

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034913.D
 Acq On : 01 Apr 2023 09:15
 Operator : JC/MD
 Sample : 02159-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-1D

Quant Time: Apr 03 02:12:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

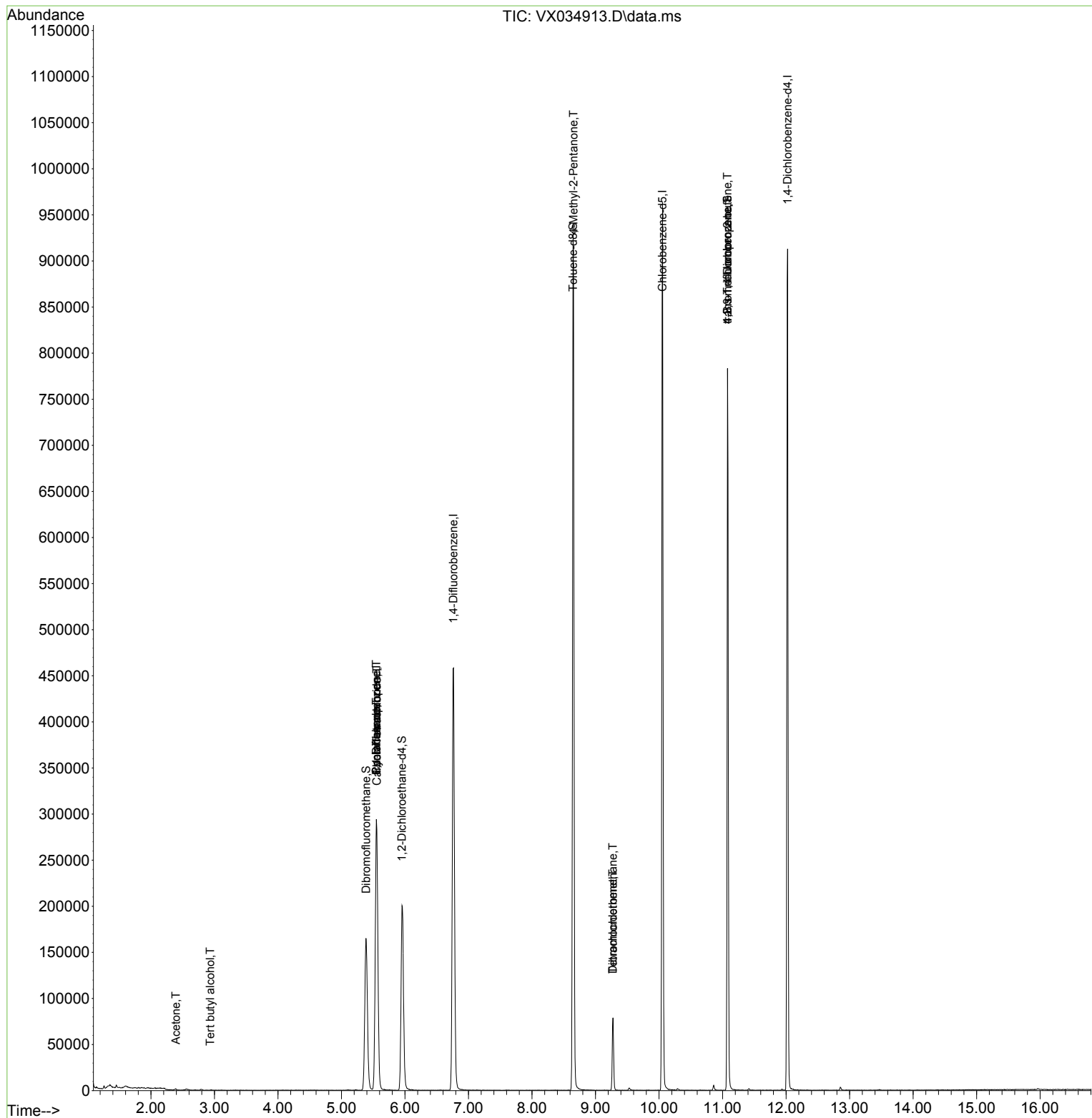
Internal Standards						
1) Pentafluorobenzene	5.550	168	261789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	202426	50.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.120%
35) Dibromofluoromethane	5.385	113	141931	47.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	8.647	98	542983	49.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	209384	49.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	152	0.216	ug/l #	73
16) Acetone	2.392	43	1455	0.895	ug/l	96
31) Cyclohexane	5.550	56	7064	1.449	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	22716	5.178	ug/l #	51
38) Carbon Tetrachloride	5.556	117	28437	6.876	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2768	0.609	ug/l #	1
60) Dibromochloromethane	9.275	129	14664	4.954	ug/l #	10
64) Tetrachloroethene	9.275	164	14571	4.968	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	113590	30.433	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	113590	91.206	ug/l #	8

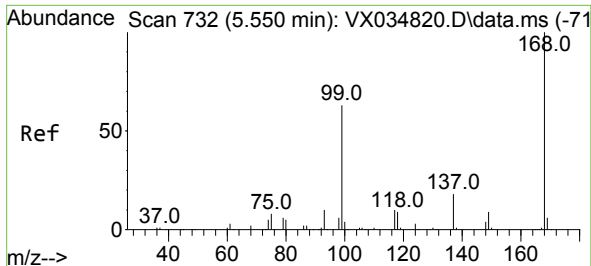
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
Data File : VX034913.D
Acq On : 01 Apr 2023 09:15
Operator : JC/MD
Sample : 02159-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MP-1D

