

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040218.D
 Acq On : 14 Feb 2024 14:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:02:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

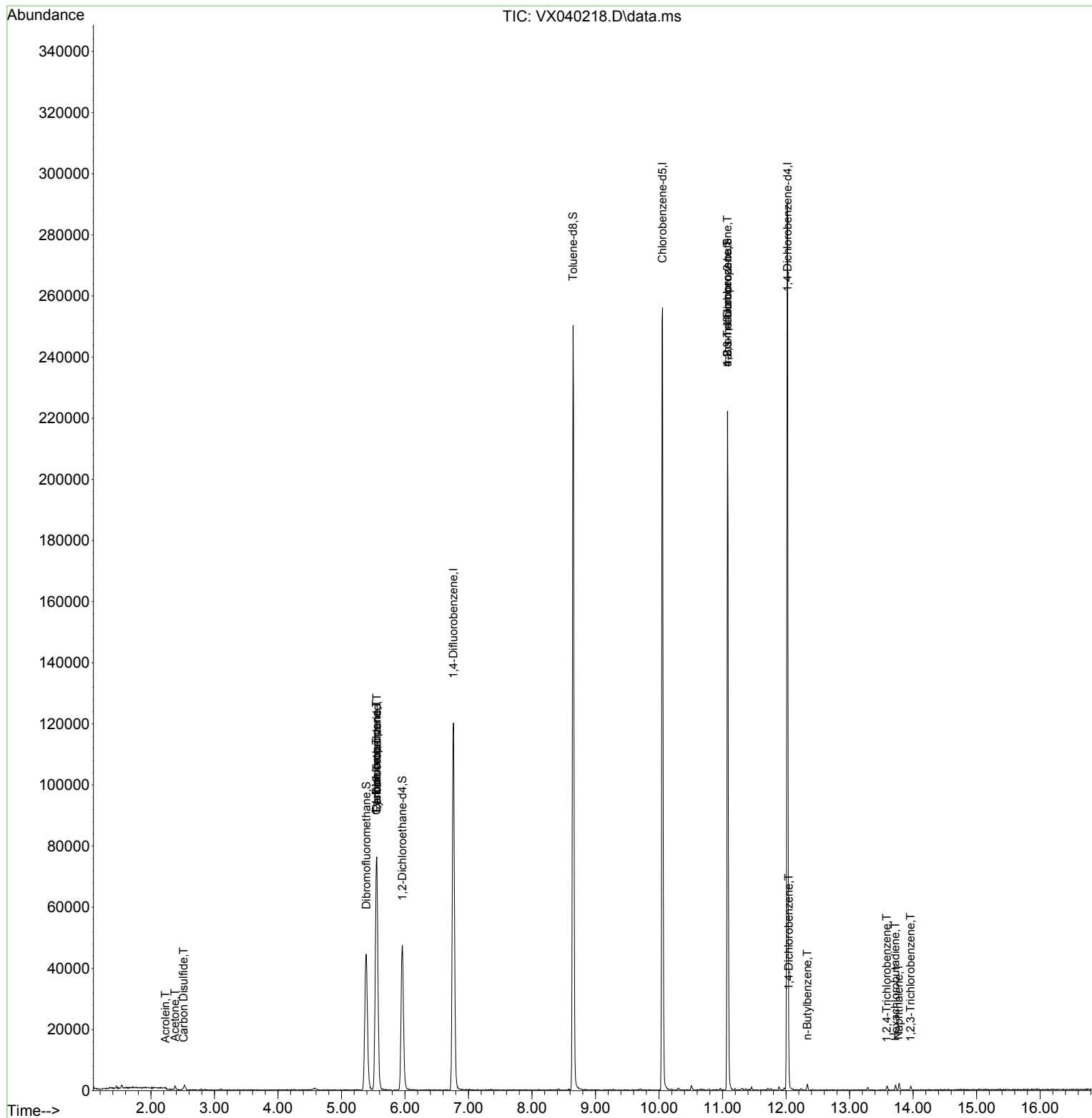
Internal Standards						
1) Pentafluorobenzene	5.556	168	73307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45770	41.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.940%
35) Dibromofluoromethane	5.391	113	39652	45.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	146123	44.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.980%#
62) 4-Bromofluorobenzene	11.079	95	59011	44.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
					Qvalue	
13) Acrolein	2.227	56	44	0.224	ug/l #	33
16) Acetone	2.379	43	1100	2.456	ug/l #	66
17) Carbon Disulfide	2.514	76	813	0.411	ug/l #	76
20) Methylene Chloride	2.788	84	98	Below Cal	#	39
31) Cyclohexane	5.550	56	1694	1.302	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	5748	4.726	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7602	6.573	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	29347	23.342	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	29347	64.442	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	542	0.250	ug/l #	1
89) n-Butylbenzene	12.335	91	823	0.224	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	455	0.335	ug/l	90
94) Hexachlorobutadiene	13.719	225	368	0.680	ug/l	84
95) Naphthalene	13.774	128	1756	0.410	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	432	0.334	ug/l	81

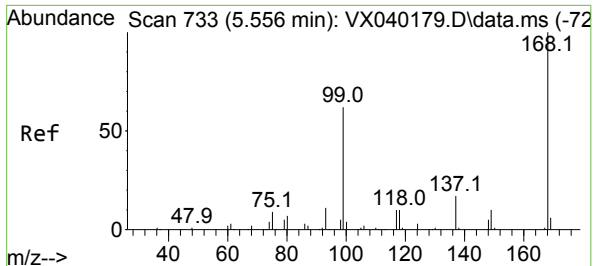
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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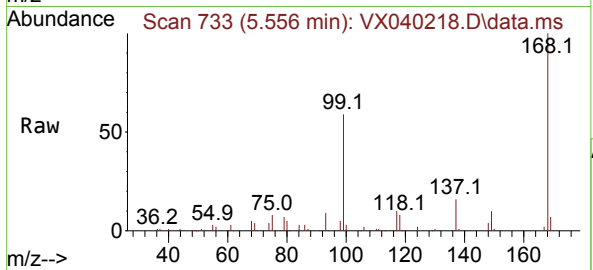
Quant Time: Feb 15 00:02:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
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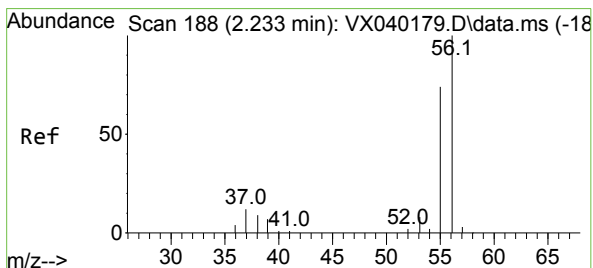
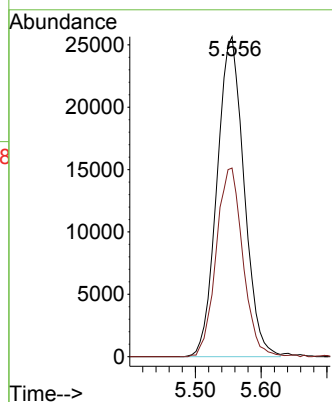
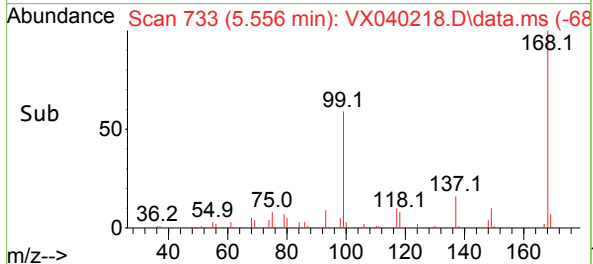


