

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034713.D
 Acq On : 24 Mar 2023 11:07
 Operator : JC/MD
 Sample : VX0324WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

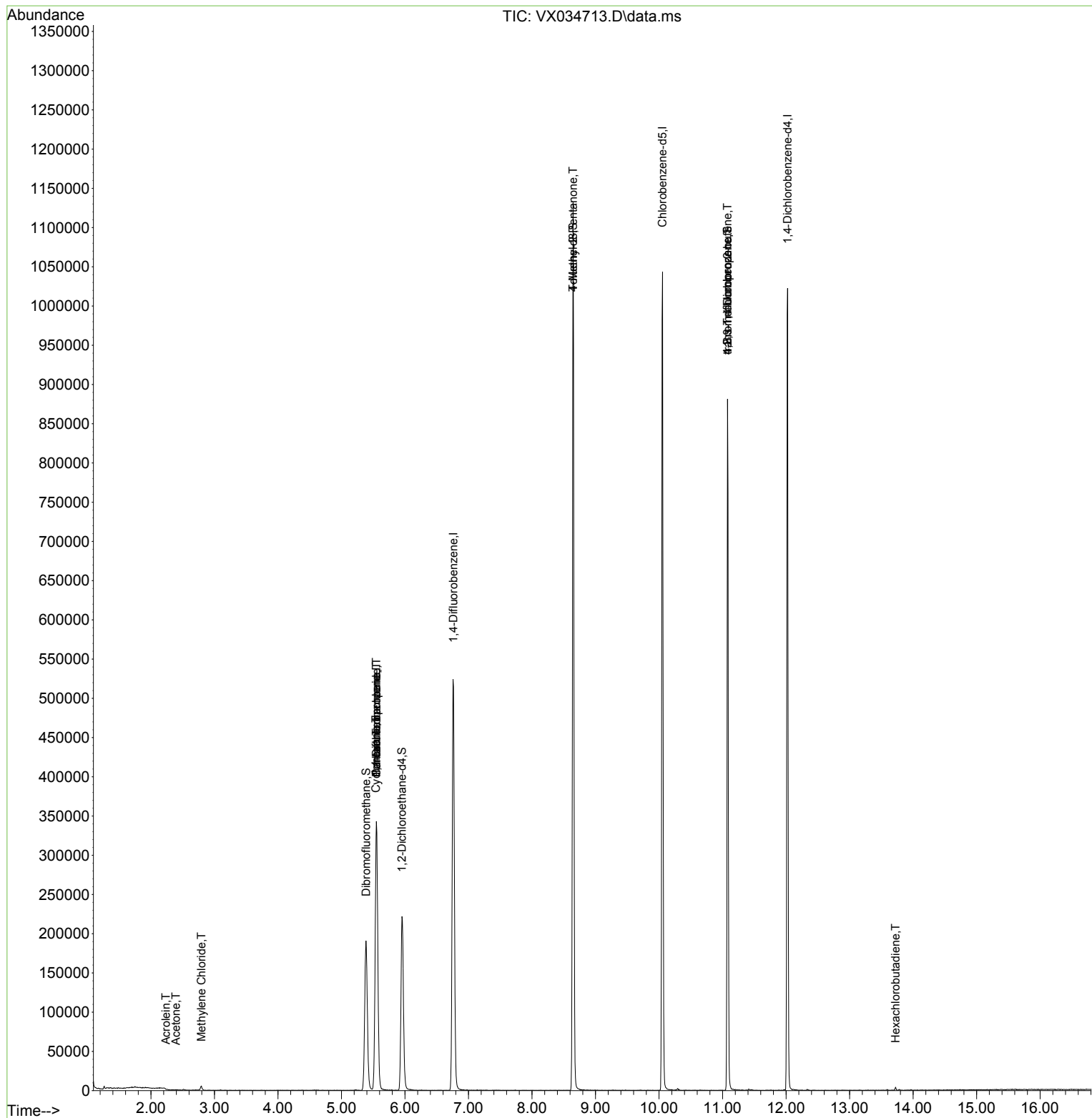
Internal Standards						
1) Pentafluorobenzene	5.550	168	312686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227359	49.981	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.960%
35) Dibromofluoromethane	5.385	113	167556	47.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	8.647	98	628082	48.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.079	95	239261	45.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	522	Below Cal	#	87
13) Acrolein	2.233	56	202	0.270	ug/l #	48
16) Acetone	2.392	43	439	0.205	ug/l #	44
20) Methylene Chloride	2.794	84	2375	0.571	ug/l	95
31) Cyclohexane	5.544	56	7828	1.227	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	26771	4.992	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33718	6.321	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3259	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	127001	25.936	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	127001	70.164	ug/l #	8
94) Hexachlorobutadiene	13.725	225	674	0.357	ug/l	80

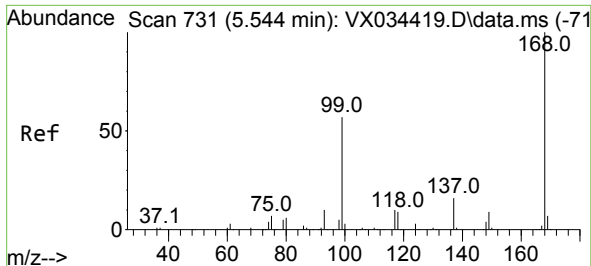
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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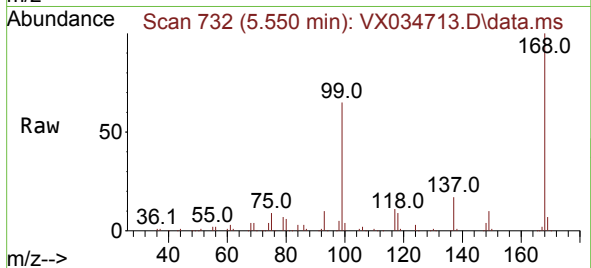
Quant Time: Mar 27 01:27:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



