

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031928.D
 Acq On : 06 Oct 2022 19:19
 Operator : JC/MD
 Sample : N5029-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 08:08:15 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)

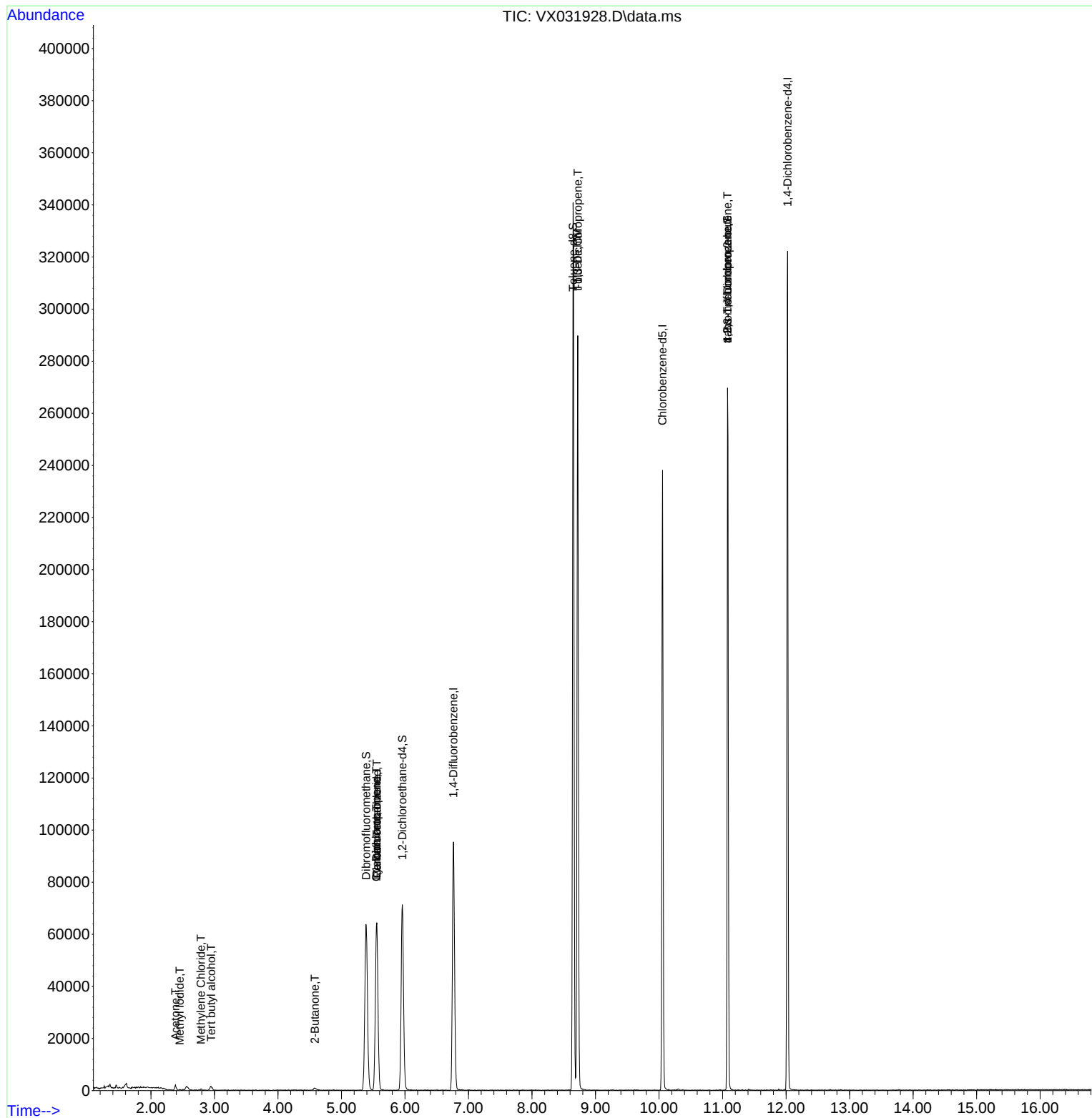
Internal Standards						
1) Pentafluorobenzene	5.556	168	61844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67408	52.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	5.385	113	55259	48.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.100%			
50) Toluene-d8	8.647	98	200788	49.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.040%			
62) 4-Bromofluorobenzene	11.079	95	69741	48.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.320%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	346	Below Cal	#	77
10) Methyl Iodide	2.453	142	117	2.861	ug/l #	38
11) Tert butyl alcohol	2.947	59	1074	6.759	ug/l #	73
16) Acetone	2.386	43	1923	4.430	ug/l #	74
20) Methylene Chloride	2.788	84	237	0.208	ug/l #	36
25) 2-Butanone	4.580	43	217	0.320	ug/l #	49
31) Cyclohexane	5.550	56	1315	0.862	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	4737	3.138	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6119	3.965	ug/l #	19
52) Toluene	8.720	92	107398	37.164	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	1108	1.898	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36481	26.708	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36481	91.555	ug/l #	11

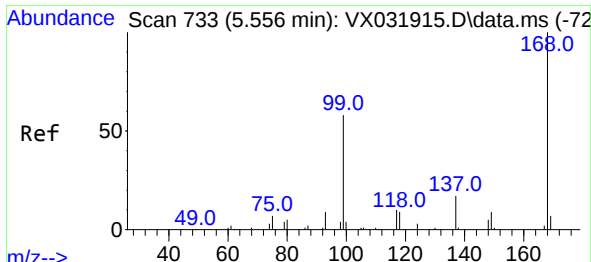
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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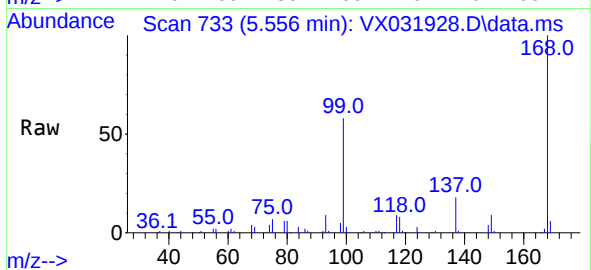
Quant Time: Oct 07 08:08:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration