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :

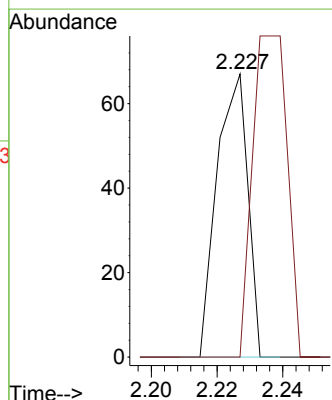
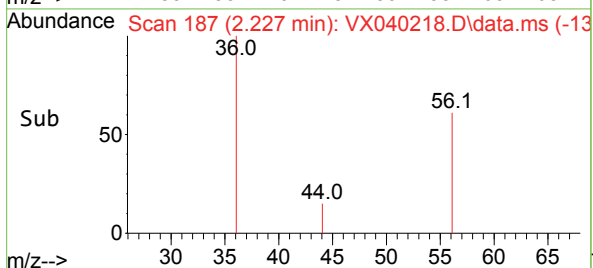
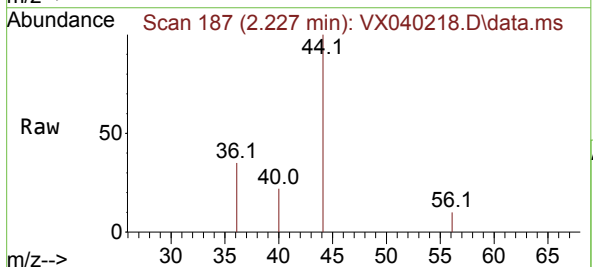


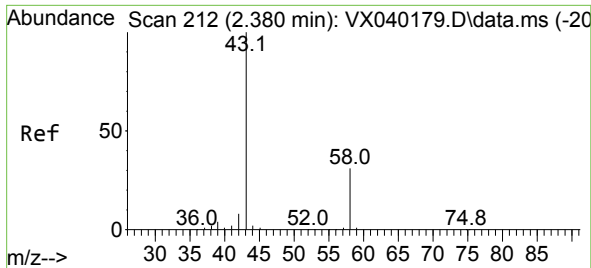
Tgt Ion:168 Resp: 73307
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#13
Acrolein
Concen: 0.224 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

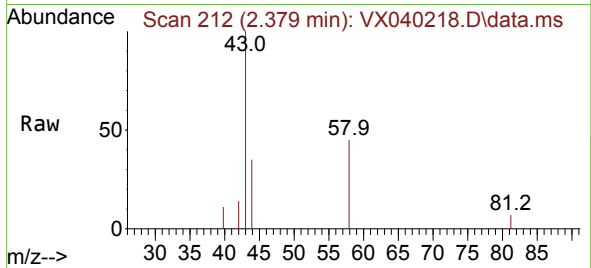
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 127.3 57.1 85.7#



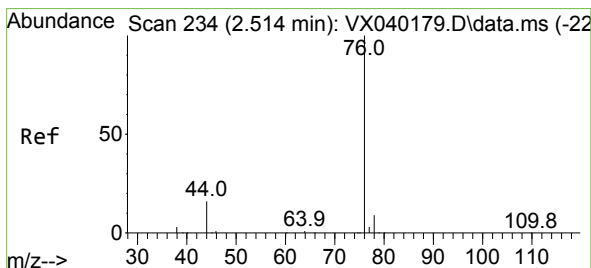
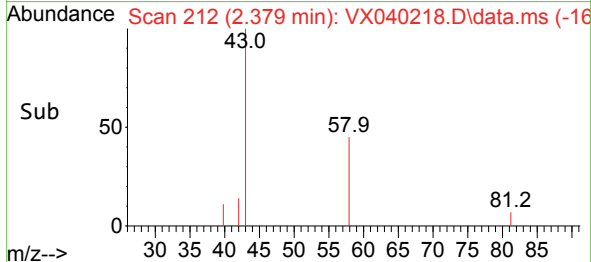
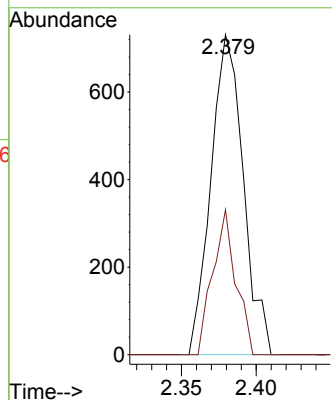


#16
Acetone
Concen: 2.456 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :

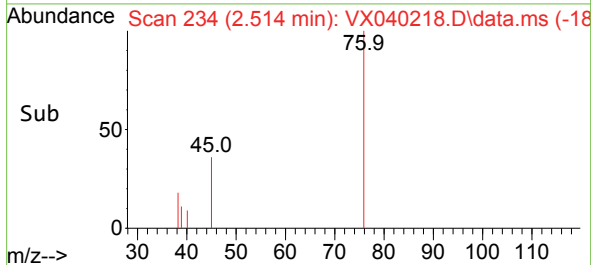
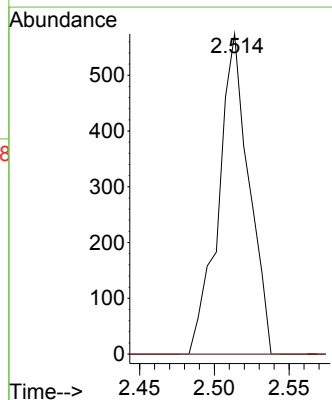
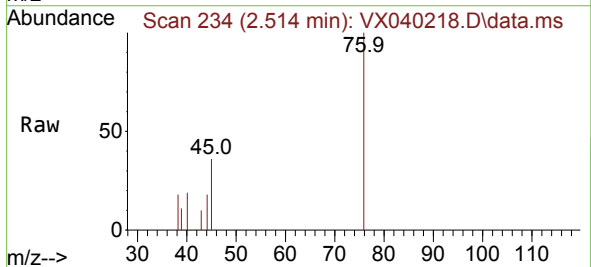