Quant Time: Apr 03 02:12:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

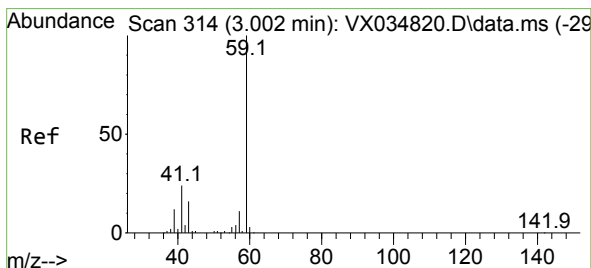
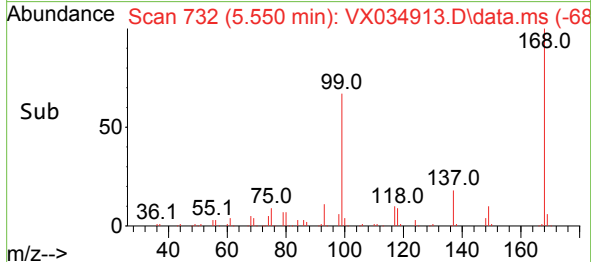
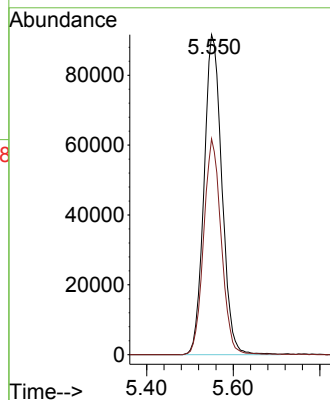
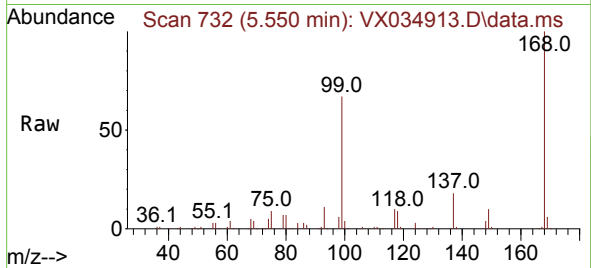




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

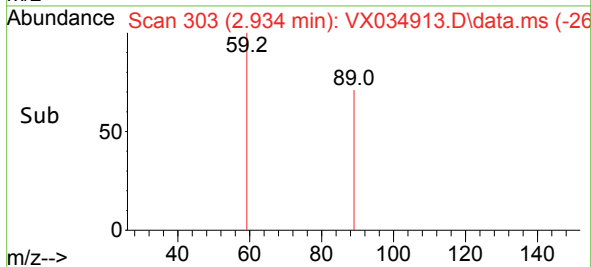
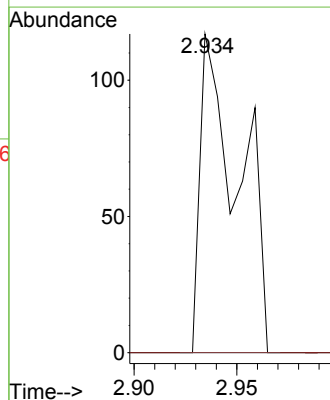
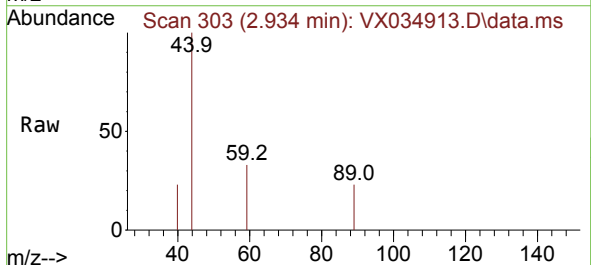
Instrument :
MSVOA_X
ClientSampleId :
MP-1D

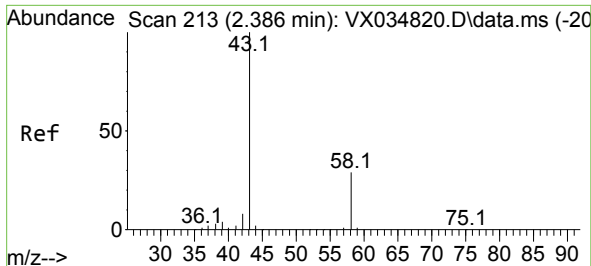
Tgt Ion:168 Resp: 261789
Ion Ratio Lower Upper
168 100
99 67.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.216 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.067 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 0.895 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034913.D

