

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040422.D
 Acq On : 23 Feb 2024 11:30
 Operator : JC/MD
 Sample : VX0223WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBL01

Quant Time: Feb 23 22:15:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57832	48.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.385	113	43270	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.647	98	158641	50.482	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.079	95	59585	47.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%

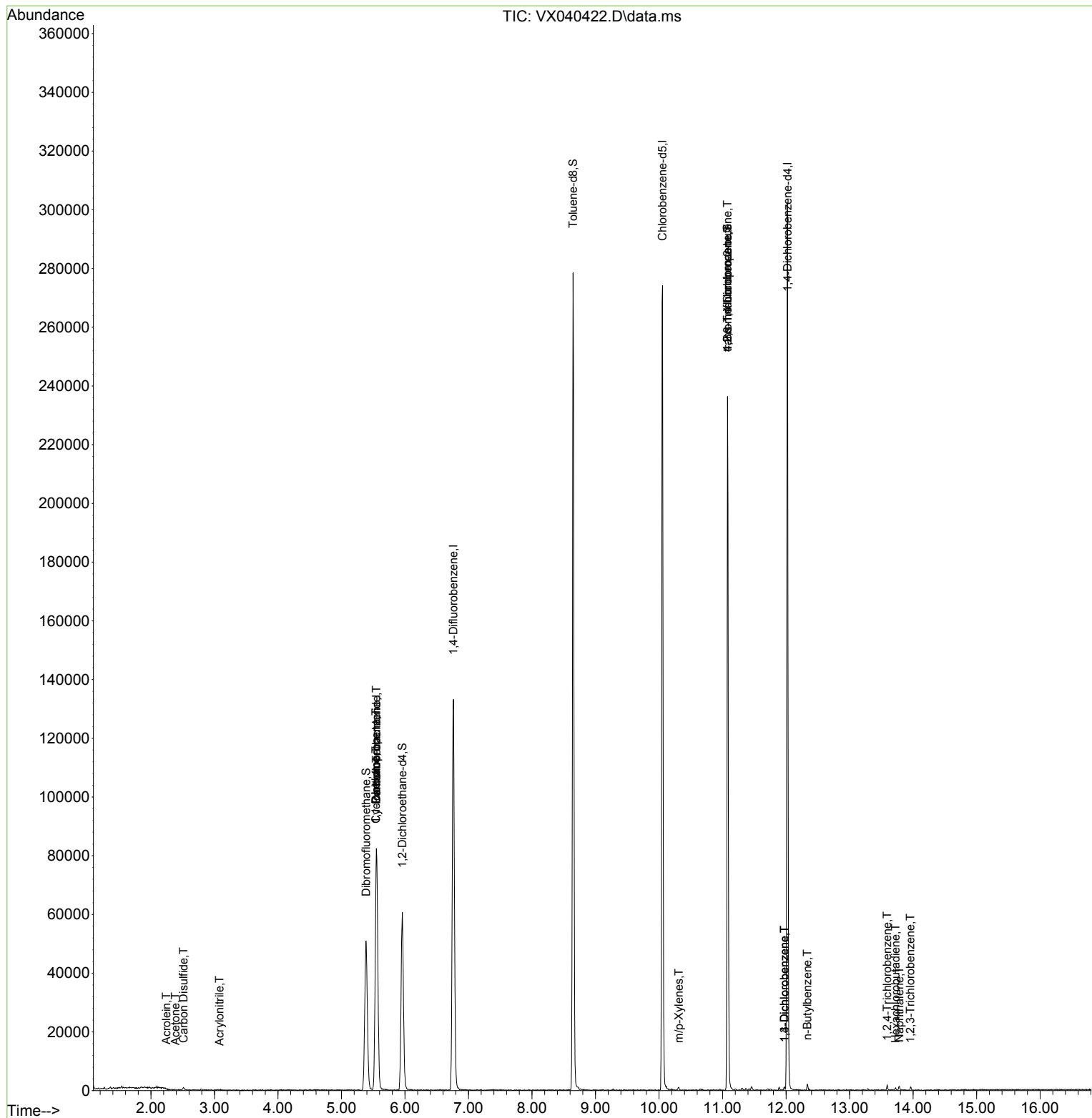
Target Compounds			Qvalue			
13) Acrolein	2.239	56	97	0.352	ug/l #	77
15) Acrylonitrile	3.081	53	145	0.268	ug/l #	17
16) Acetone	2.386	43	239	0.481	ug/l #	47
17) Carbon Disulfide	2.514	76	988	0.444	ug/l #	76
31) Cyclohexane	5.544	56	2211	1.547	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	6610	4.909	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8348	6.701	ug/l #	14
68) m/p-Xylenes	10.311	106	337	0.205	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	34633	26.363	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34633	91.732	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	417	0.213	ug/l	89
88) 1,4-Dichlorobenzene	11.975	146	417	0.206	ug/l	88
89) n-Butylbenzene	12.335	91	823	0.235	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	458	0.377	ug/l	82
94) Hexachlorobutadiene	13.725	225	192	0.436	ug/l	76
95) Naphthalene	13.786	128	1238	0.317	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.957	180	363	0.310	ug/l #	90