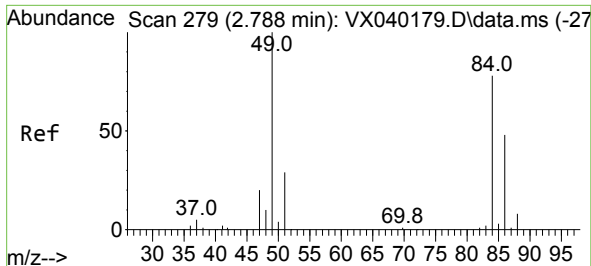
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 45.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

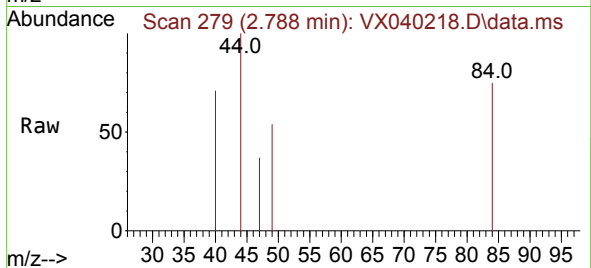
Tgt Ion: 76 Resp: 813
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





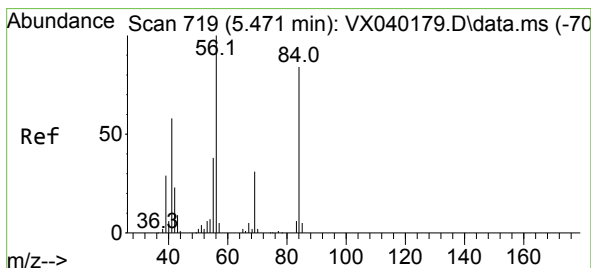
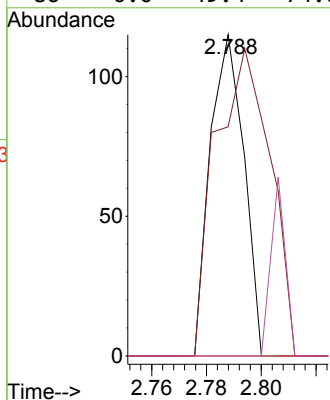
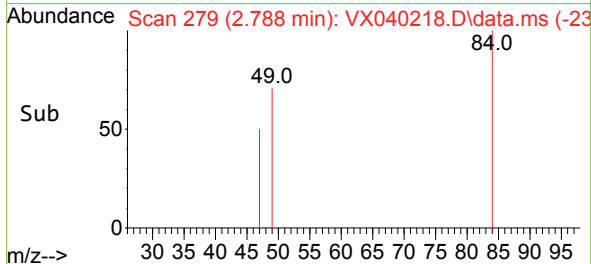
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 98

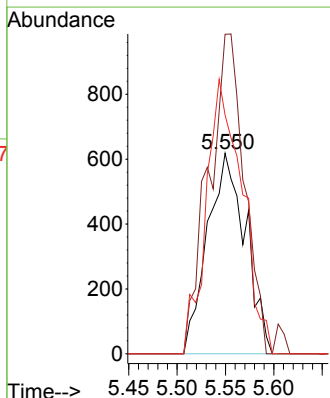
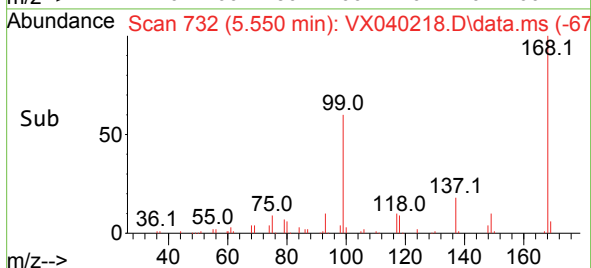
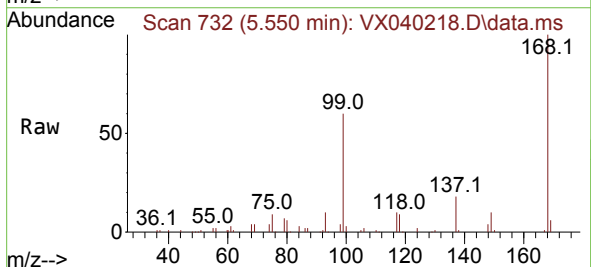
Ion	Ratio	Lower	Upper
84	100		
49	71.3	103.6	155.4#
51	0.0	33.8	50.6#
86	0.0	49.4	74.0#

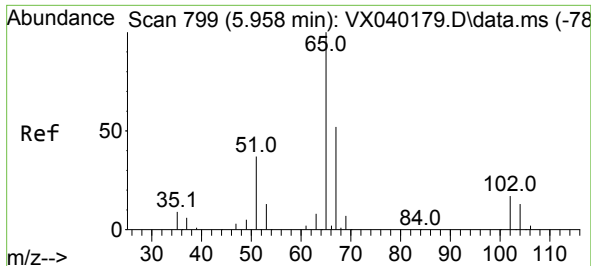


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion: 56 Resp: 1694

Ion	Ratio	Lower	Upper
56	100		
69	159.4	23.4	35.2#
84	119.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.968 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040218.D

Acq: 14 Feb 2024 14:24

Instrument :

MSVOA_X

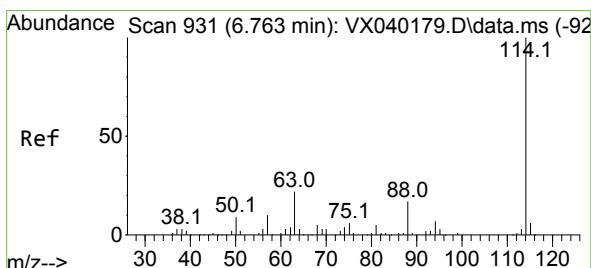
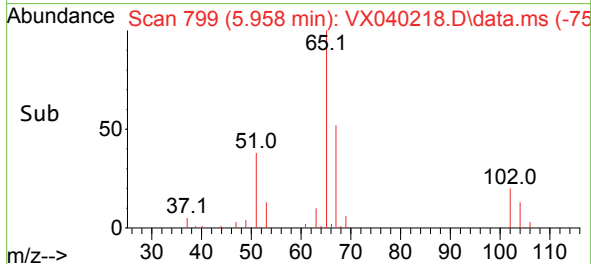
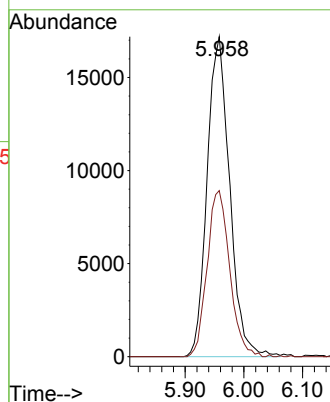
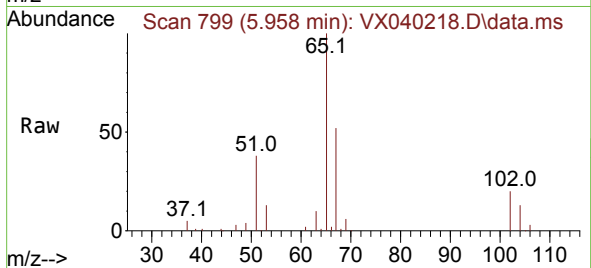
ClientSampleId :