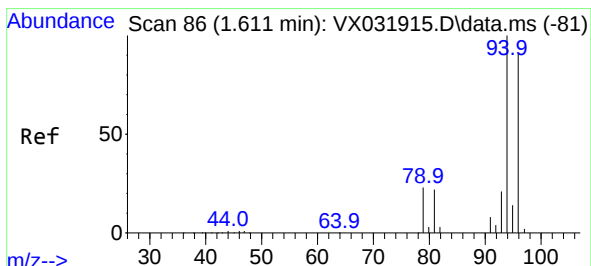
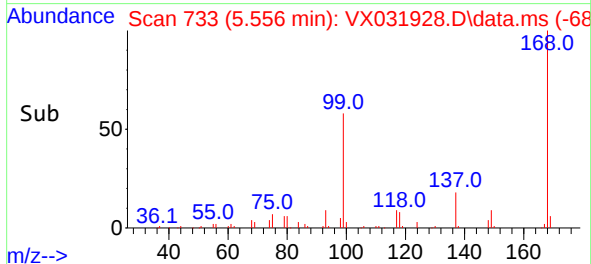
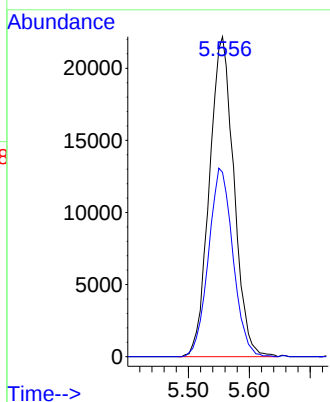


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :

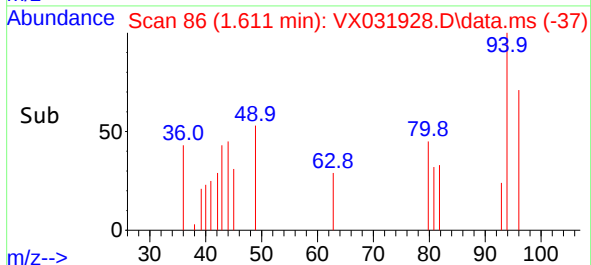
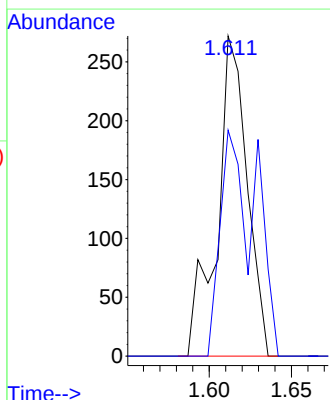
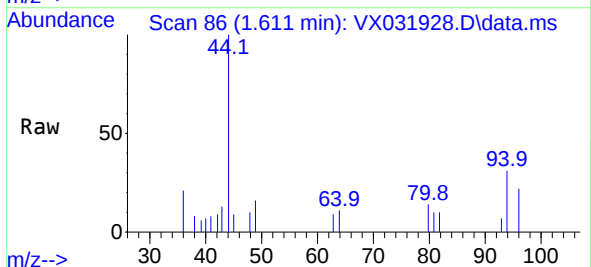


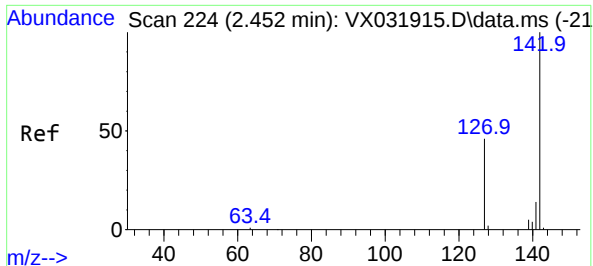
Tgt Ion:168 Resp: 61844
Ion Ratio Lower Upper
168 100
99 57.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

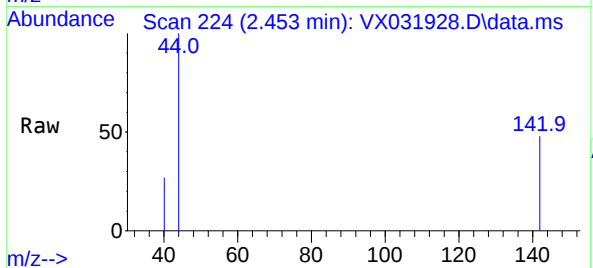
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 70.6 74.4 111.6#



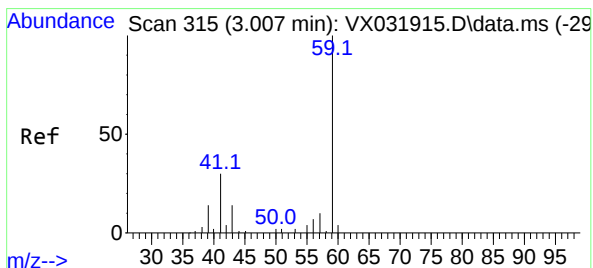
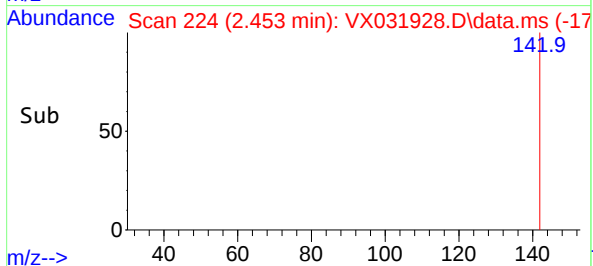
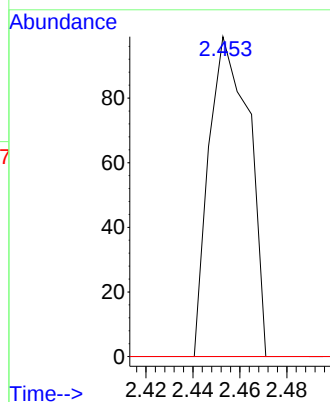


#10
Methyl Iodide
Concen: 2.861 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :