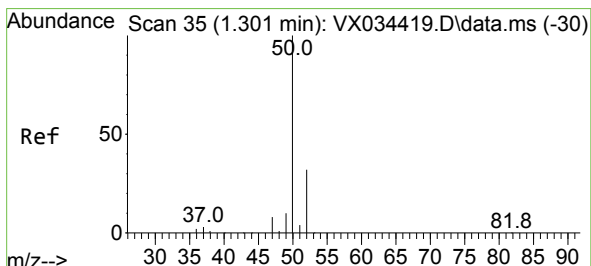
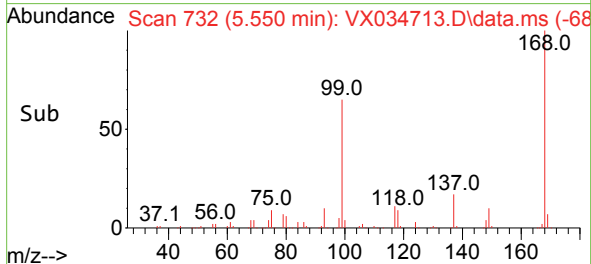
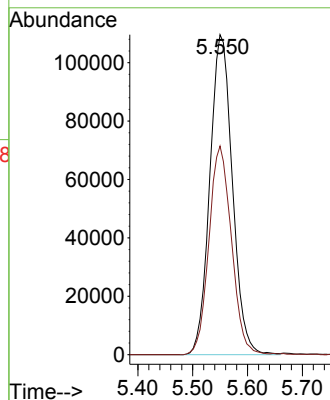


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :

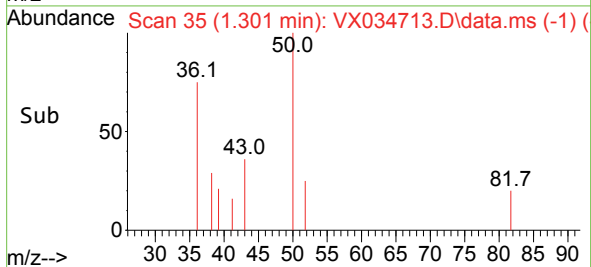
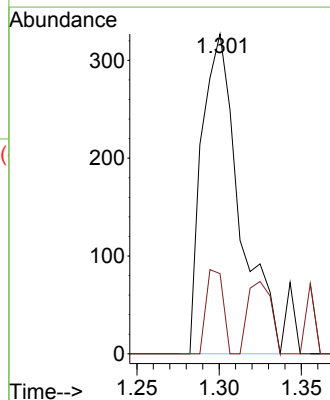
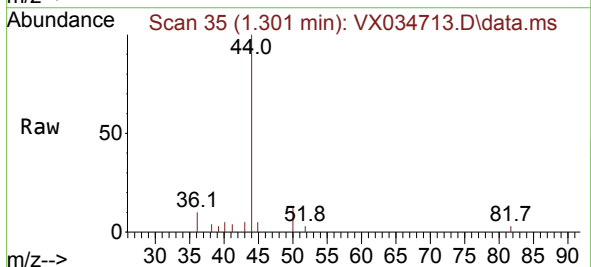


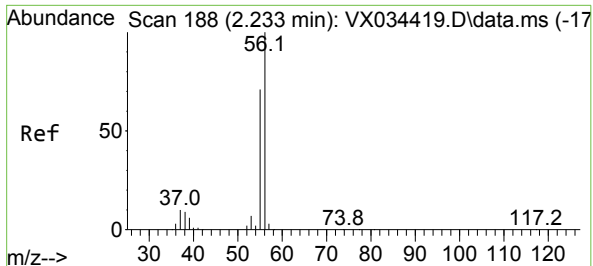
Tgt Ion:168 Resp: 312686
Ion Ratio Lower Upper
168 100
99 65.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 25.1 25.9 38.9#

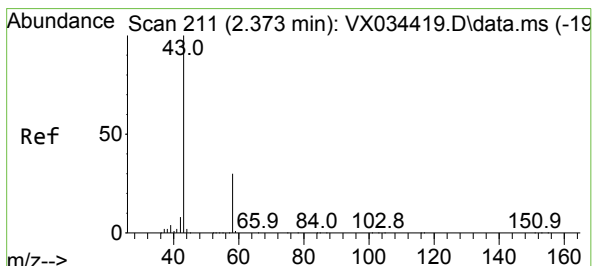
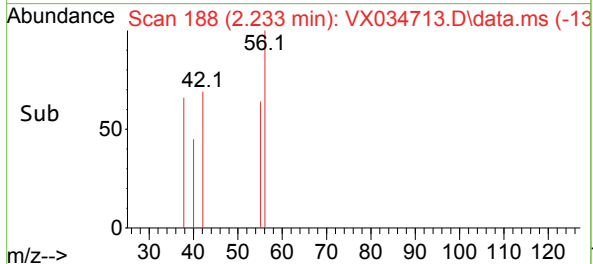
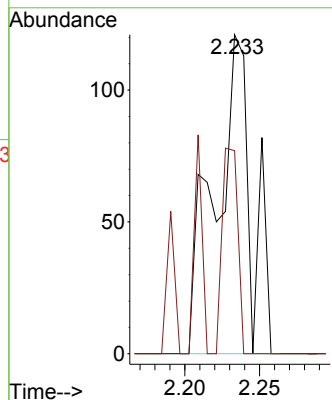
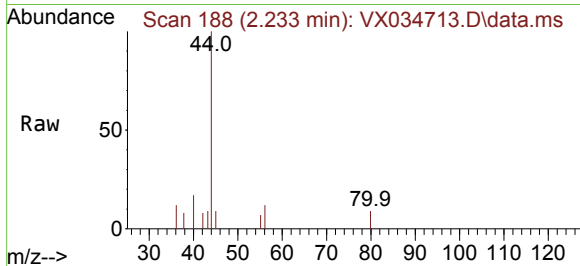




