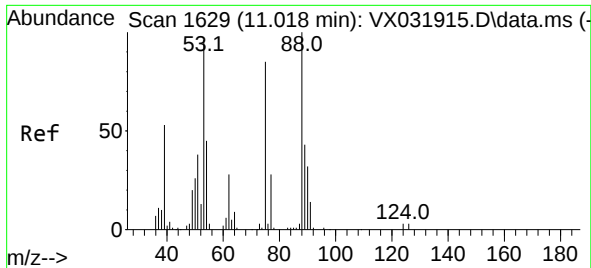
Tgt Ion:152 Resp: 66463
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.4 130.1
 150 157.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.481 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032131.D
 Acq: 14 Oct 2022 13:57

Tgt Ion: 75 Resp: 38796
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.395 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032131.D
 Acq: 14 Oct 2022 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-6

Tgt Ion: 75 Resp: 38796
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#