Tgt Ion: 65 Resp: 45770

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040218.D

Acq: 14 Feb 2024 14:24

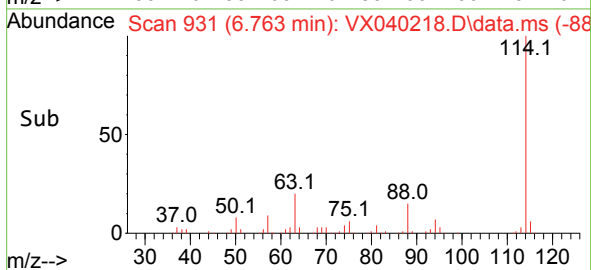
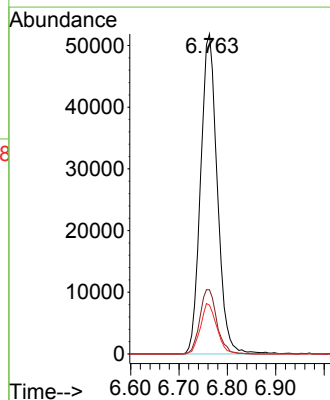
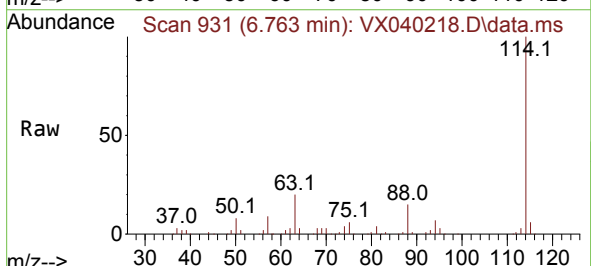
Tgt Ion: 114 Resp: 124334

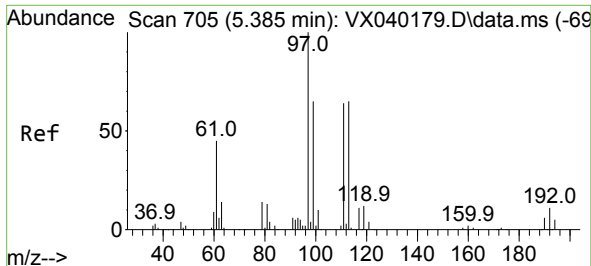
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

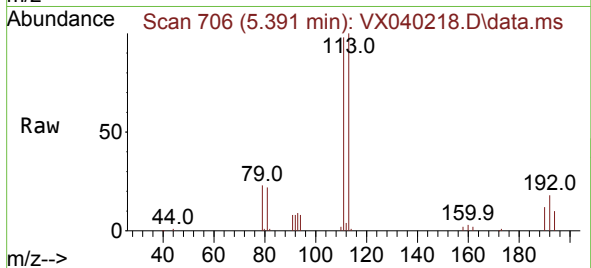
88 15.2 0.0 36.6



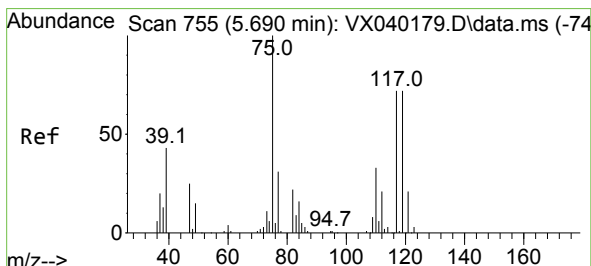
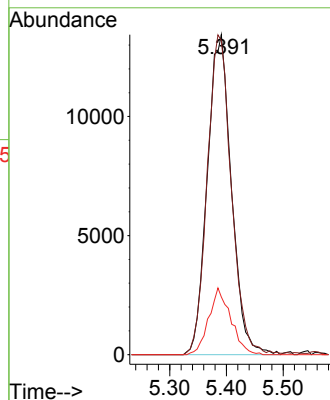
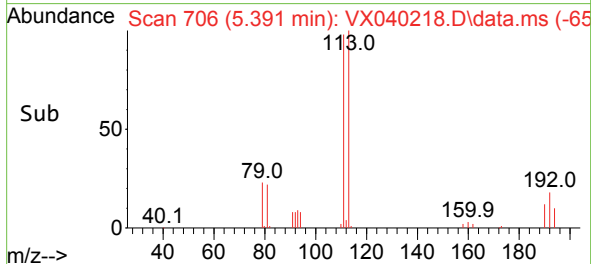


#35
Dibromofluoromethane
Concen: 45.667 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :

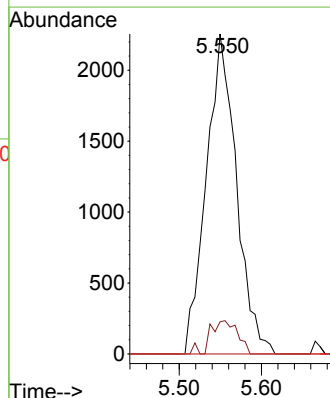
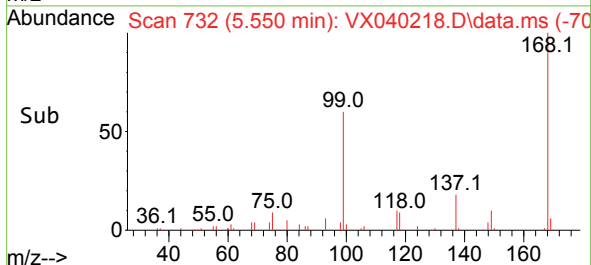
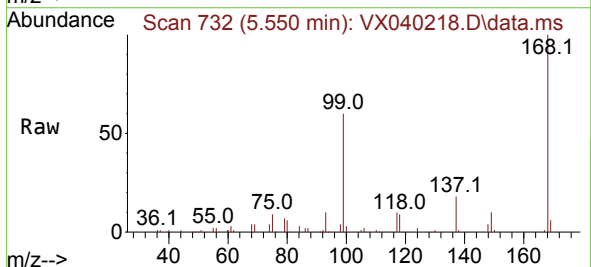


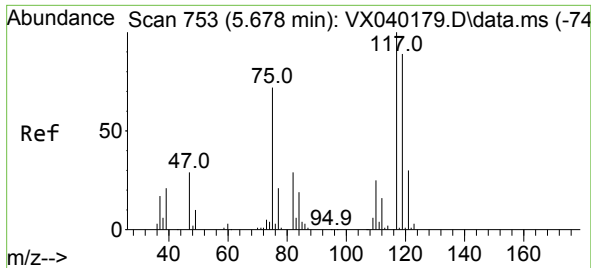
Tgt Ion:113 Resp: 39652
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