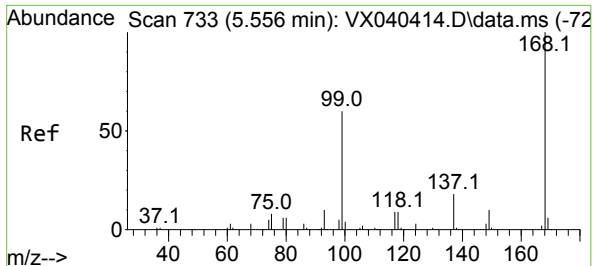
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040422.D
Acq On : 23 Feb 2024 11:30
Operator : JC/MD
Sample : VX0223WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

Quant Time: Feb 23 22:15:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration

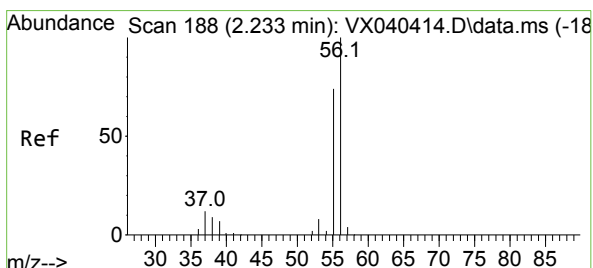
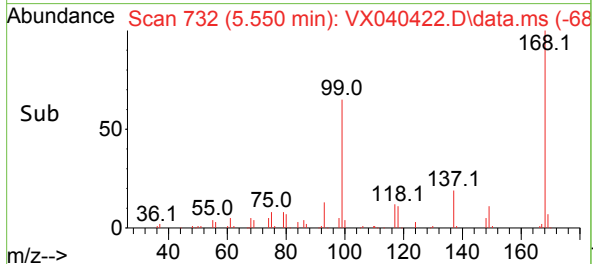
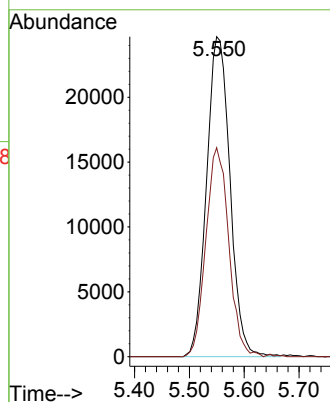
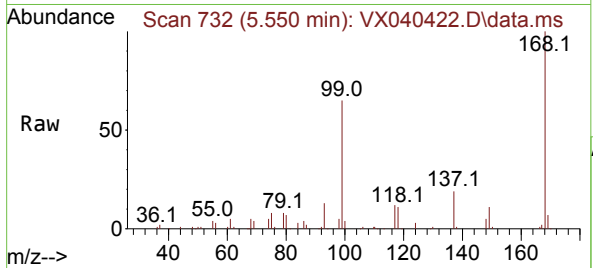