Acq: 01 Apr 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

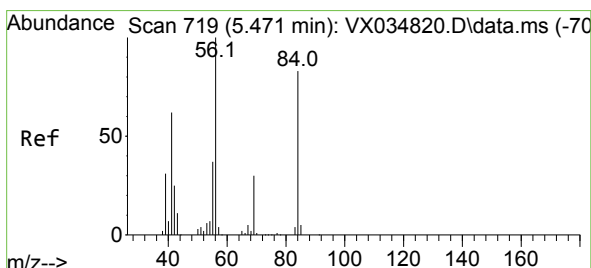
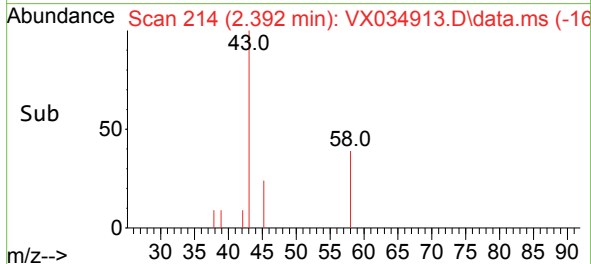
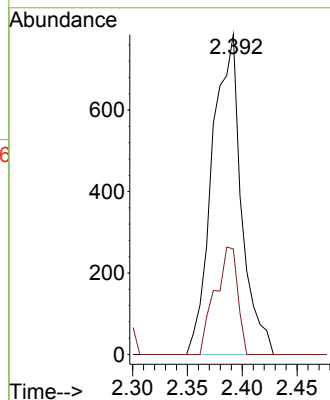
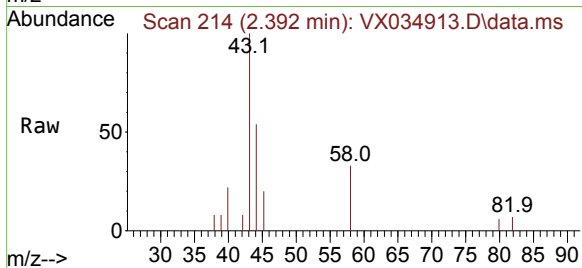
MP-1D

Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

58 33.0 24.7 37.1



#31

Cyclohexane

Concen: 1.449 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034913.D

Acq: 01 Apr 2023 09:15

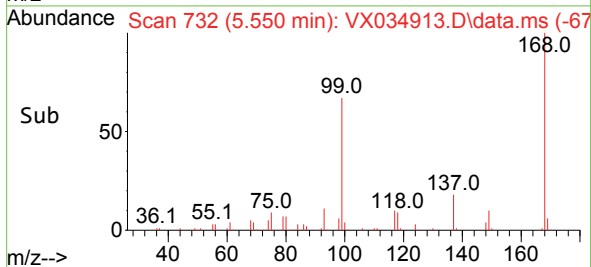
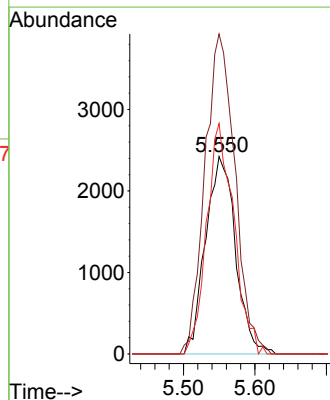
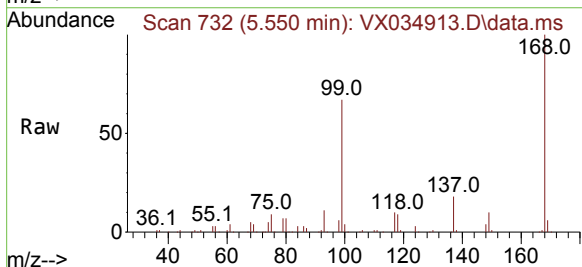
Tgt Ion: 56 Resp: 7064

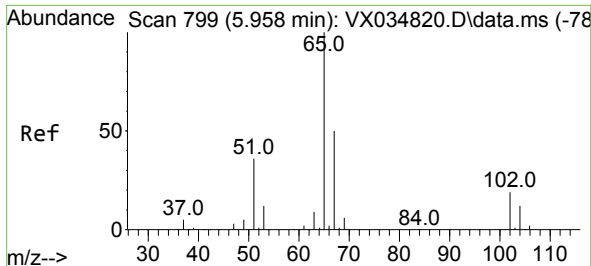
Ion Ratio Lower Upper

56 100

69 162.1 23.7 35.5#

84 116.8 68.5 102.7#

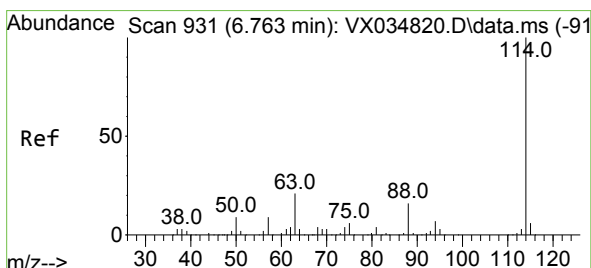
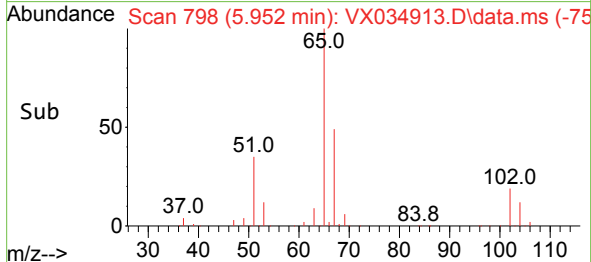
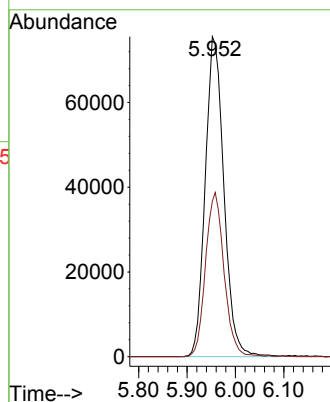
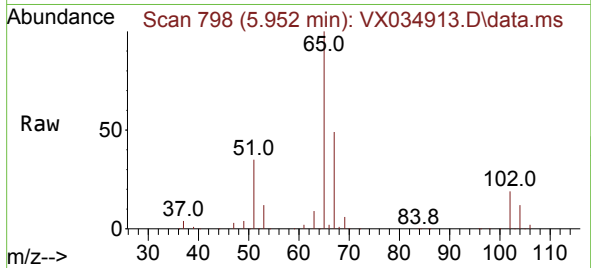