#13
Acrolein
Concen: 0.270 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

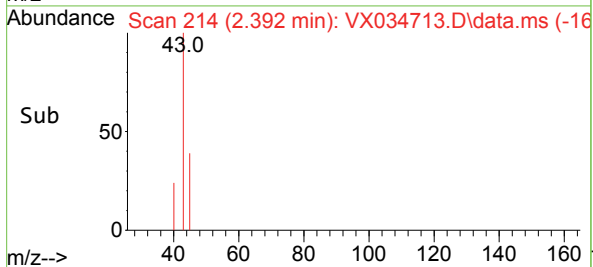
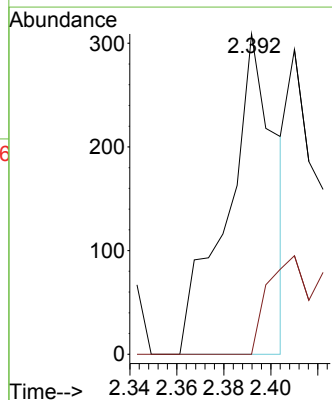
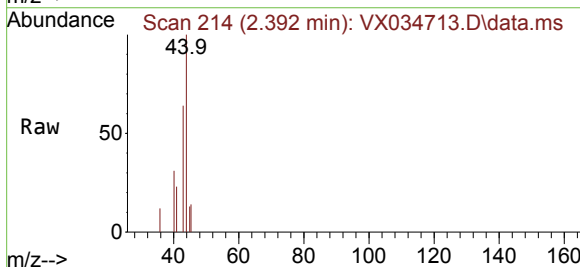
Instrument :
MSVOA_X
ClientSampleId :

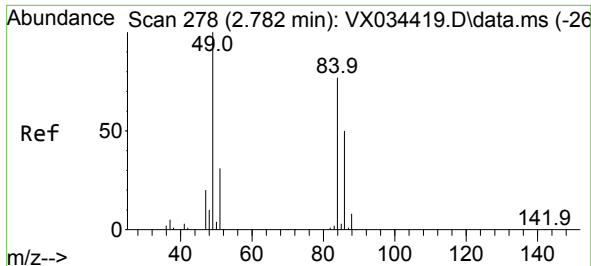
Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 28.2 56.6 85.0#



#16
Acetone
Concen: 0.205 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

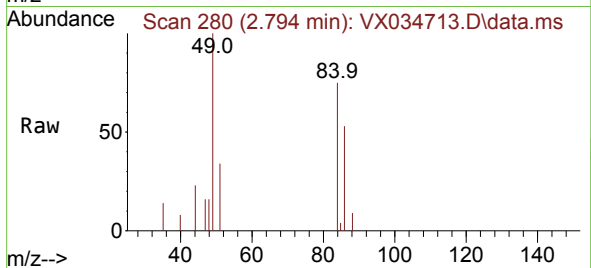
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



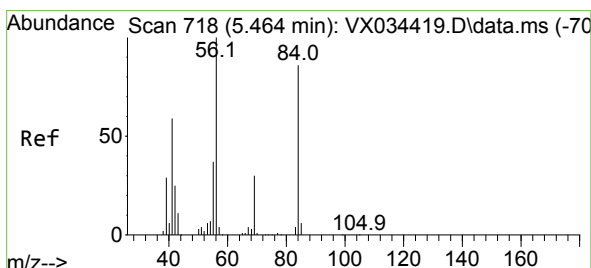
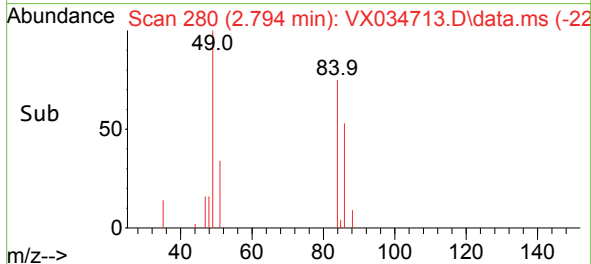
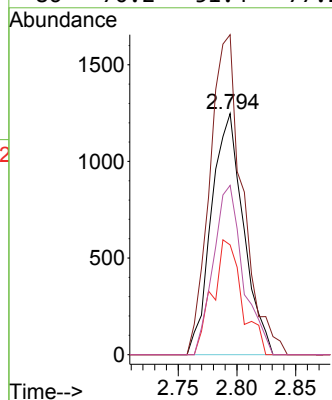


#20
Methylene Chloride
Concen: 0.571 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :

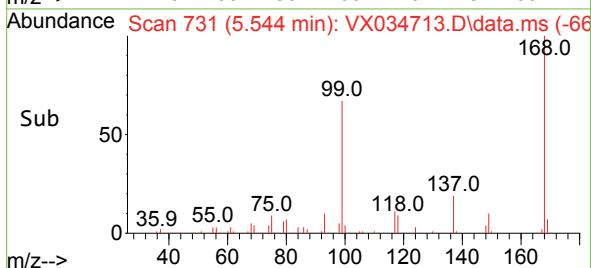
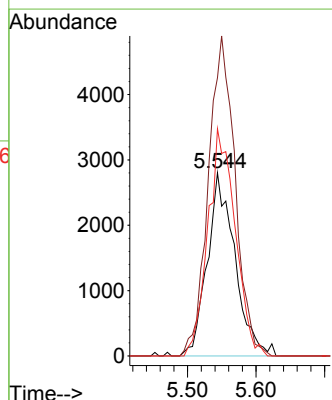
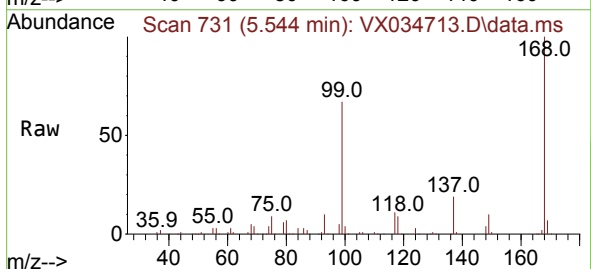