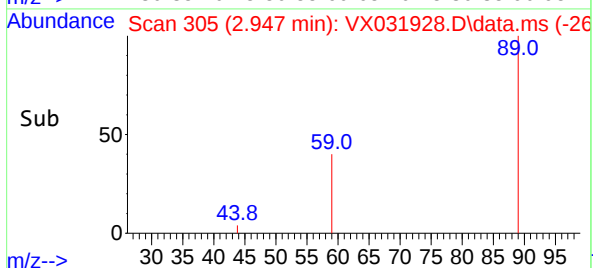
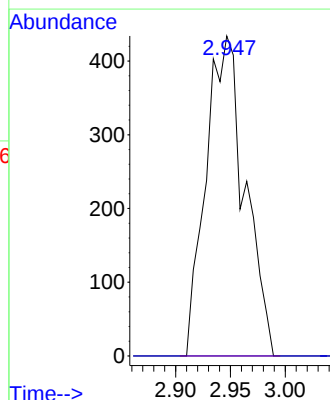
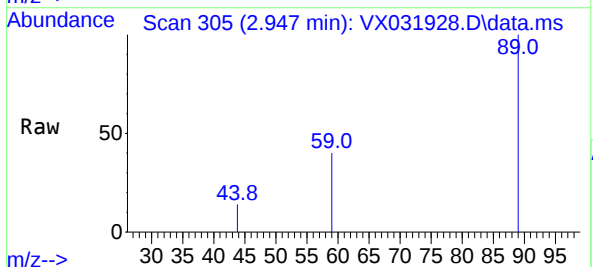


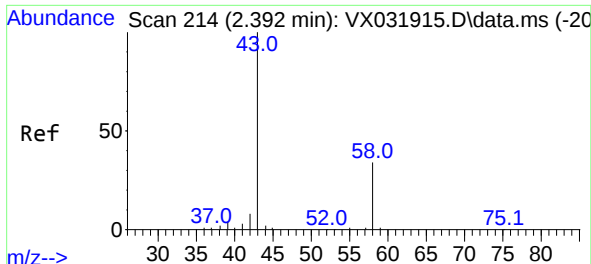
Tgt Ion:142 Resp: 117
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 6.759 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Tgt Ion: 59 Resp: 1074
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

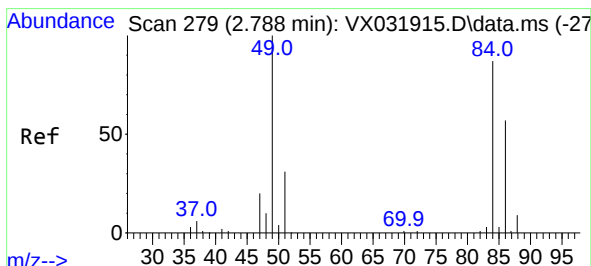
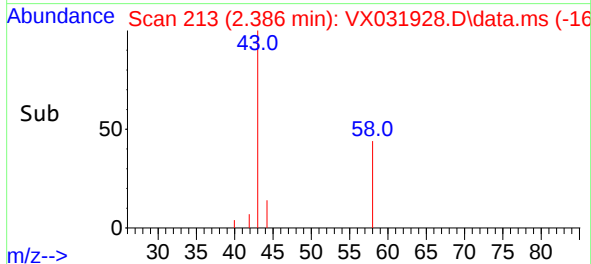
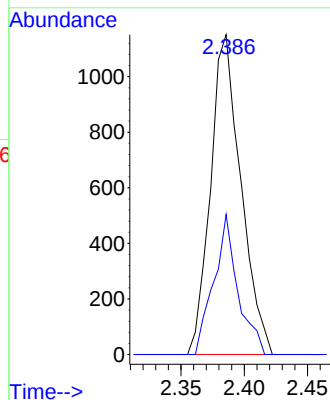
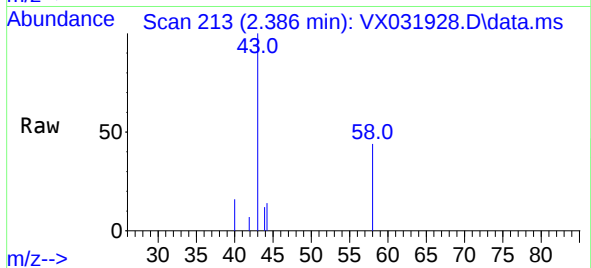




#16
Acetone
Concen: 4.430 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

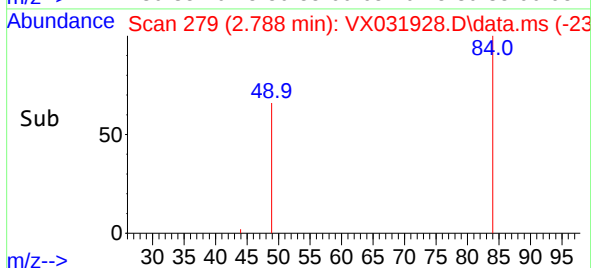
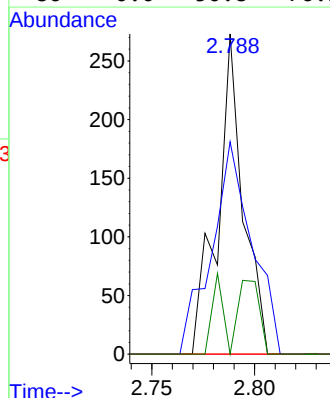
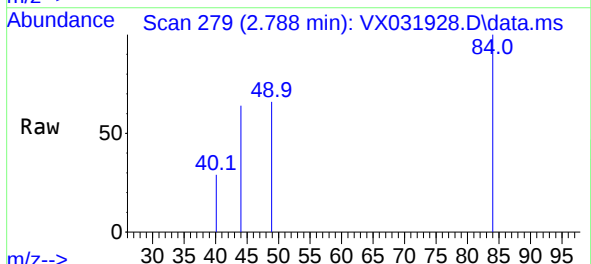
Instrument :
MSVOA_X
ClientSampleId :

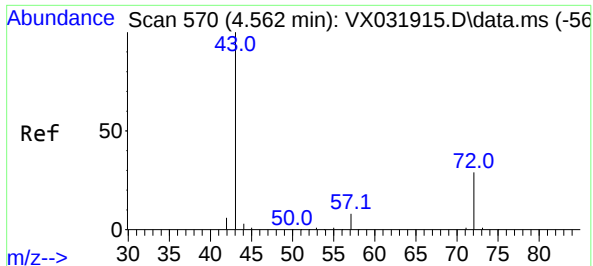
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
58 43.8 23.8 35.8#



#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Tgt Ion: 84 Resp: 237
Ion Ratio Lower Upper
84 100
49 66.3 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#