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

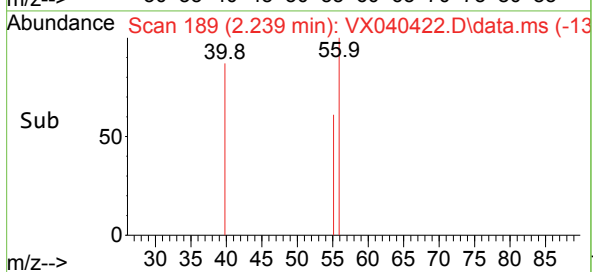
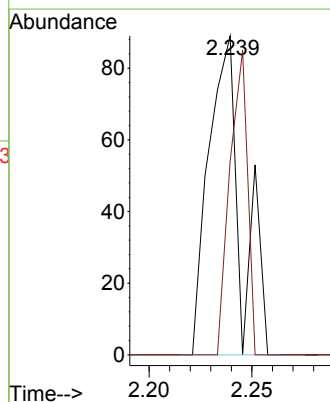
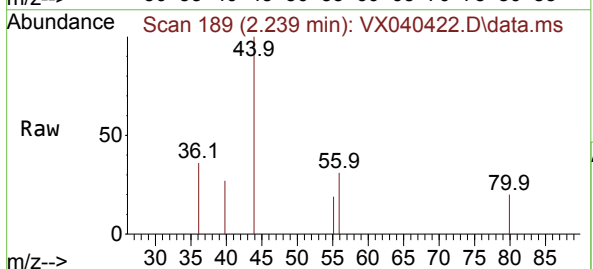
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

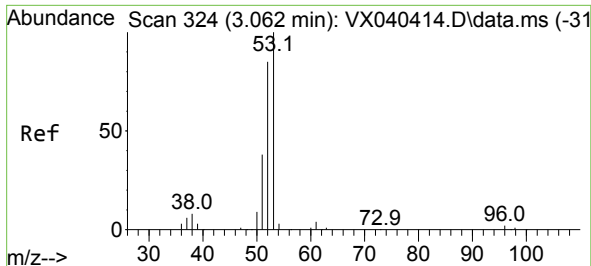
Tgt Ion:168 Resp: 73221
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#13
Acrolein
Concen: 0.352 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 52.6 57.1 85.7#

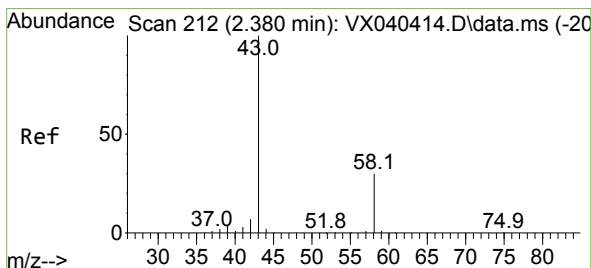
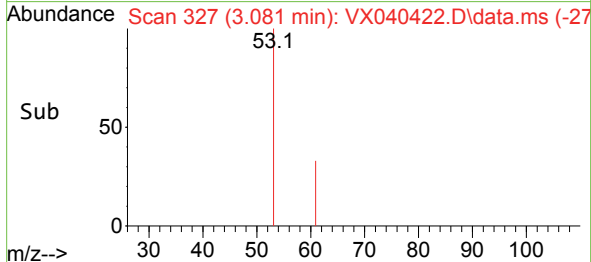
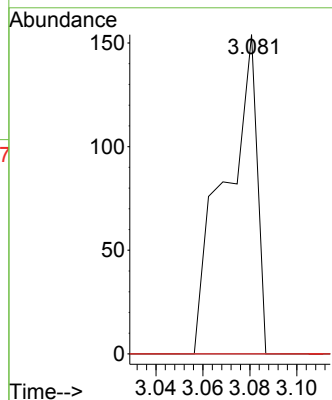
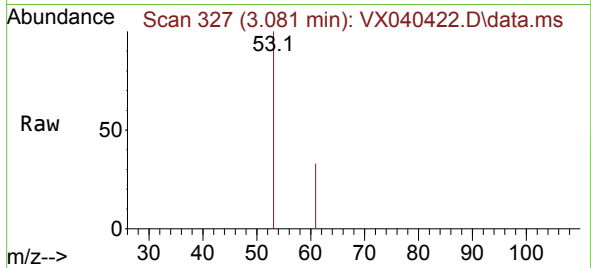