#33
1,2-Dichloroethane-d4
Concen: 50.560 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

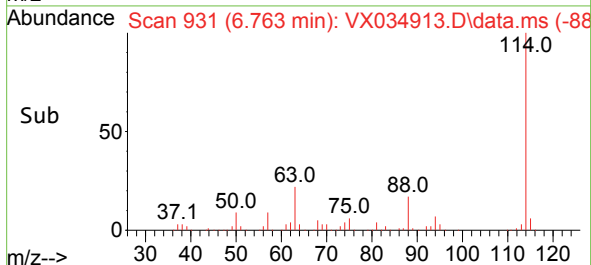
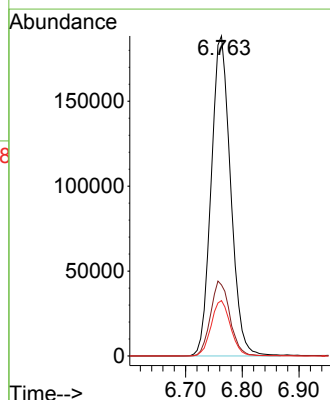
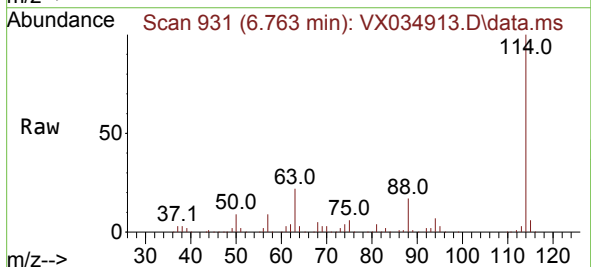
Instrument :
MSVOA_X
ClientSampleId :
MP-1D

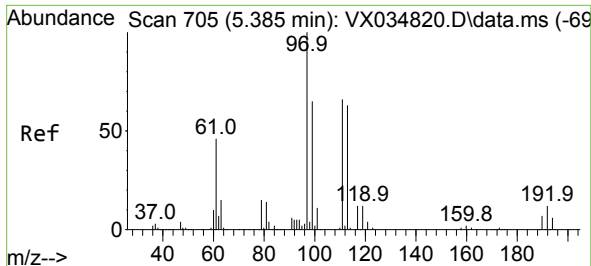
Tgt Ion: 65 Resp: 202426
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion: 114 Resp: 447657
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 17.3 0.0 33.2

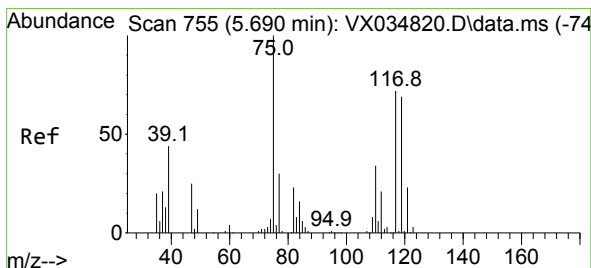
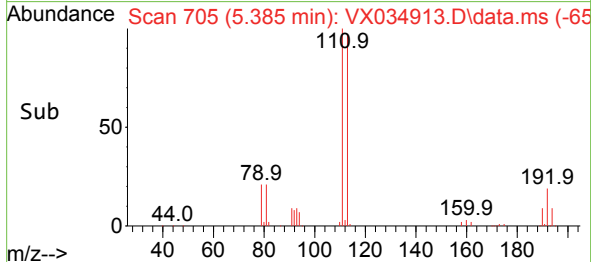
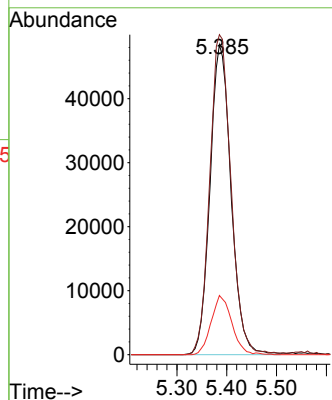
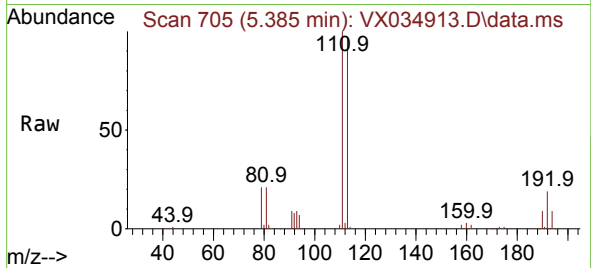




#35
Dibromofluoromethane
Concen: 47.935 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