#25

2-Butanone

Concen: 0.320 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_X

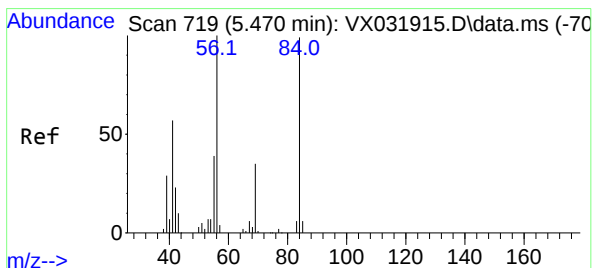
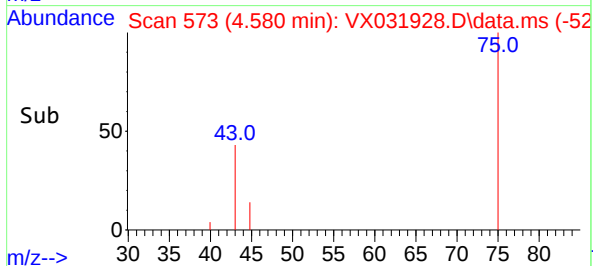
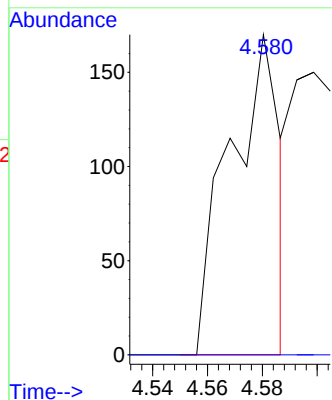
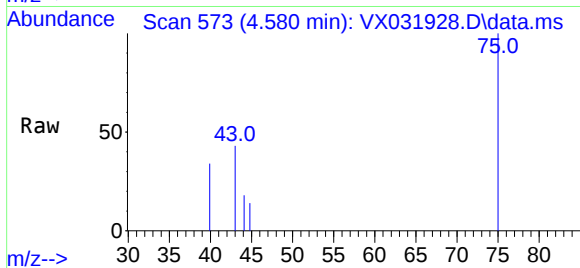
ClientSampleId :

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.862 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

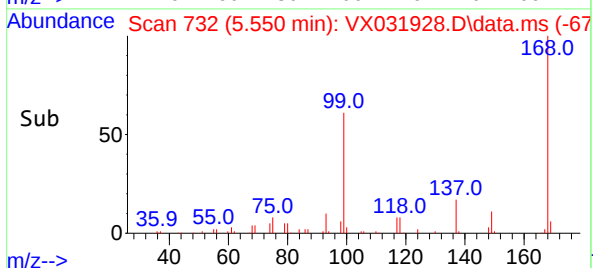
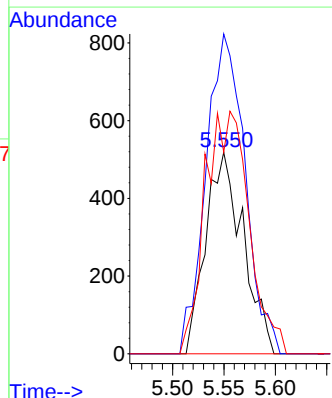
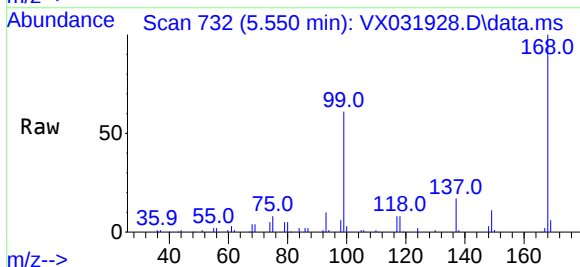
Tgt Ion: 56 Resp: 1315

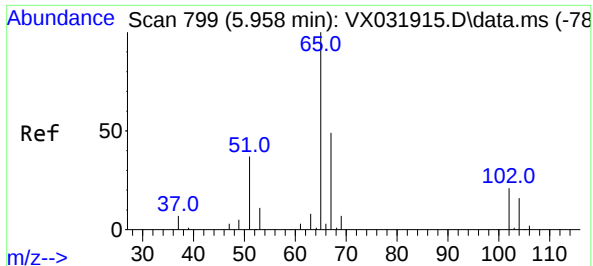
Ion Ratio Lower Upper

56 100

69 158.6 25.1 37.7#

84 100.0 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 52.778 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_X

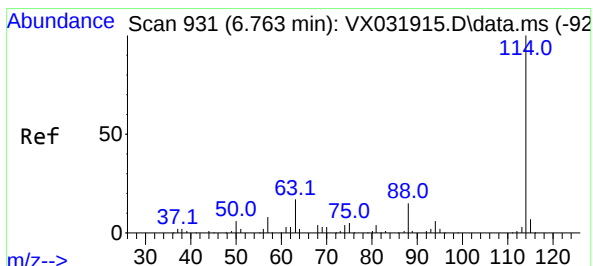
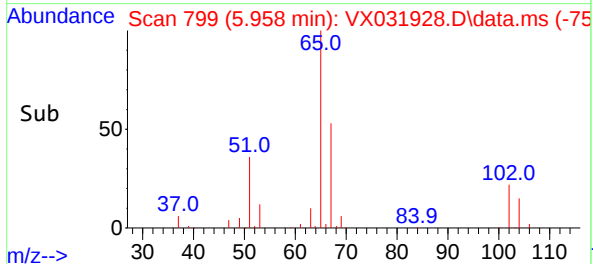
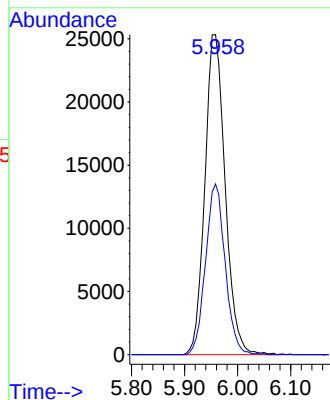
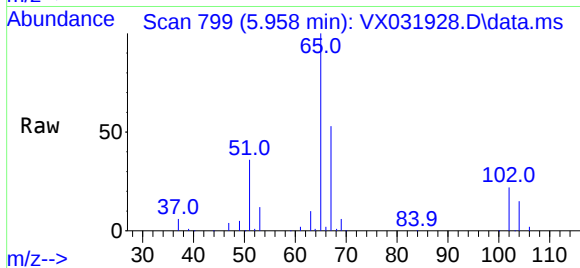
ClientSampleId :