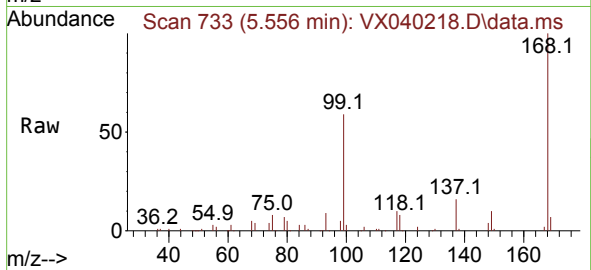
Tgt Ion: 75 Resp: 5748
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



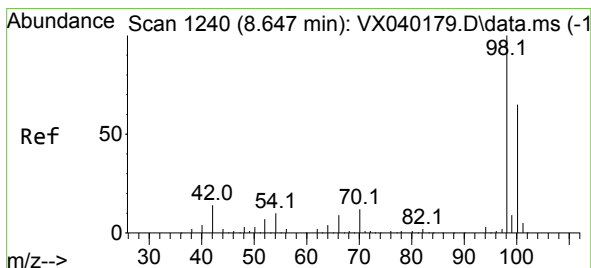
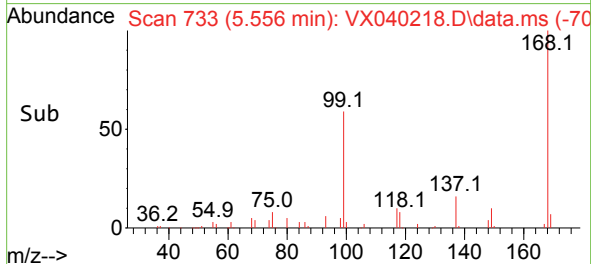
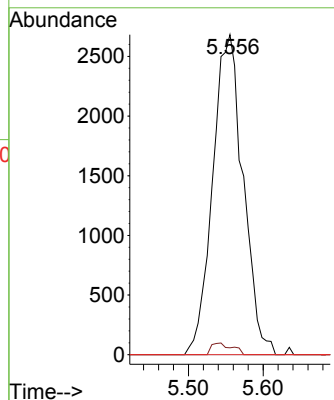


#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :

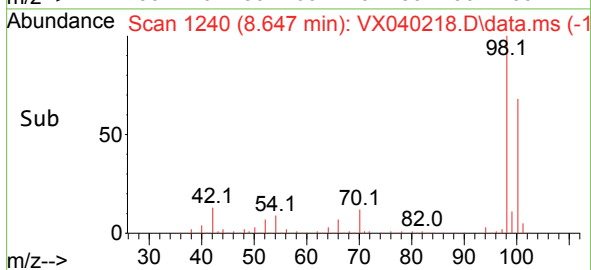
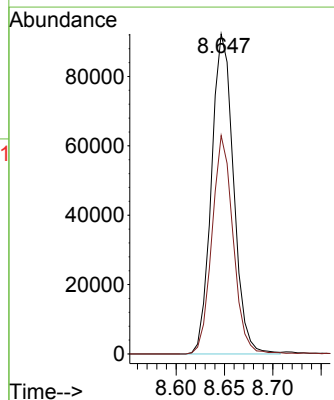
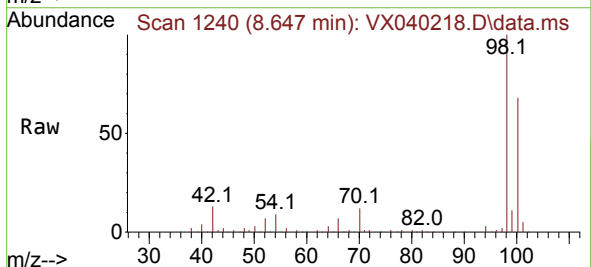


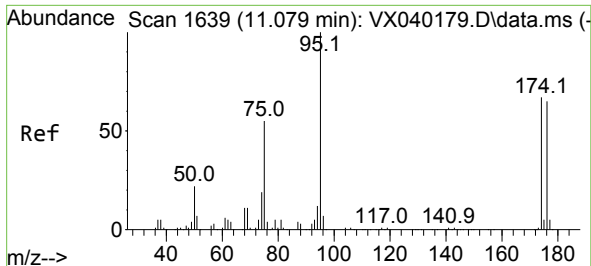
Tgt Ion:117 Resp: 7602
Ion Ratio Lower Upper
117 100
119 2.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.989 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion: 98 Resp: 146123
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

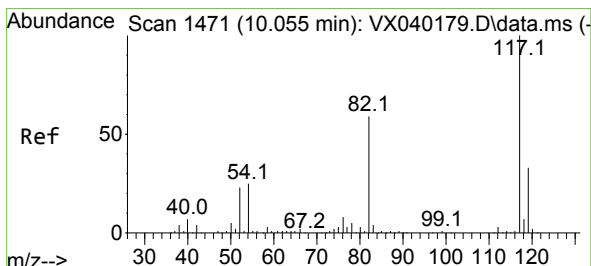
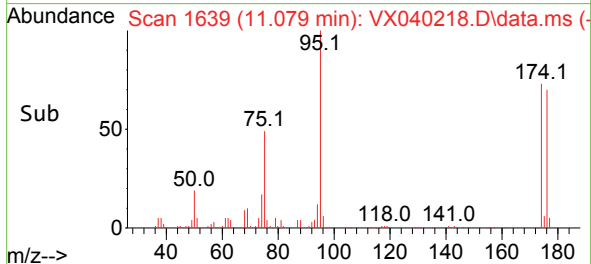
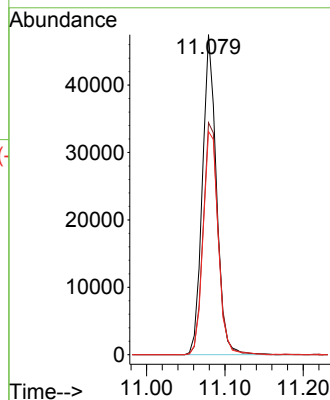
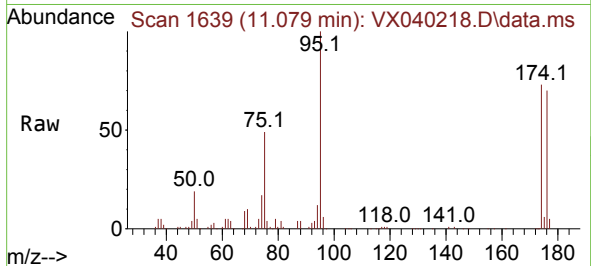