#15
Acrylonitrile
Concen: 0.268 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

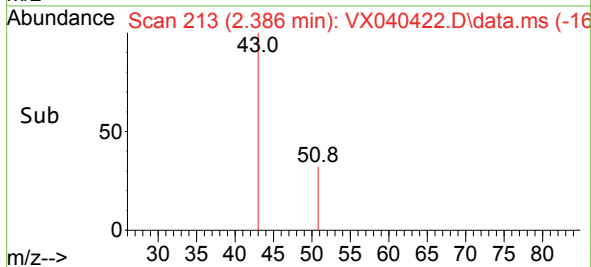
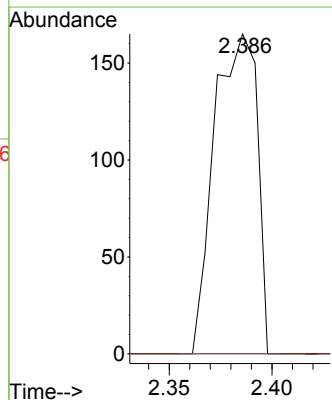
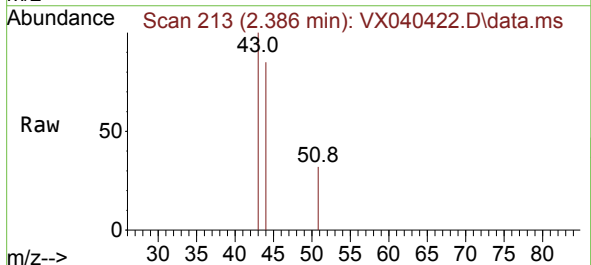
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

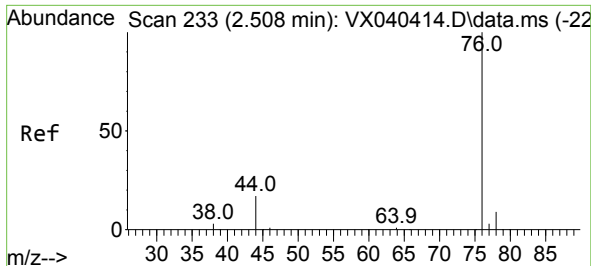
Tgt Ion: 53	Resp:	145
Ion	Ratio	Lower Upper
53	100	
52	0.0	66.0 99.0#
51	0.0	29.8 44.6#



#16
Acetone
Concen: 0.481 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion: 43	Resp:	239
Ion	Ratio	Lower Upper
43	100	
58	0.0	21.9 32.9#





#17

Carbon Disulfide

Concen: 0.444 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040422.D

Acq: 23 Feb 2024 11:30

Instrument :

MSVOA_X

ClientSampleId :