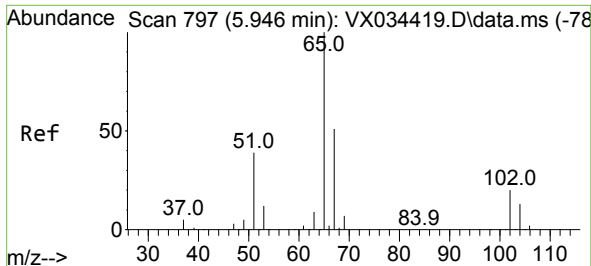
Tgt Ion:	84	Resp:	2375
Ion	Ratio	Lower	Upper
84	100		
49	132.7	103.8	155.8
51	45.5	31.8	47.8
86	70.2	51.4	77.2



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Tgt Ion:	56	Resp:	7828
Ion	Ratio	Lower	Upper
56	100		
69	151.9	23.7	35.5#
84	124.0	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.981 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034713.D

Acq: 24 Mar 2023 11:07

Instrument :

MSVOA_X

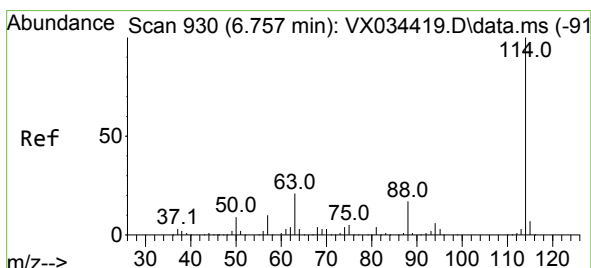
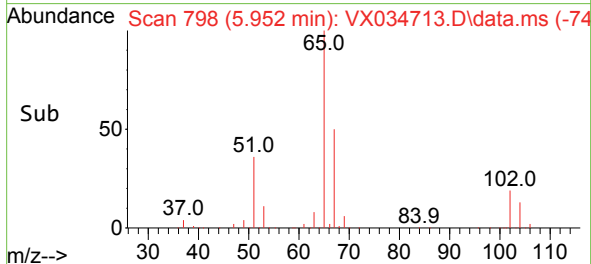
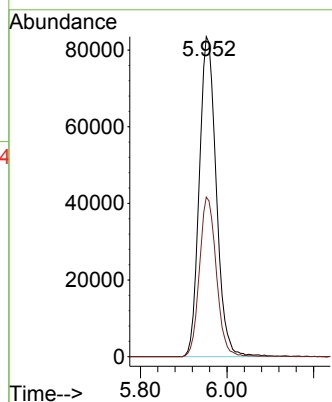
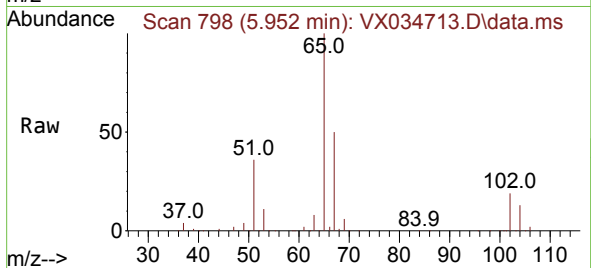
ClientSampleId :

Tgt Ion: 65 Resp: 227359

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034713.D

Acq: 24 Mar 2023 11:07

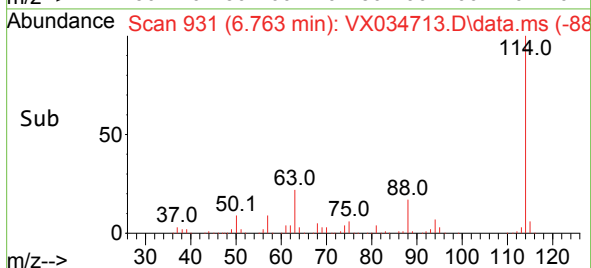
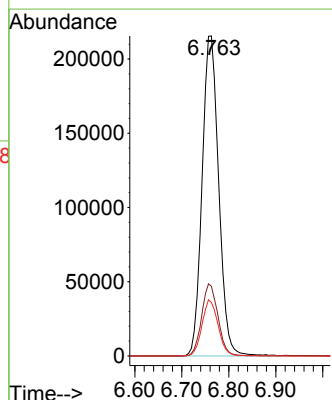
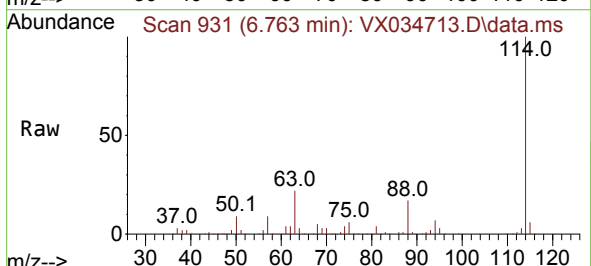
Tgt Ion: 114 Resp: 528791

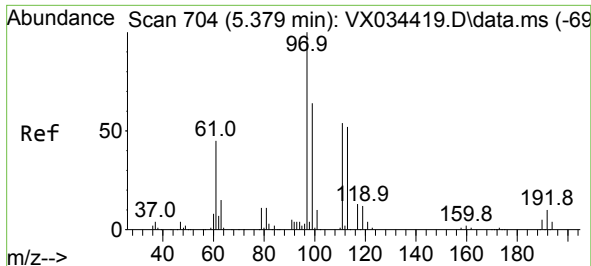
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