#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

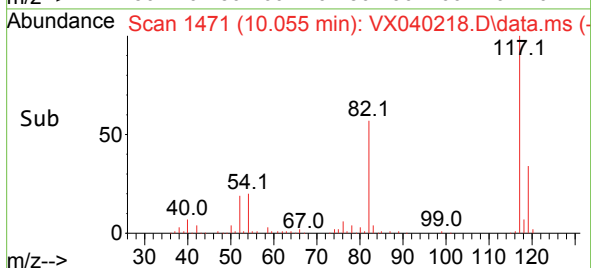
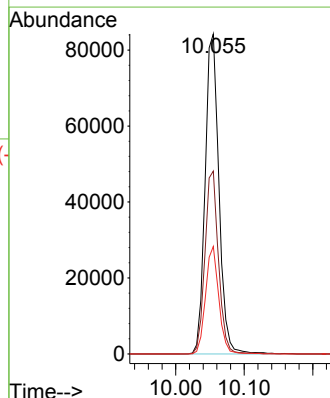
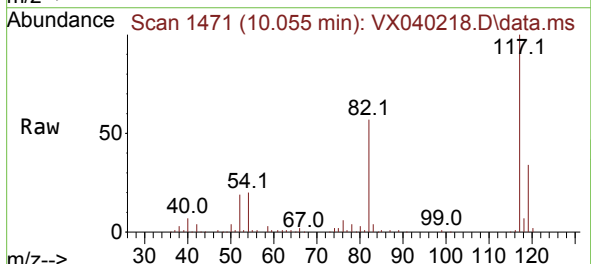
Instrument :
MSVOA_X
ClientSampleId :

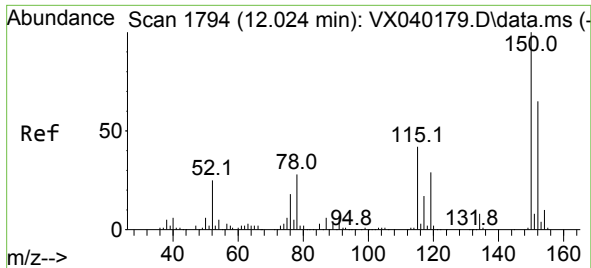
Tgt Ion: 95 Resp: 59011
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 75.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion: 117 Resp: 118305
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 33.6 25.5 38.3

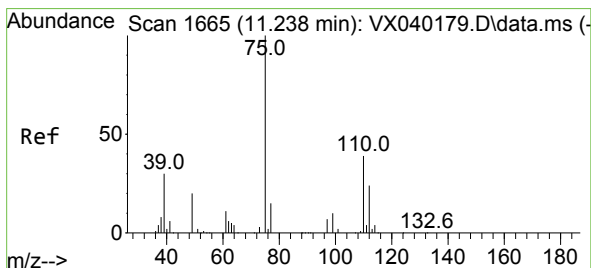
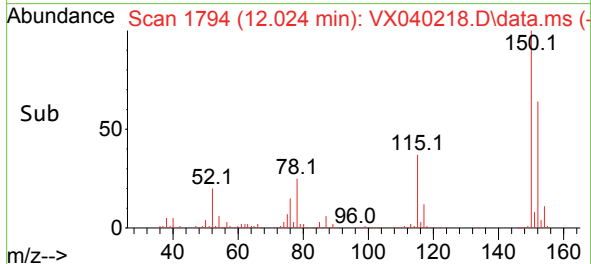
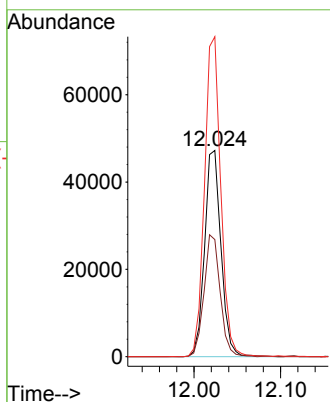
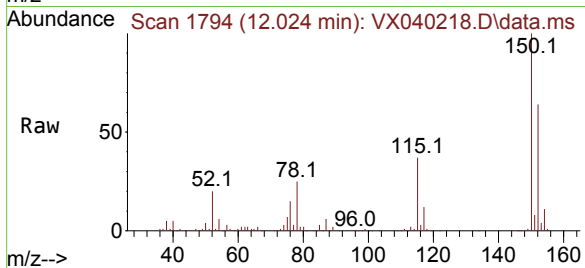




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040218.D
 Acq: 14 Feb 2024 14:24

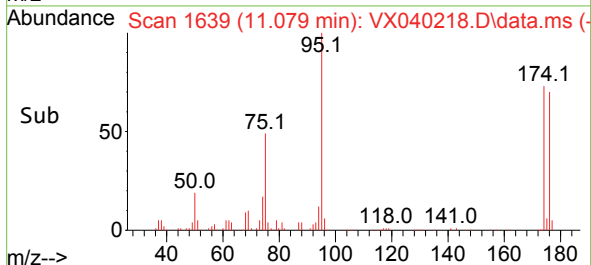
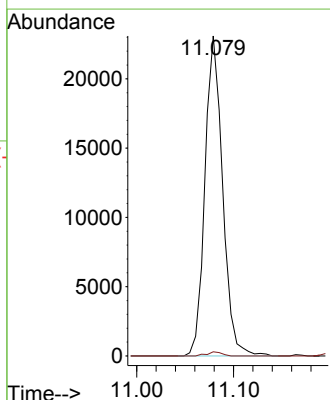
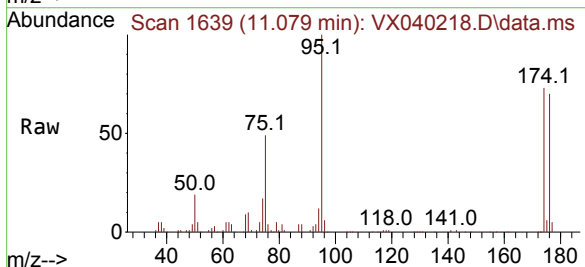
Instrument :
 MSVOA_X
 ClientSampleId :

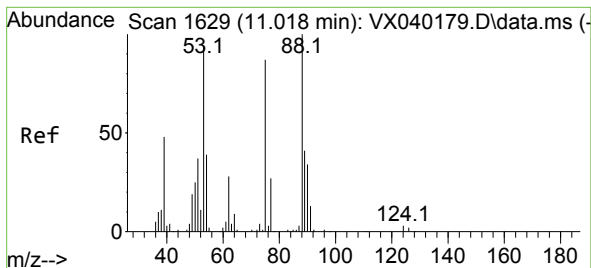
Tgt Ion:152 Resp: 62087
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.9
 150 153.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.342 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040218.D
 Acq: 14 Feb 2024 14:24