Tgt Ion: 65 Resp: 67408

Ion Ratio Lower Upper

65 100

67 51.6 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: VX031928.D

Acq: 06 Oct 2022 19:19

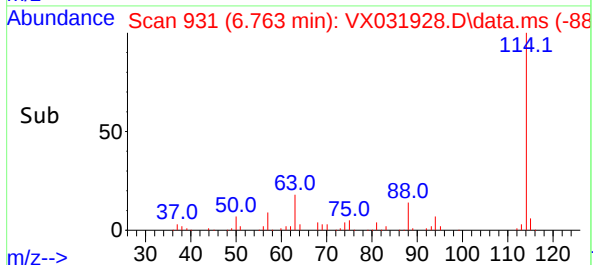
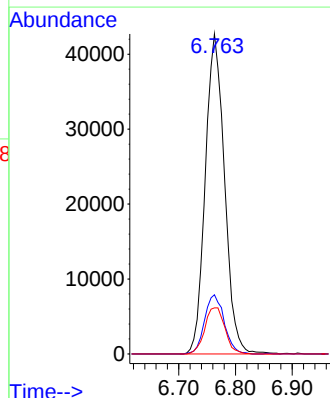
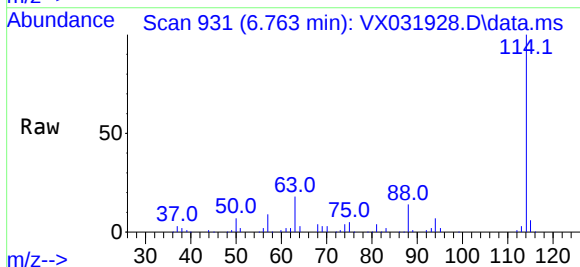
Tgt Ion: 114 Resp: 100559

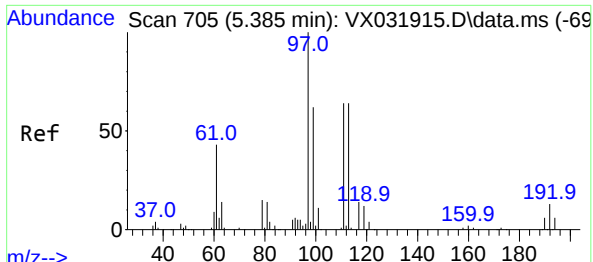
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

88 14.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.546 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

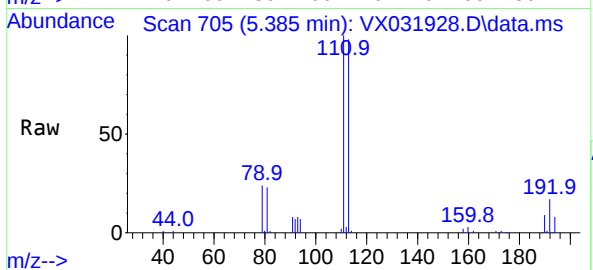
Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :



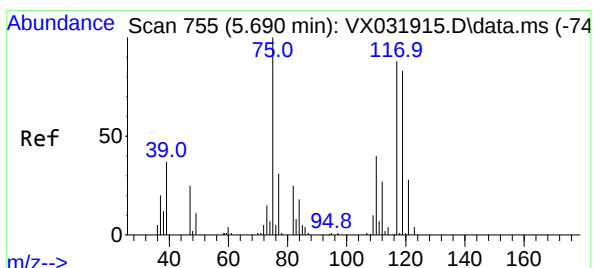
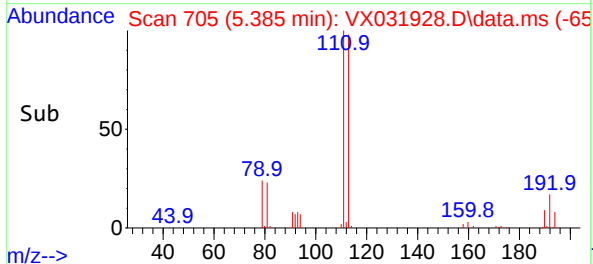
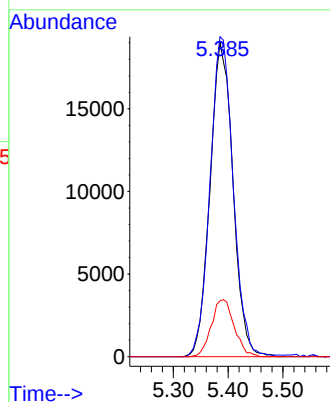
Tgt Ion:113 Resp: 55259

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.138 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

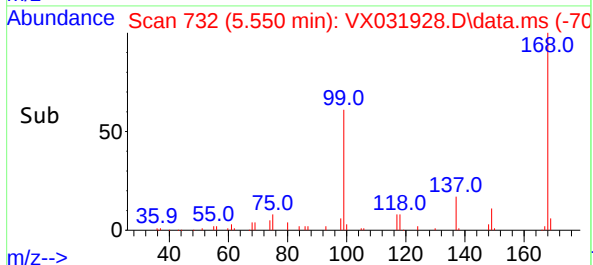
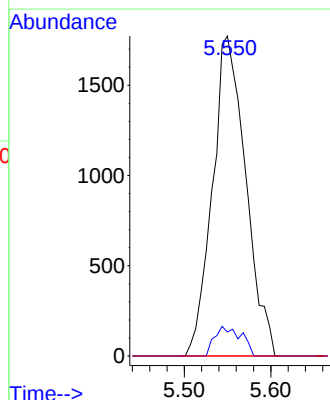
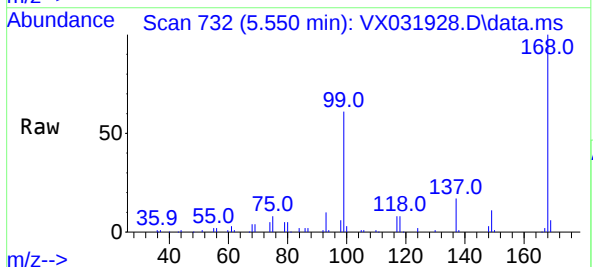
Tgt Ion: 75 Resp: 4737