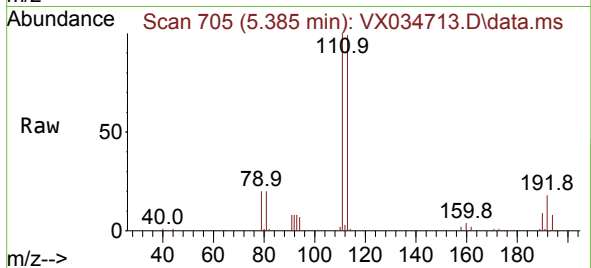
88 16.7 0.0 33.2



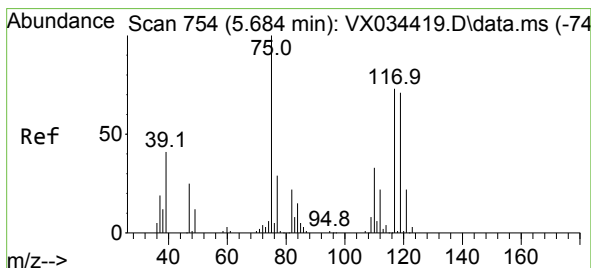
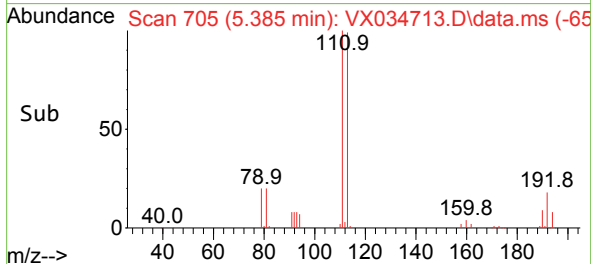
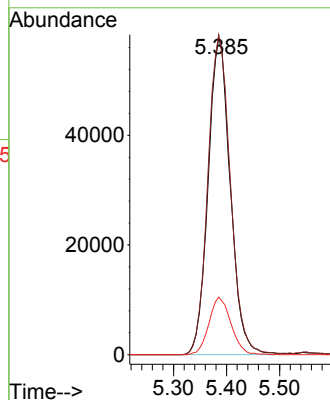


#35
Dibromofluoromethane
Concen: 47.992 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :

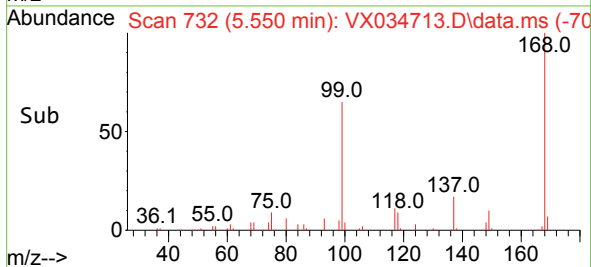
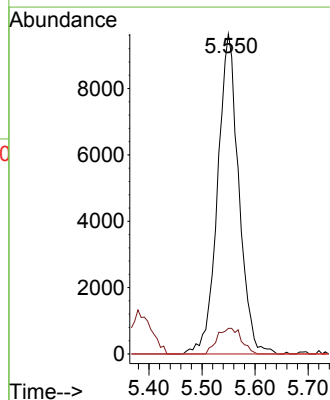
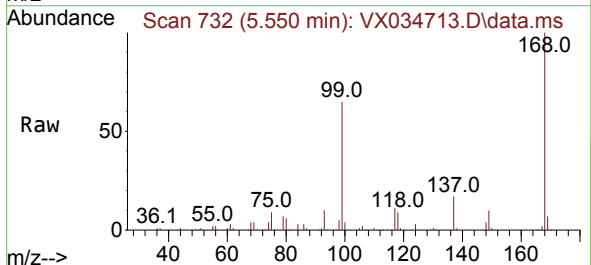


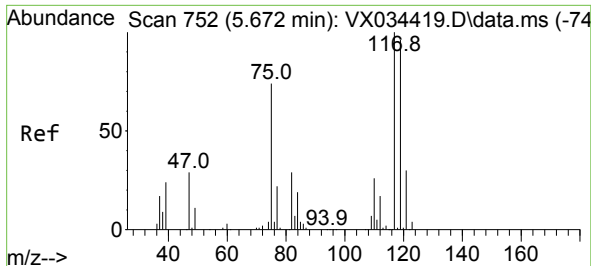
Tgt Ion:113 Resp: 167556
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.992 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

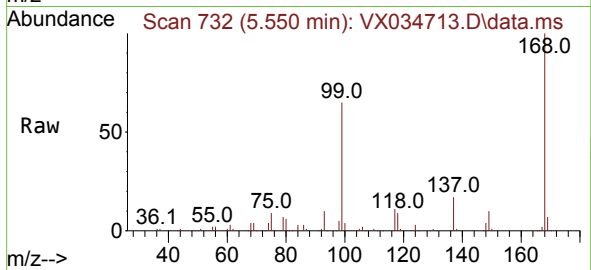
Tgt Ion: 75 Resp: 26771
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