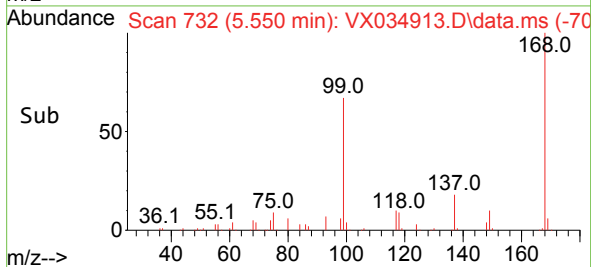
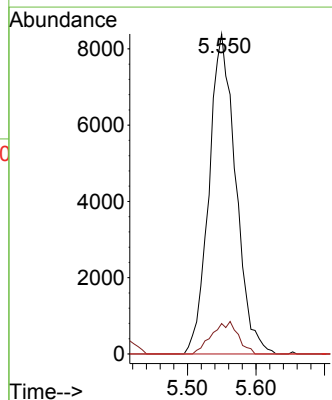
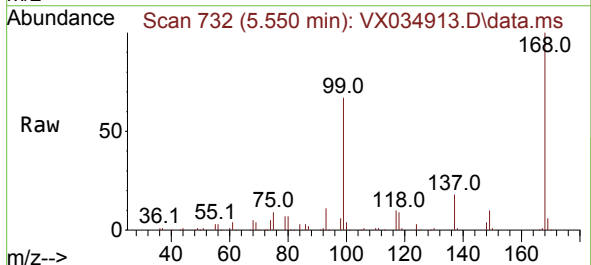
Instrument :
MSVOA_X
ClientSampleId :
MP-1D

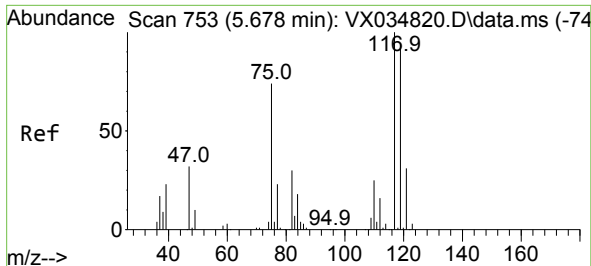
Tgt Ion:113 Resp: 141931
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

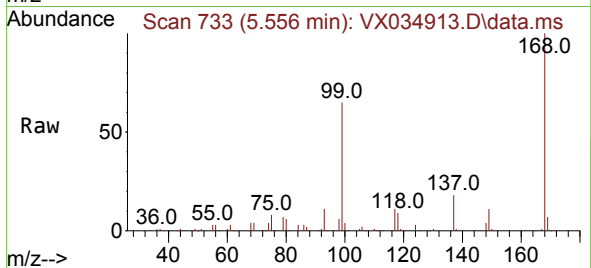
Tgt Ion: 75 Resp: 22716
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



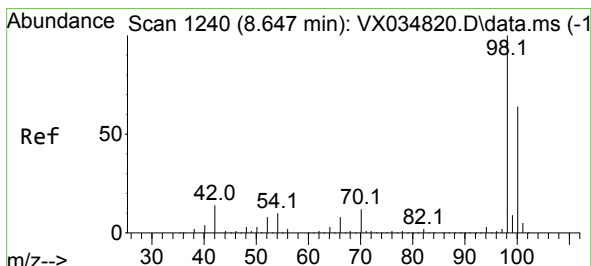
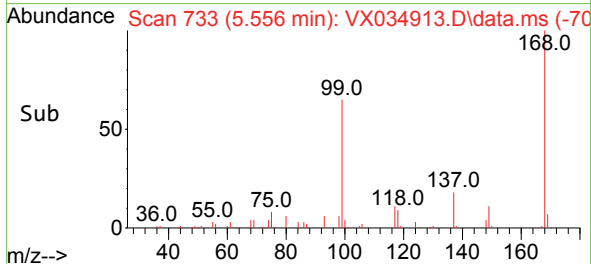
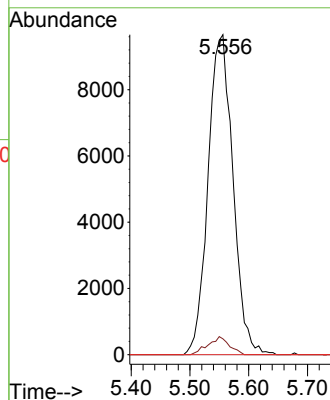


#38
Carbon Tetrachloride
Concen: 6.876 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
MP-1D

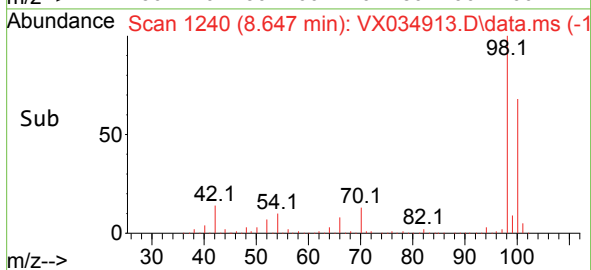
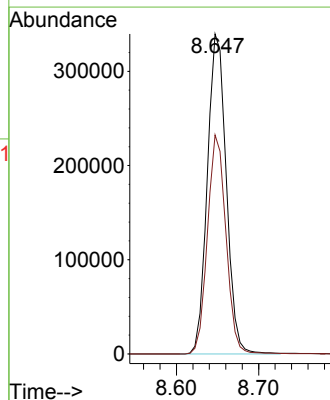
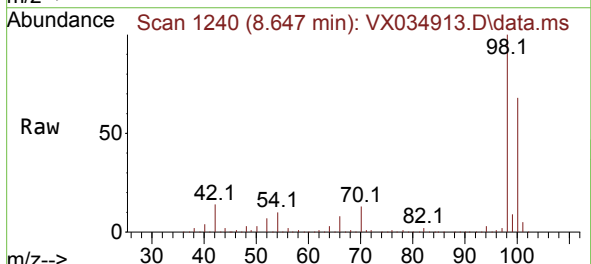