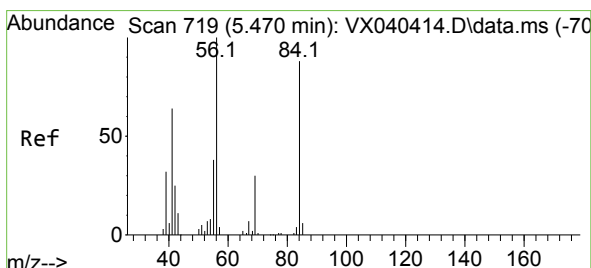
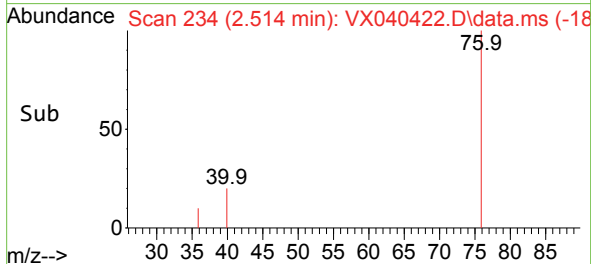
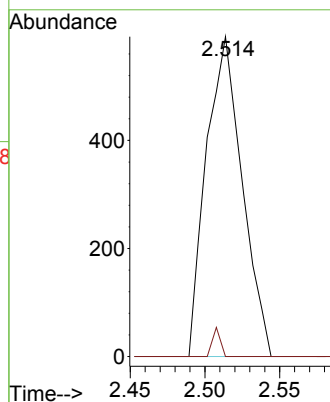
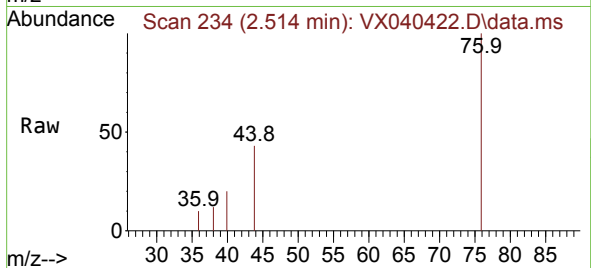
VX0223WBL01

Tgt Ion: 76 Resp: 988

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#31

Cyclohexane

Concen: 1.547 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040422.D

Acq: 23 Feb 2024 11:30

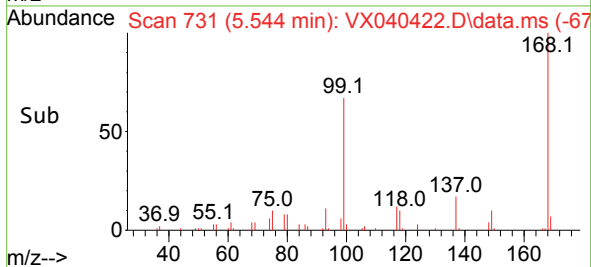
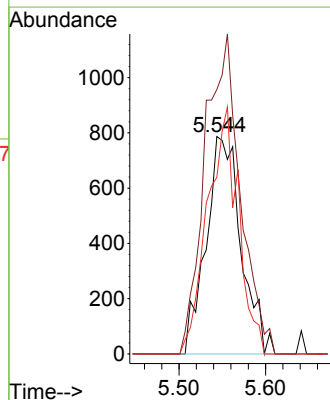
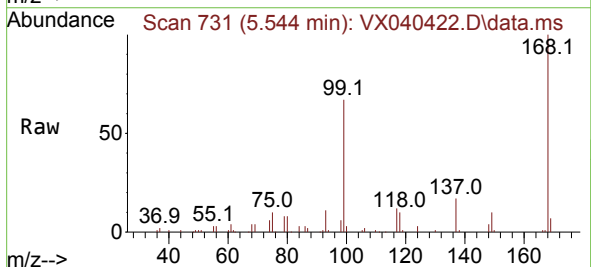
Tgt Ion: 56 Resp: 2211