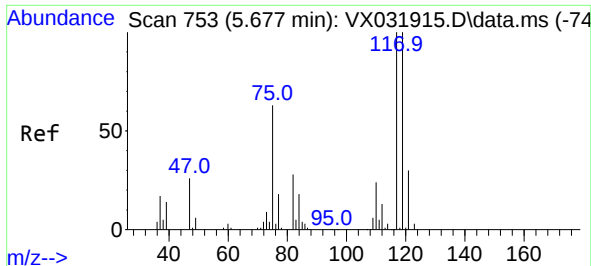
Ion Ratio Lower Upper

75 100

110 7.3 17.5 52.5#

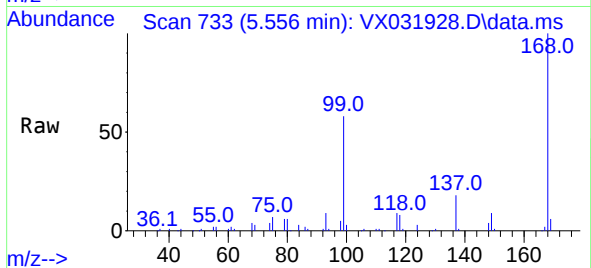
77 0.0 24.9 37.3#



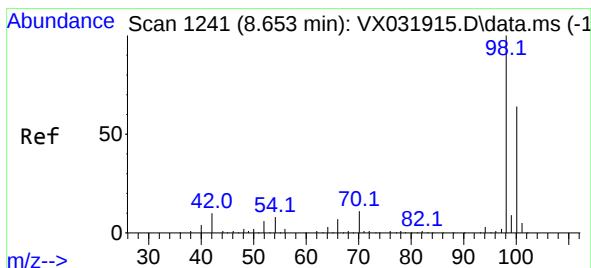
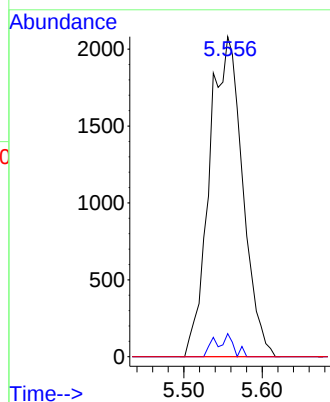
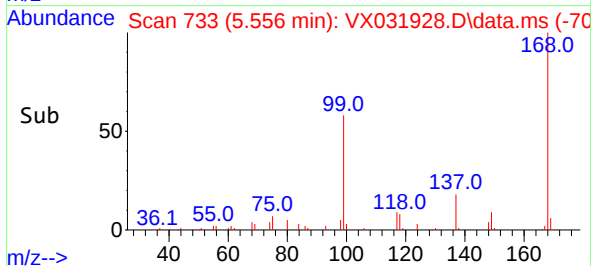


#38
Carbon Tetrachloride
Concen: 3.965 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :

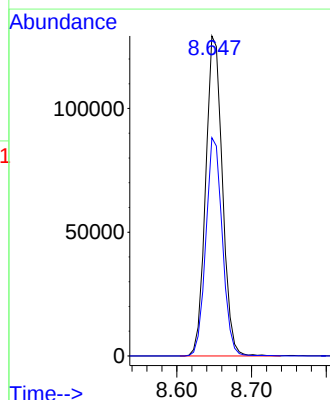
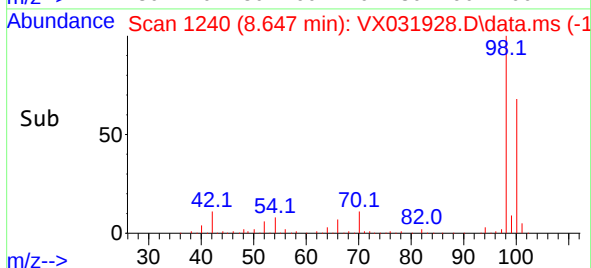
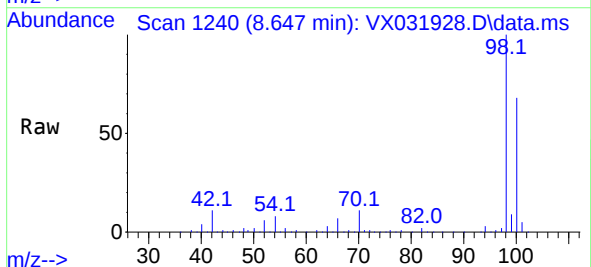


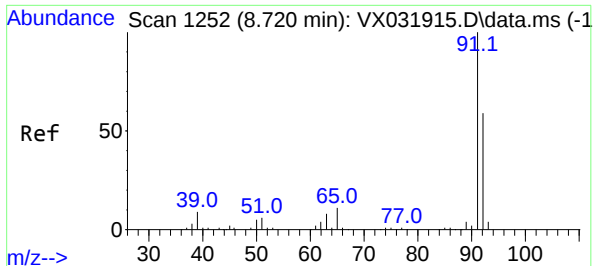
Tgt Ion:117 Resp: 6119
Ion Ratio Lower Upper
117 100
119 7.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Tgt Ion: 98 Resp: 200788
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#52

Toluene

Concen: 37.164 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_X

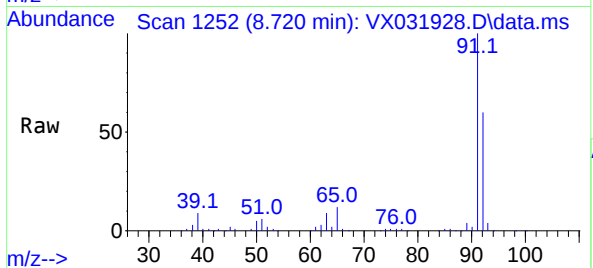
ClientSampleId :

Tgt Ion: 92 Resp: 107398

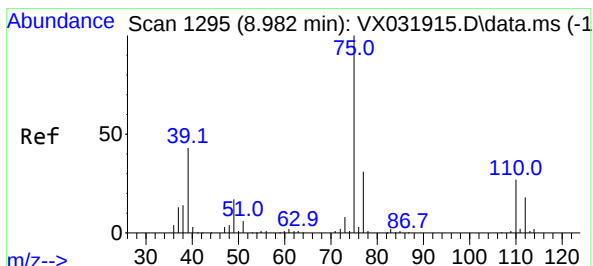
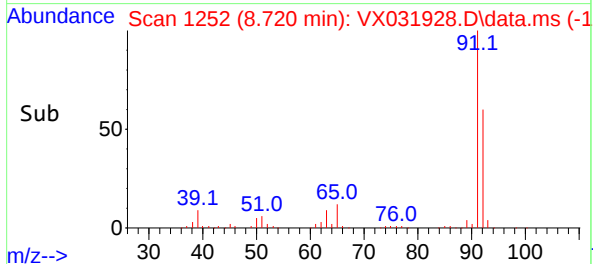
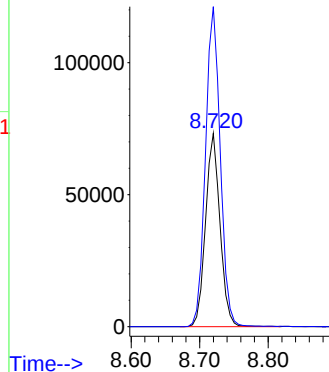
Ion Ratio Lower Upper