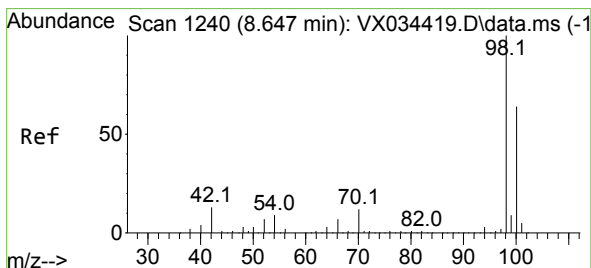
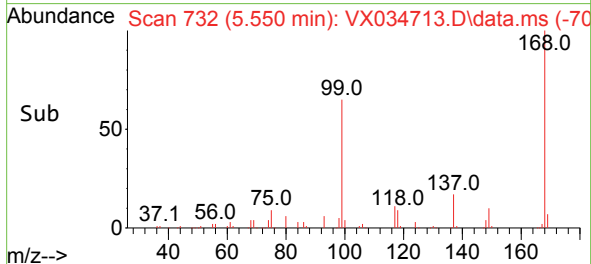
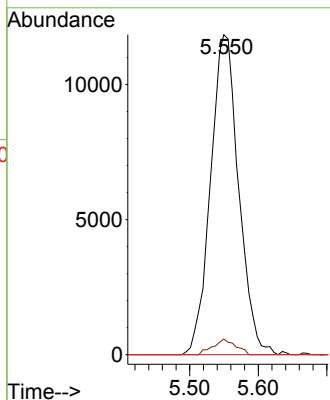


#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :

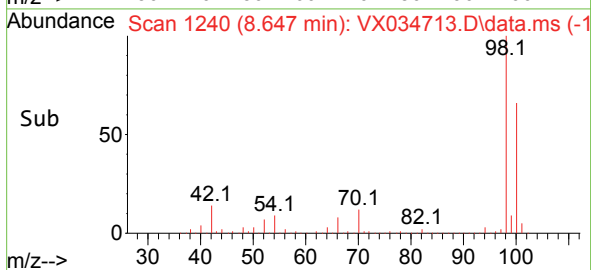
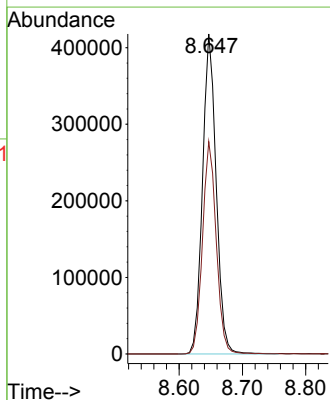
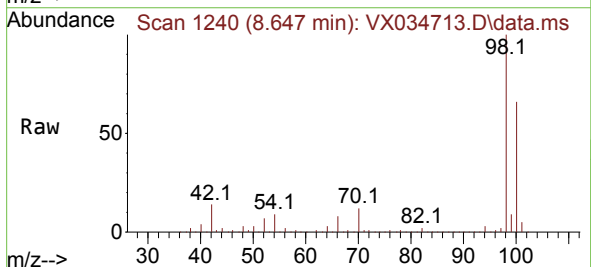


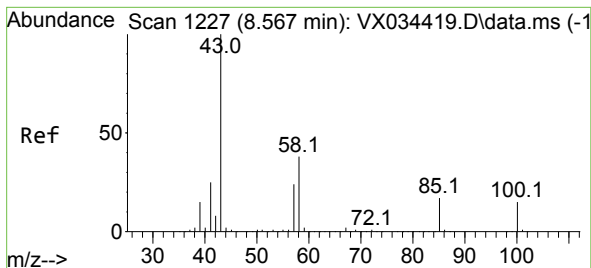
Tgt Ion:117 Resp: 33718
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.190 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Tgt Ion: 98 Resp: 628082
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.566 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX034713.D

Acq: 24 Mar 2023 11:07

Instrument :

MSVOA_X

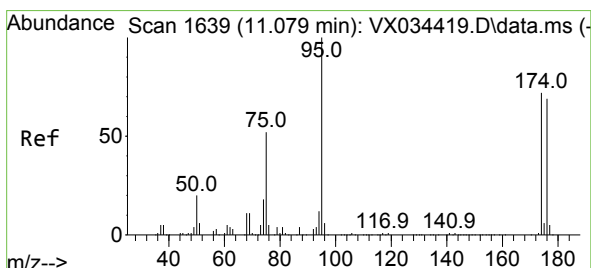
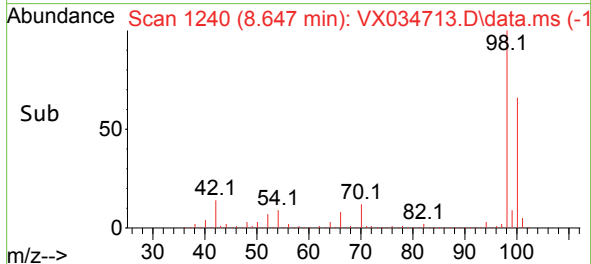
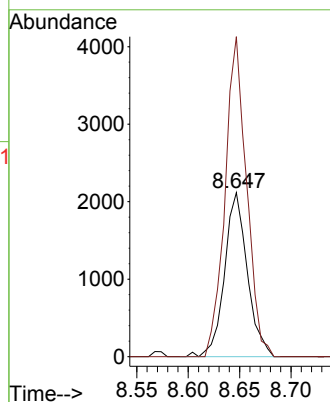
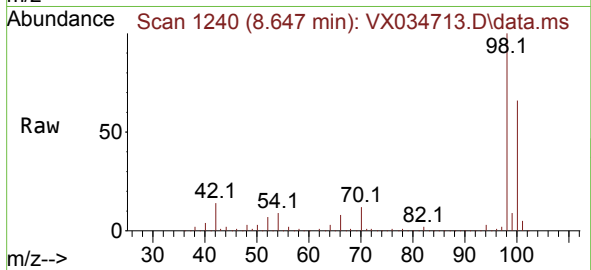
ClientSampleId :