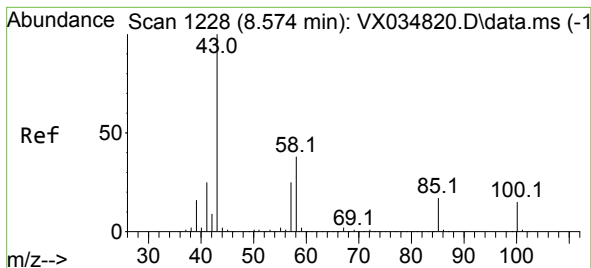
Tgt Ion:117 Resp: 28437
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.684 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion: 98 Resp: 542983
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

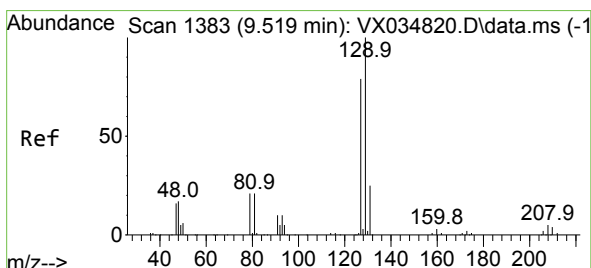
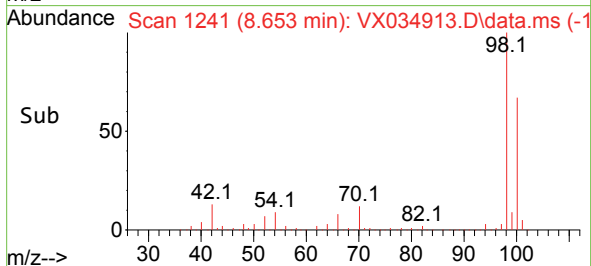
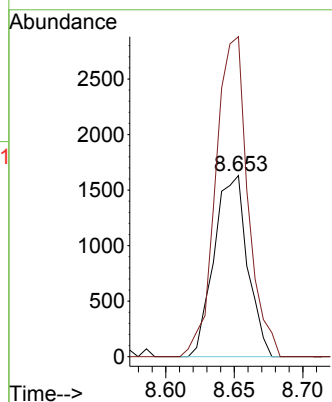
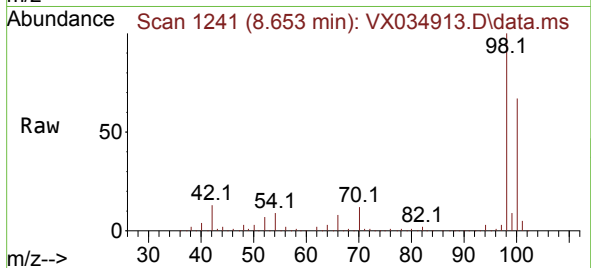




#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

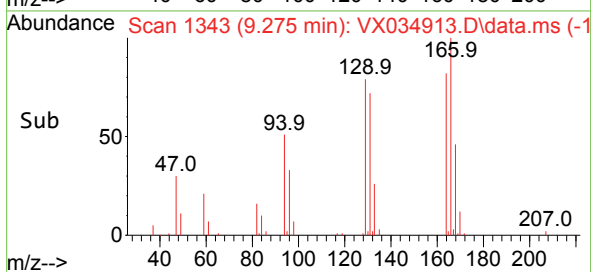
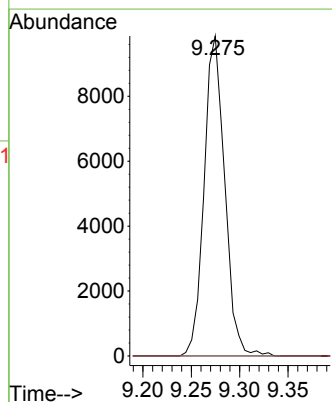
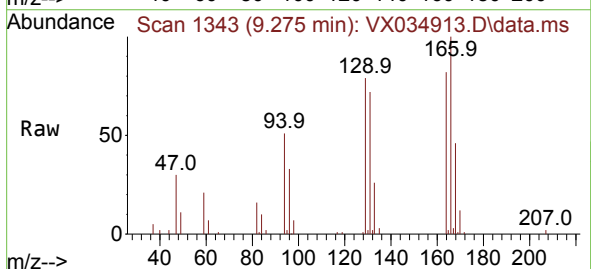
Instrument :
MSVOA_X
ClientSampleId :
MP-1D

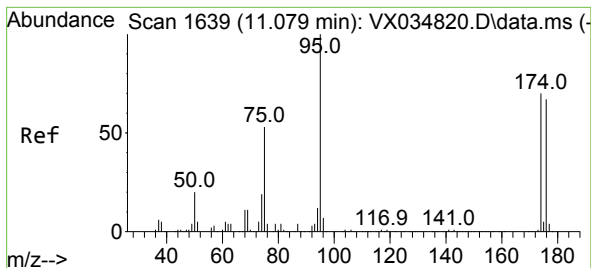
Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 170.0 30.6 46.0#



#60
Dibromochloromethane
Concen: 4.954 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion: 129 Resp: 14664
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