Tgt Ion: 75 Resp: 29347
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

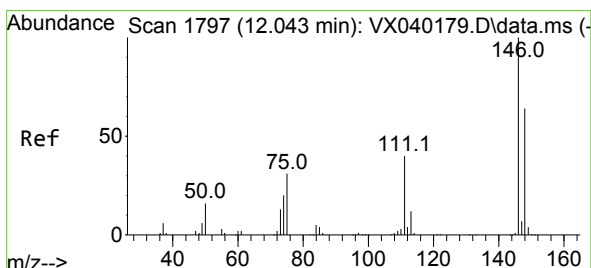
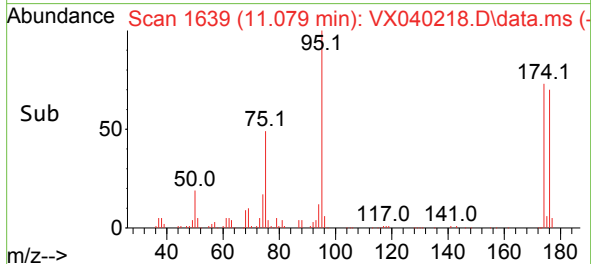
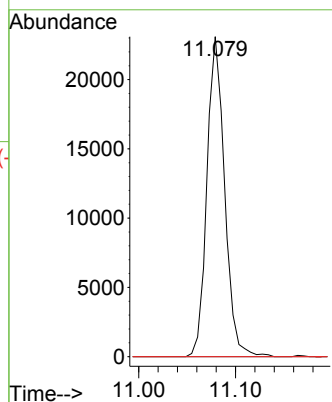
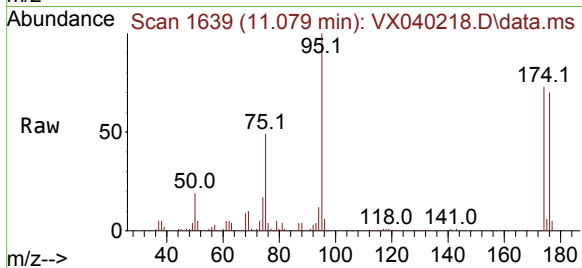




#81
trans-1,4-Dichloro-2-butene
Concen: 64.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

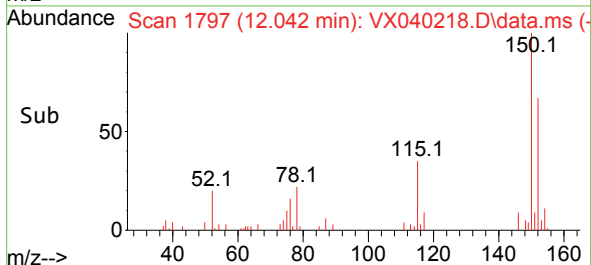
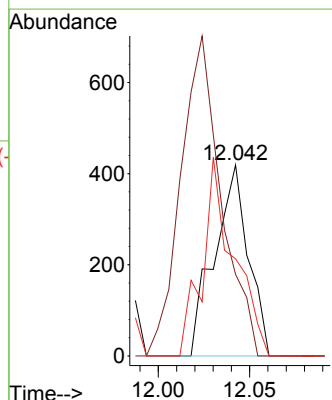
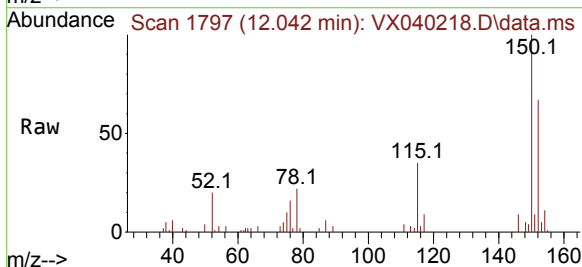
Instrument :
MSVOA_X
ClientSampleId :

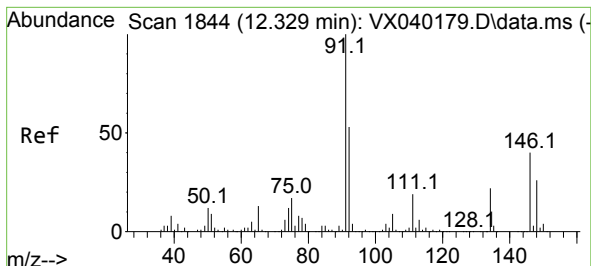
Tgt Ion: 75 Resp: 29347
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.250 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion:146 Resp: 542
Ion Ratio Lower Upper
146 100
111 198.5 21.3 63.7#
148 95.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.224 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040218.D

Acq: 14 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

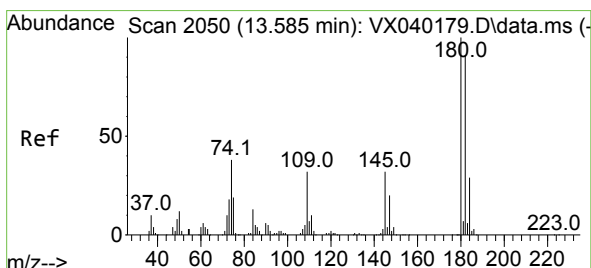
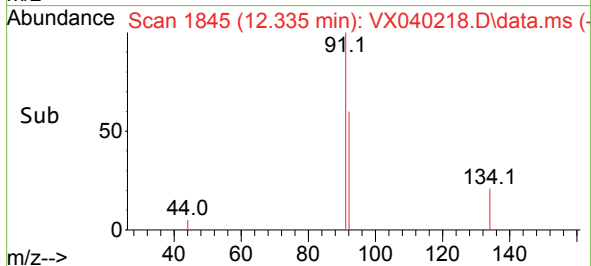
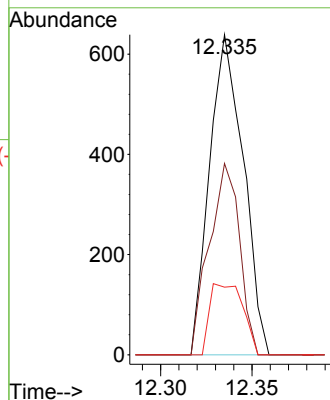
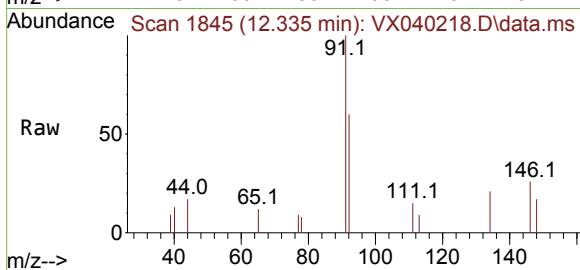
Tgt Ion: 91 Resp: 823

Ion Ratio Lower Upper

91 100

92 53.6 27.4 82.0

134 21.7 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.335 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040218.D