Tgt Ion: 43 Resp: 3259

Ion Ratio Lower Upper

43 100

58 183.9 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034713.D

Acq: 24 Mar 2023 11:07

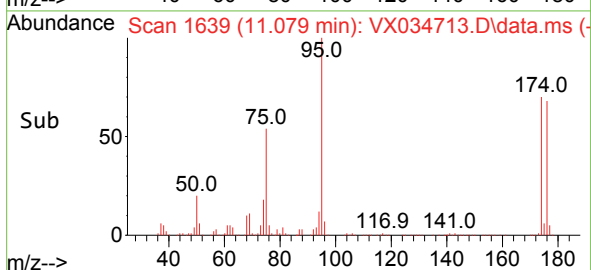
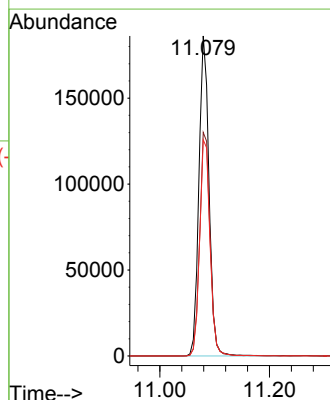
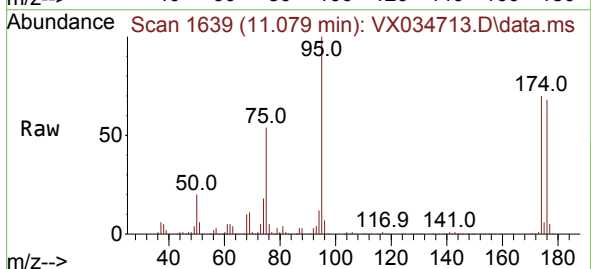
Tgt Ion: 95 Resp: 239261

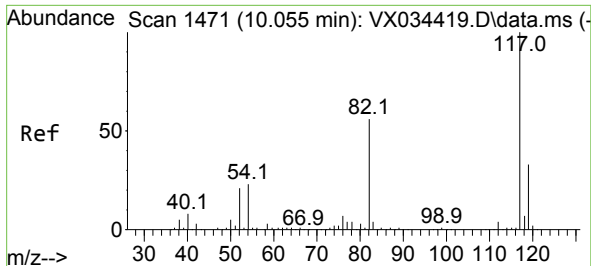
Ion Ratio Lower Upper

95 100

174 71.7 0.0 147.4

176 69.2 0.0 140.6

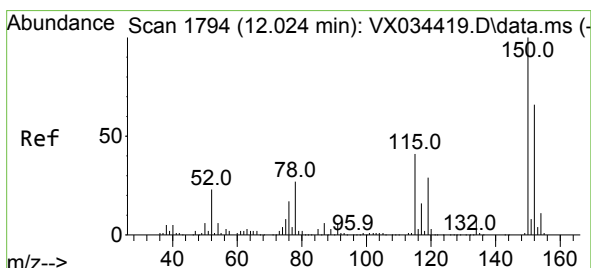
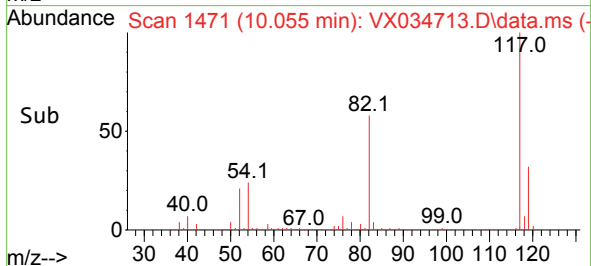
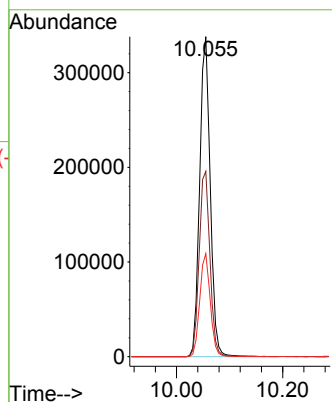
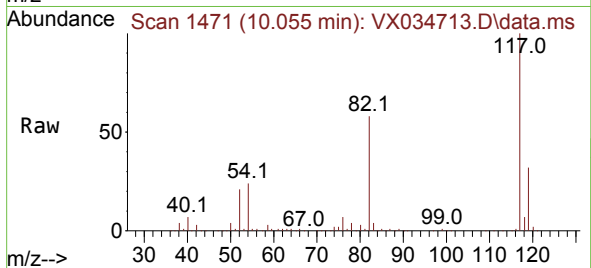




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

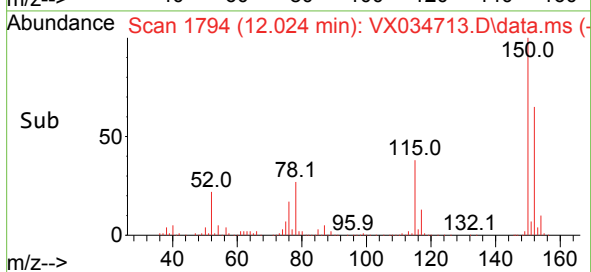
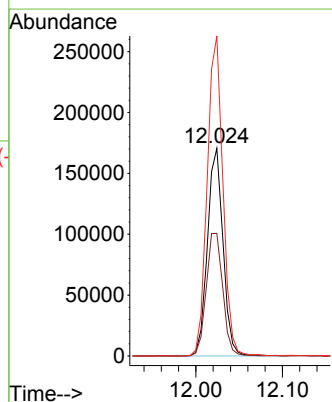
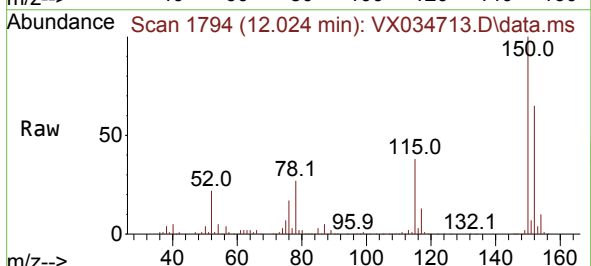
Instrument :
MSVOA_X
ClientSampleId :