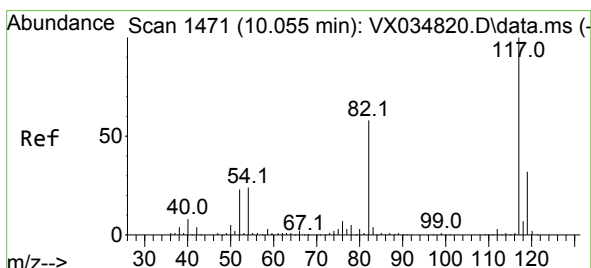
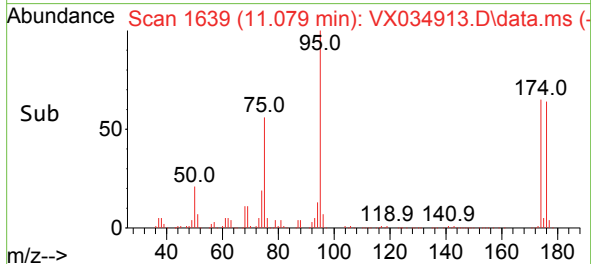
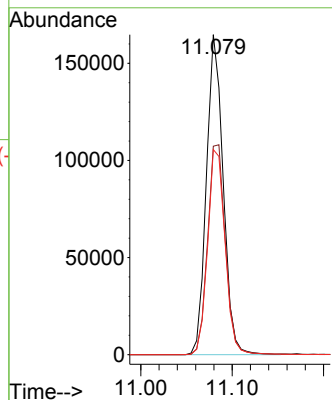
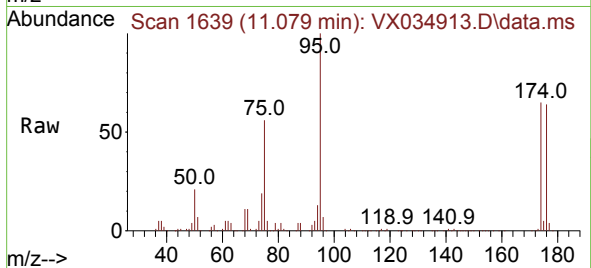




#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

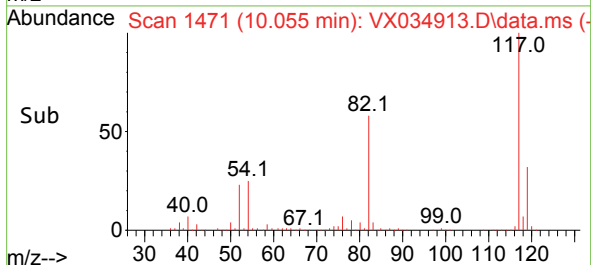
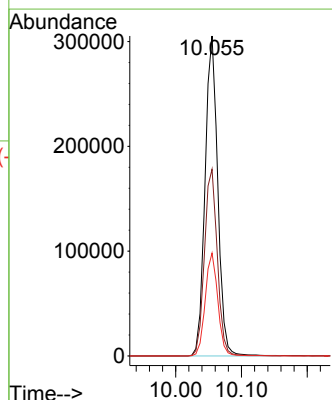
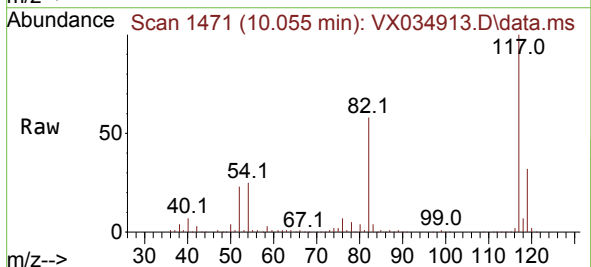
Instrument :
MSVOA_X
ClientSampleId :
MP-1D

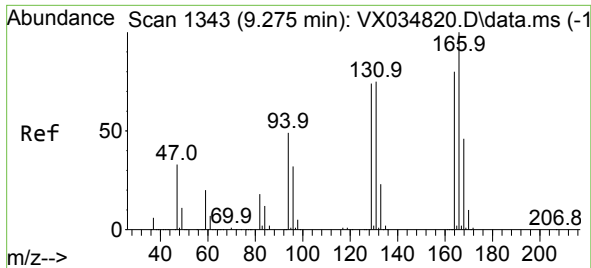
Tgt Ion: 95 Resp: 209384
Ion Ratio Lower Upper
95 100
174 69.6 0.0 147.4
176 66.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion: 117 Resp: 409819
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 32.1 26.0 39.0



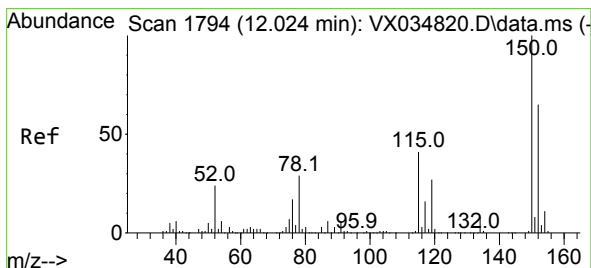
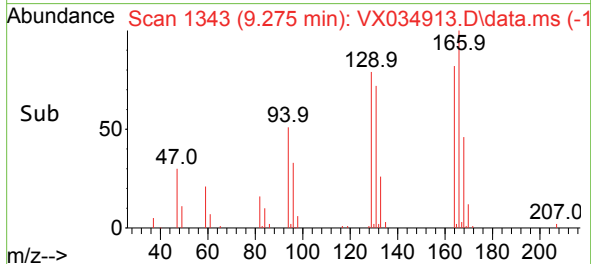
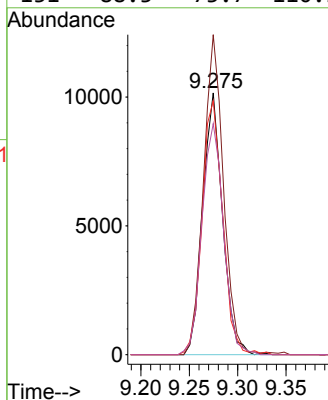
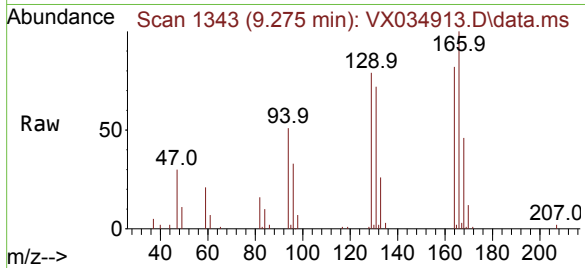