92 100

91 169.2 137.1 205.7



Abundance



#53

t-1,3-Dichloropropene

Concen: 1.898 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.262 min

Lab File: VX031928.D

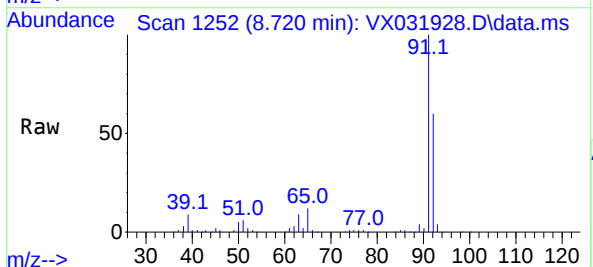
Acq: 06 Oct 2022 19:19

Tgt Ion: 75 Resp: 1108

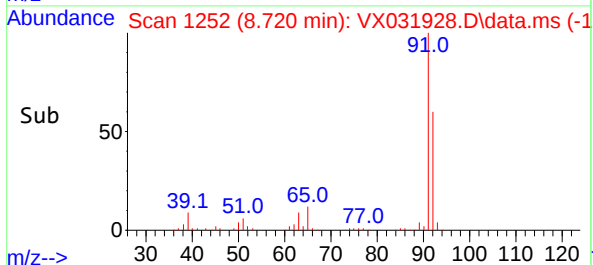
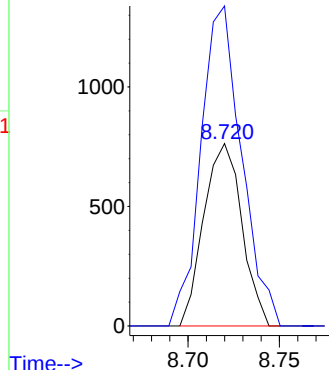
Ion Ratio Lower Upper

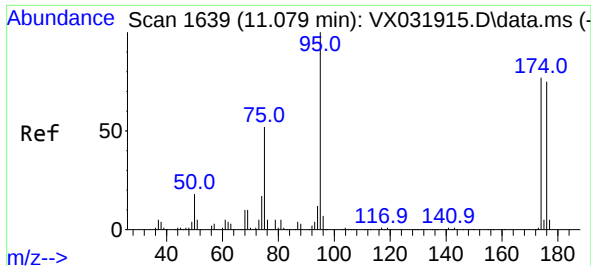
75 100

77 175.5 24.8 37.2#



Abundance





#62

4-Bromofluorobenzene

Concen: 48.163 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031928.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

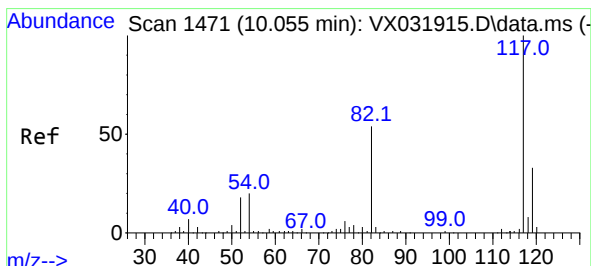
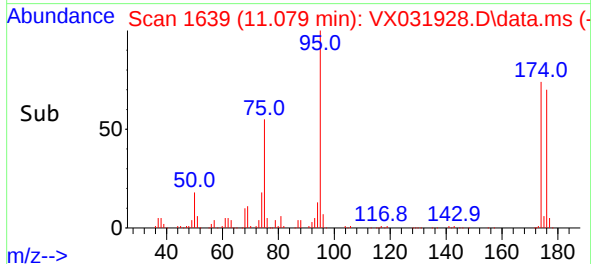
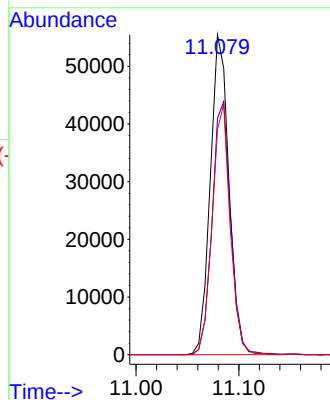
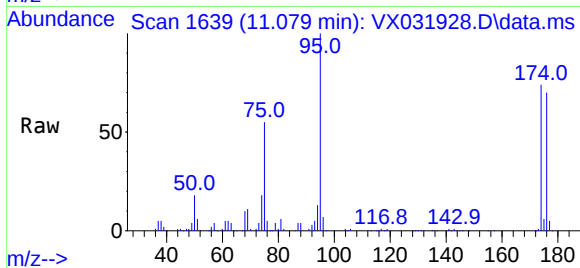
Tgt Ion: 95 Resp: 69741

Ion Ratio Lower Upper

95 100

174 78.8 0.0 153.2

176 75.5 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: VX031928.D

Acq: 06 Oct 2022 19:19

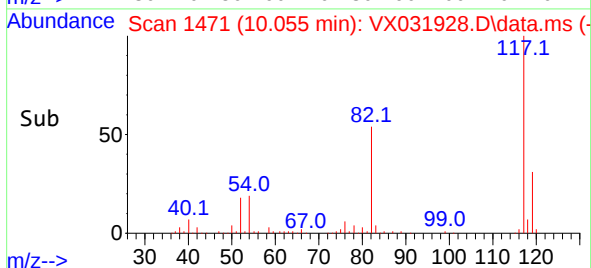
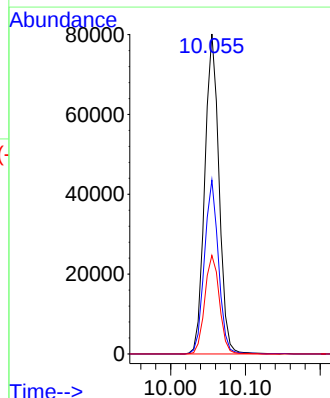
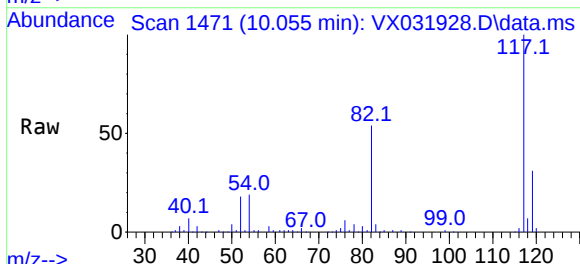
Tgt Ion: 117 Resp: 106214