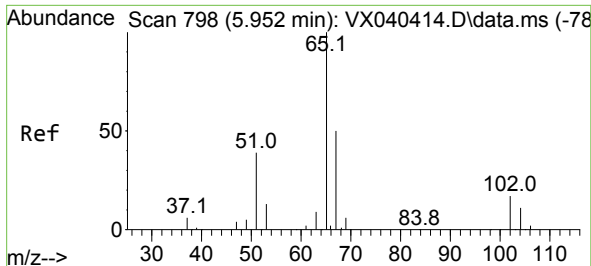
Ion Ratio Lower Upper

56 100

69 121.6 23.4 35.2#

84 81.2 65.9 98.9

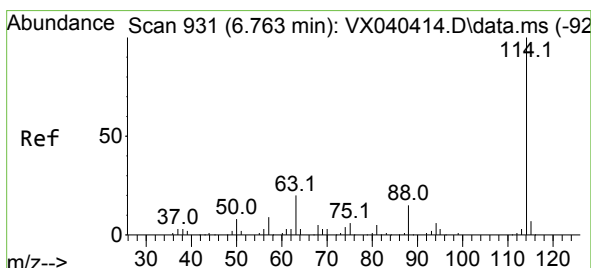
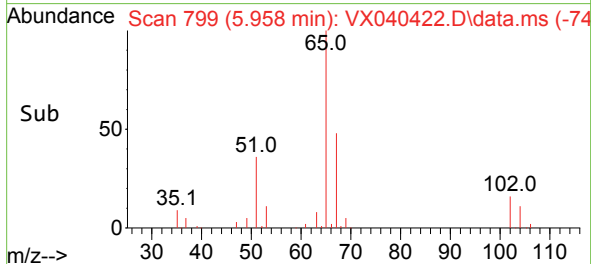
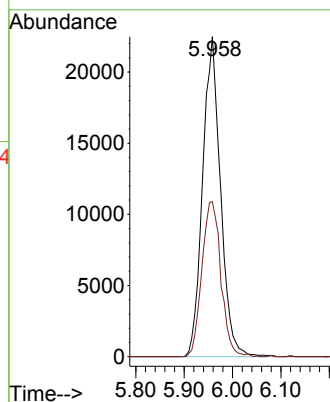
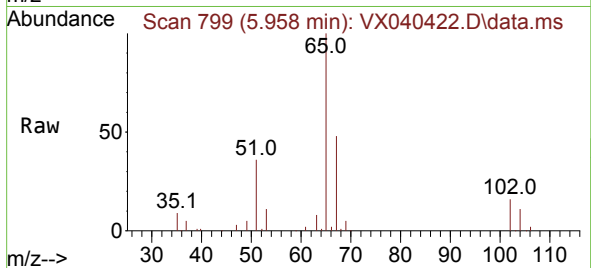




#33
 1,2-Dichloroethane-d4
 Concen: 48.498 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX040422.D
 Acq: 23 Feb 2024 11:30

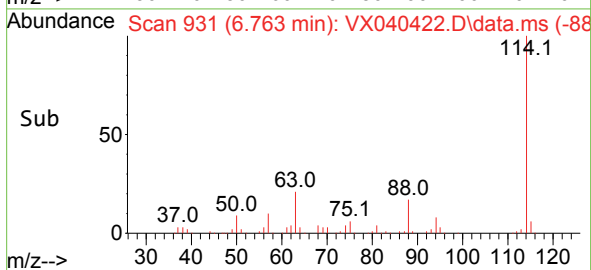
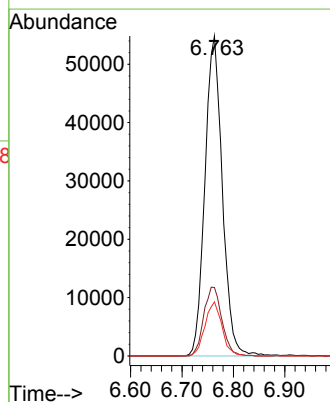
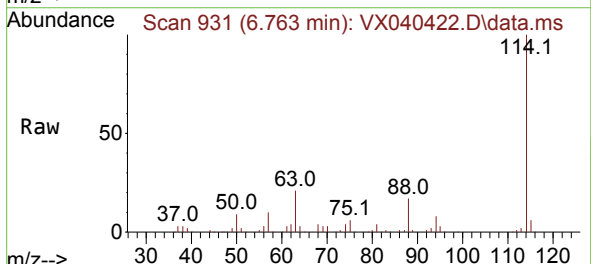
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBL01