#64
Tetrachloroethene
Concen: 4.968 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
MP-1D

Tgt Ion:164 Resp: 14571

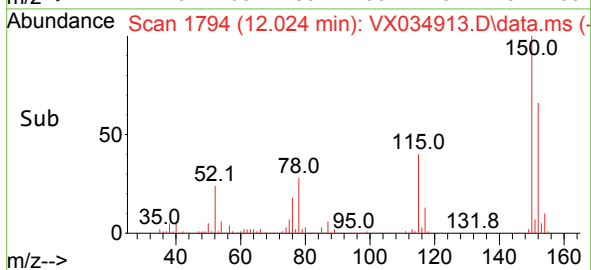
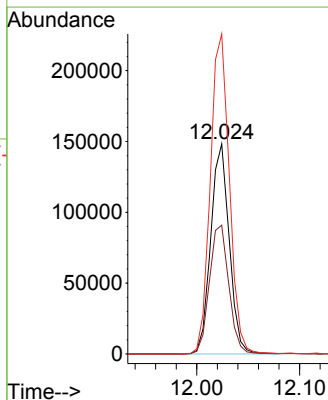
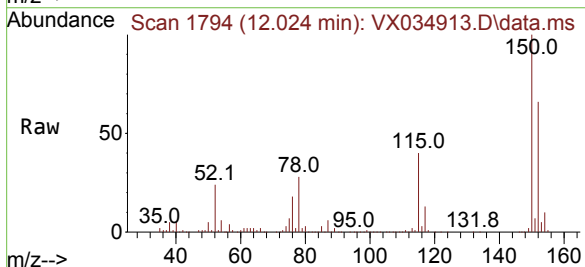
Ion	Ratio	Lower	Upper
164	100		
166	122.3	102.7	154.1
129	97.0	75.6	113.4
131	88.3	73.7	110.5

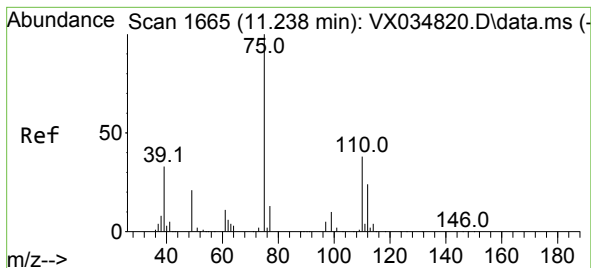


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034913.D
Acq: 01 Apr 2023 09:15

Tgt Ion:152 Resp: 185240

Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.0	135.0
150	156.5	0.0	352.4





#76

1,2,3-Trichloropropane

Concen: 30.433 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034913.D

Acq: 01 Apr 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

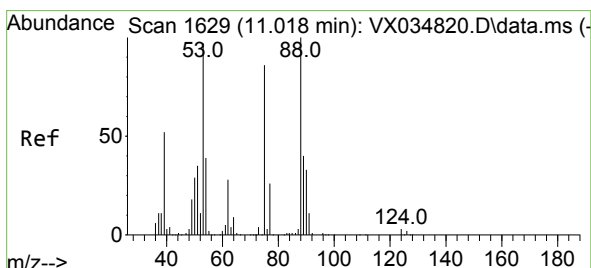
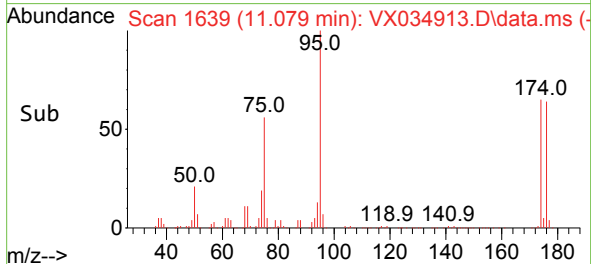
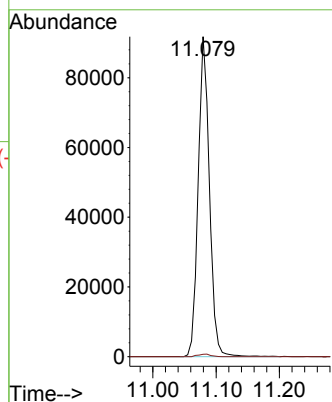
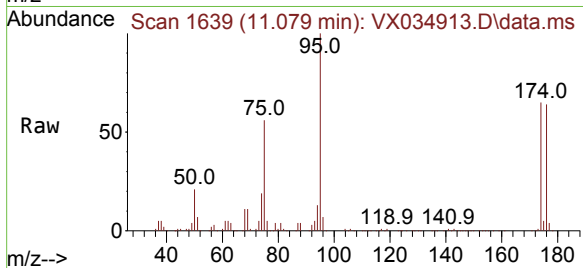
MP-1D

Tgt Ion: 75 Resp: 113590

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.206 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034913.D

Acq: 01 Apr 2023 09:15

Tgt Ion: 75 Resp: 113590

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