Acq: 14 Feb 2024 14:24

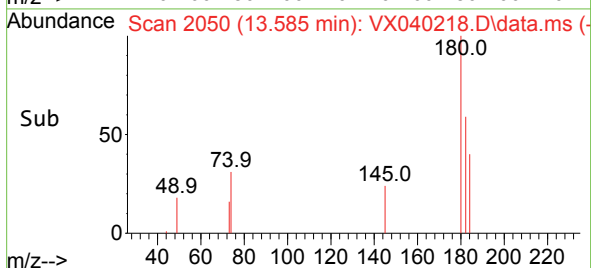
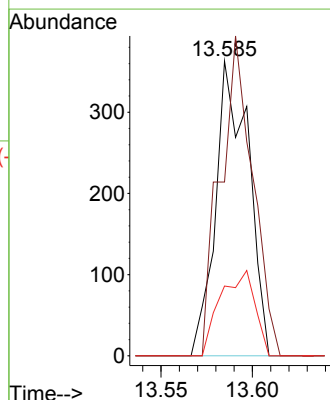
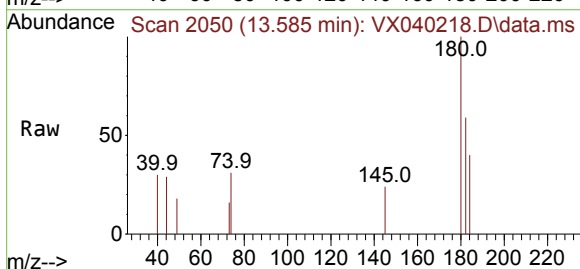
Tgt Ion: 180 Resp: 455

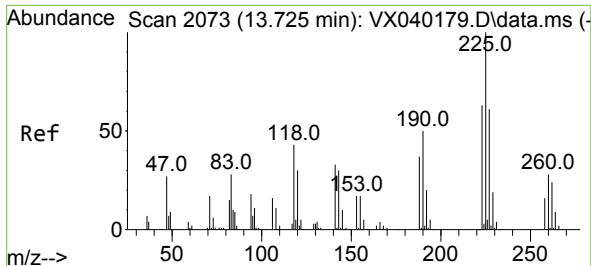
Ion Ratio Lower Upper

180 100

182 106.8 48.3 144.8

145 30.3 18.0 54.0

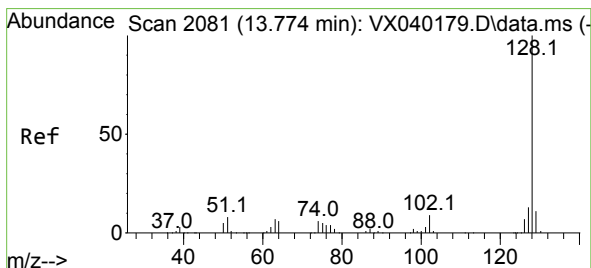
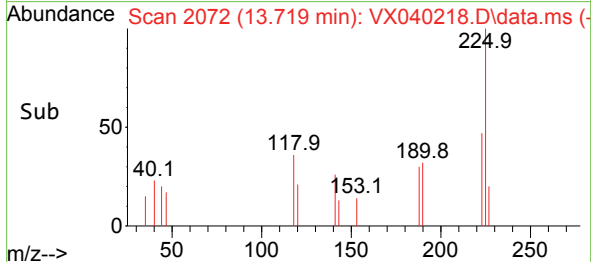
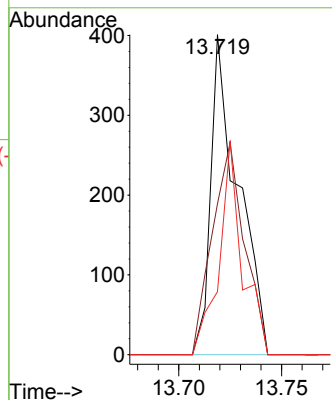
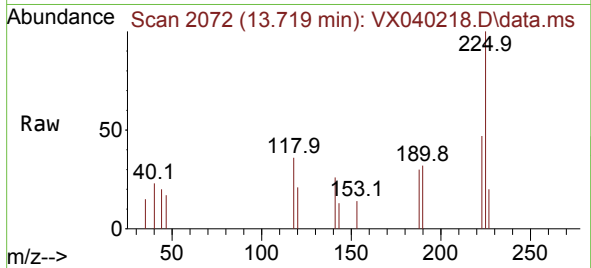




#94
Hexachlorobutadiene
Concen: 0.680 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

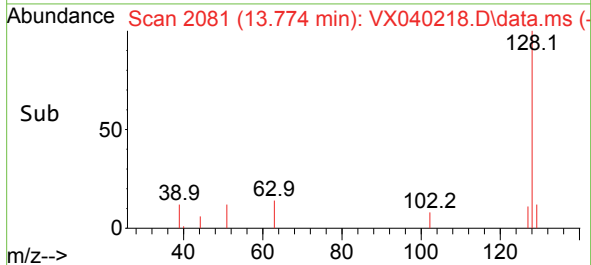
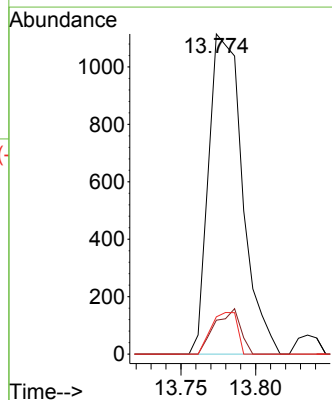
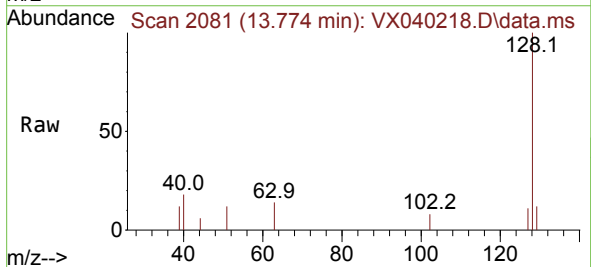
Instrument :
MSVOA_X
ClientSampleId :

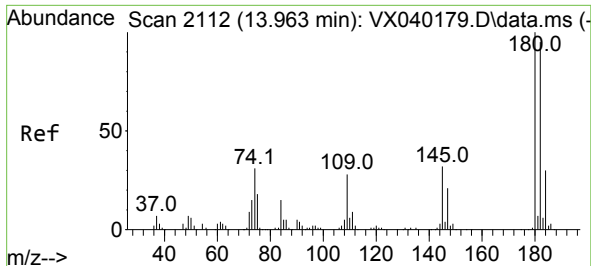
Tgt Ion:225 Resp: 368
Ion Ratio Lower Upper
225 100
223 78.5 31.1 93.2
227 56.5 32.5 97.5



#95
Naphthalene
Concen: 0.410 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion:128 Resp: 1756
Ion Ratio Lower Upper
128 100
127 10.6 10.3 15.5
129 10.1 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.334 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

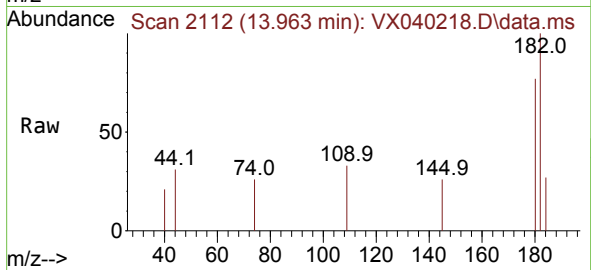
Lab File: VX040218.D

Acq: 14 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 432

Ion Ratio Lower Upper

180 100

182 118.5 46.9 140.6

145 36.8 17.8 53.5