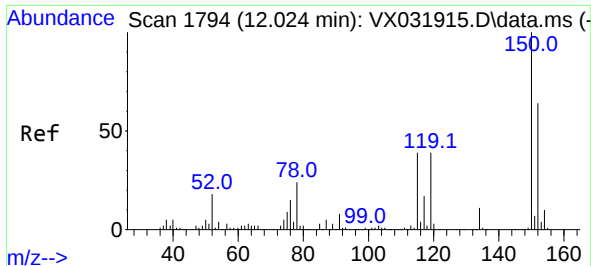
Ion Ratio Lower Upper

117 100

82 54.4 46.8 70.2

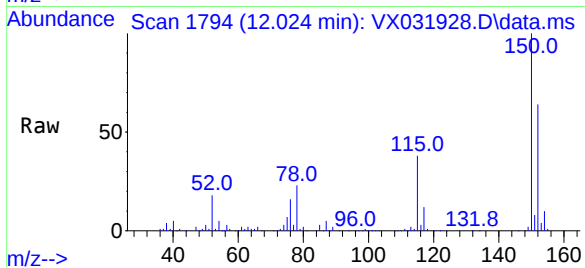
119 30.8 26.4 39.6



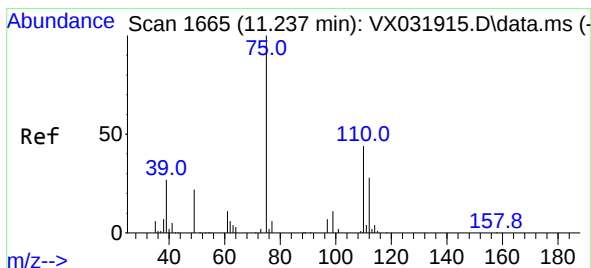
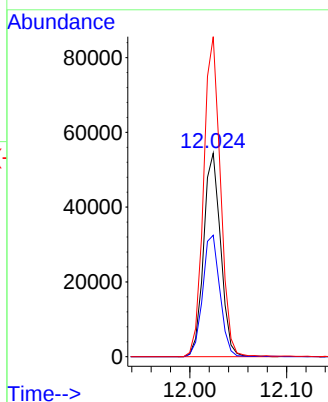
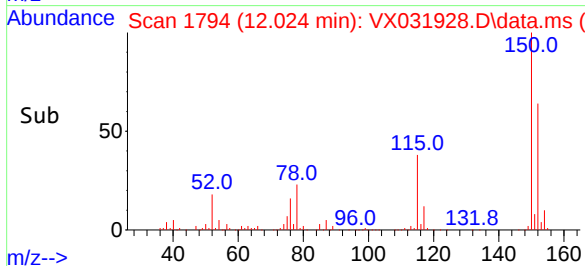


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :

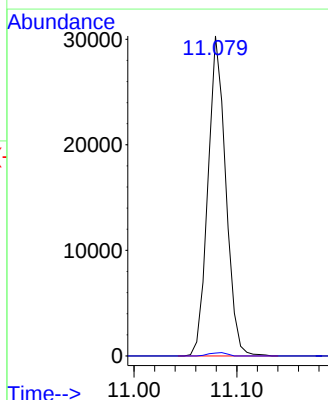
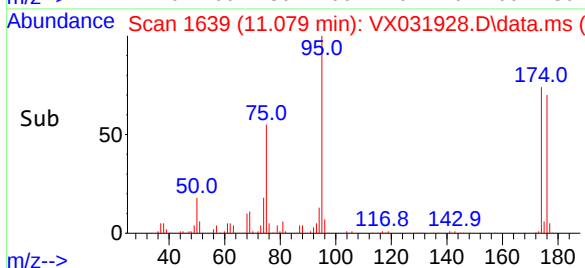
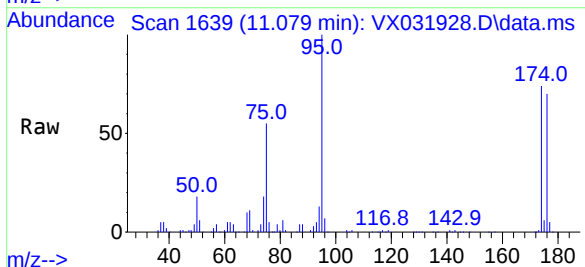


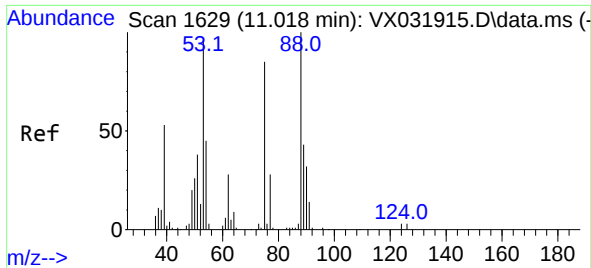
Tgt Ion:152 Resp: 66647
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 156.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

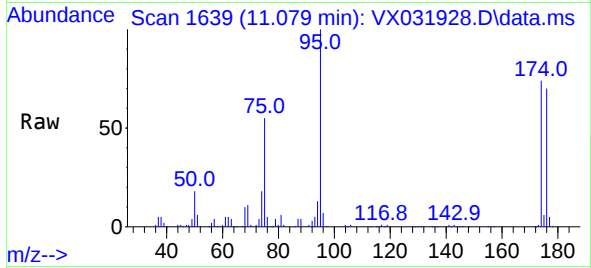
Tgt Ion: 75 Resp: 36481
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.555 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031928.D
Acq: 06 Oct 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 36481
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