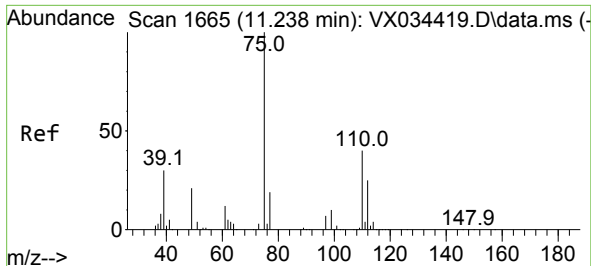
Tgt Ion:117 Resp: 469205
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

Tgt Ion:152 Resp: 213264
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 155.2 0.0 352.4

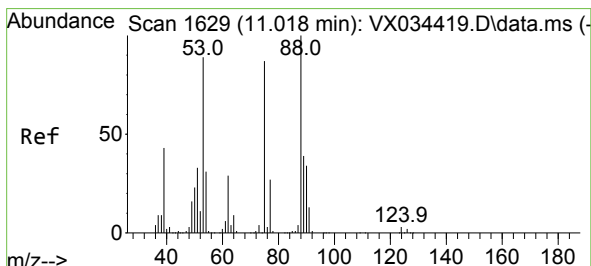
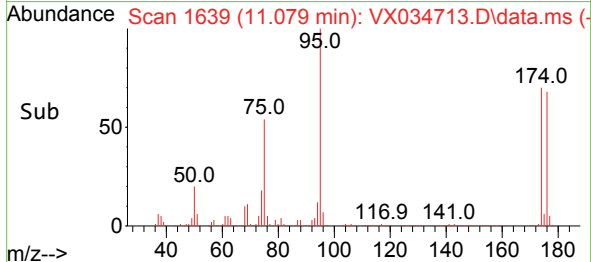
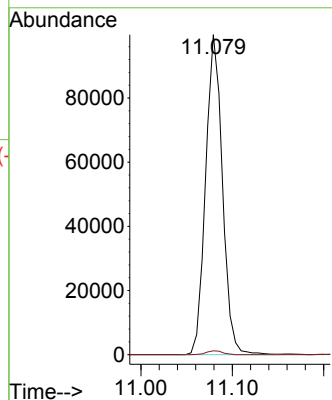
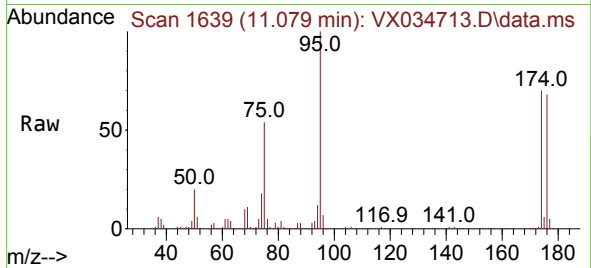




#76
1,2,3-Trichloropropane
Concen: 25.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

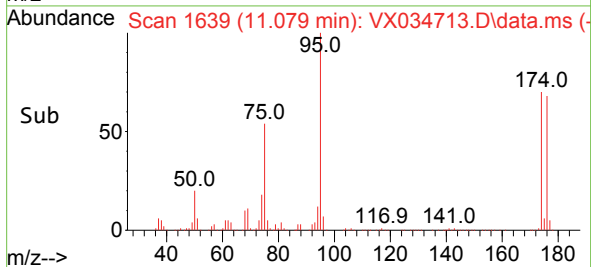
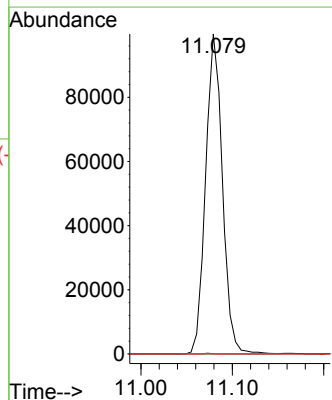
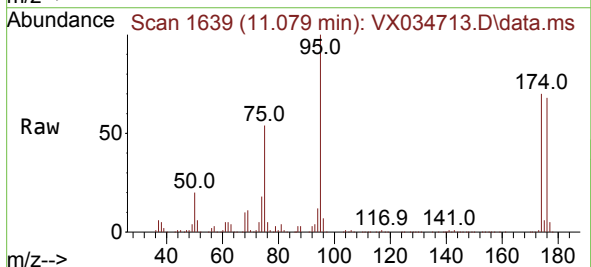
Instrument :
MSVOA_X
ClientSampleId :

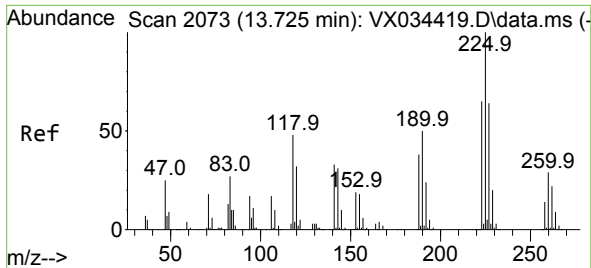
Tgt Ion: 75 Resp: 127001
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034713.D
Acq: 24 Mar 2023 11:07

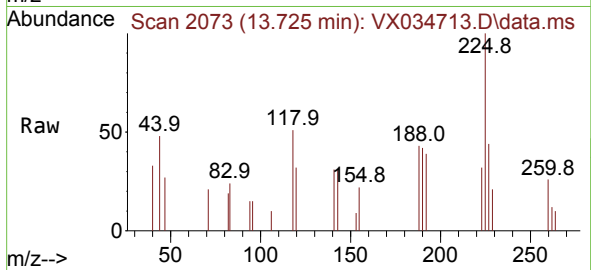
Tgt Ion: 75 Resp: 127001
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.357 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX034713.D
 Acq: 24 Mar 2023 11:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	674
Ion	Ratio	Lower	Upper
225	100		
223	46.7	32.1	96.5
227	49.9	31.8	95.4