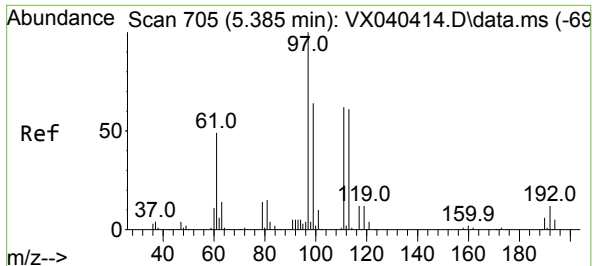
Tgt Ion: 65 Resp: 57832
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040422.D
 Acq: 23 Feb 2024 11:30

Tgt Ion: 114 Resp: 129103
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 16.9 0.0 36.6

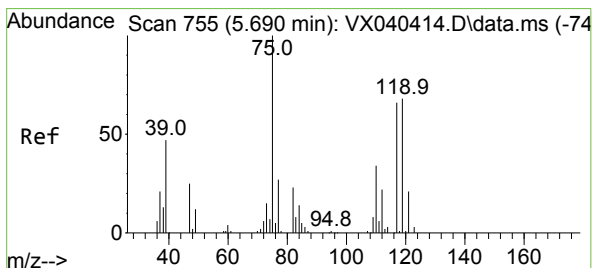
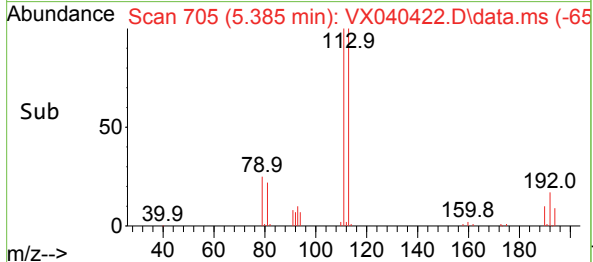
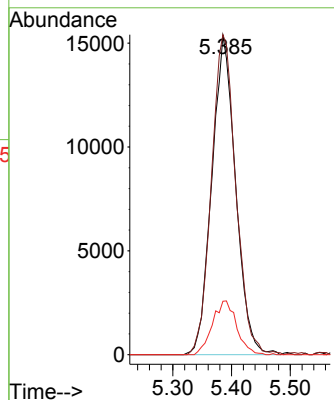
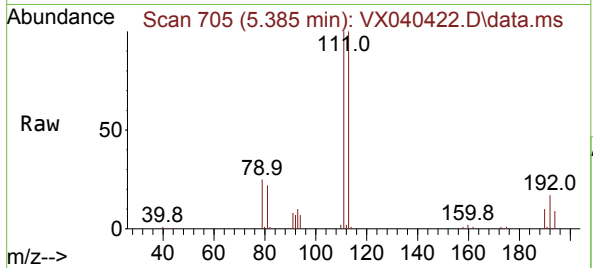




#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

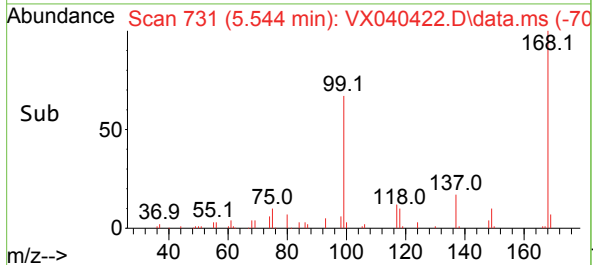
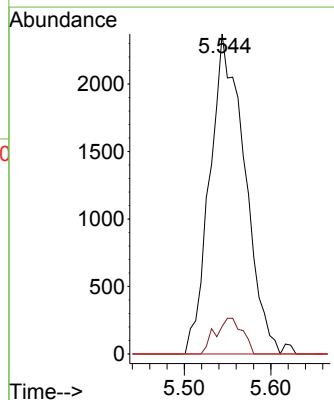
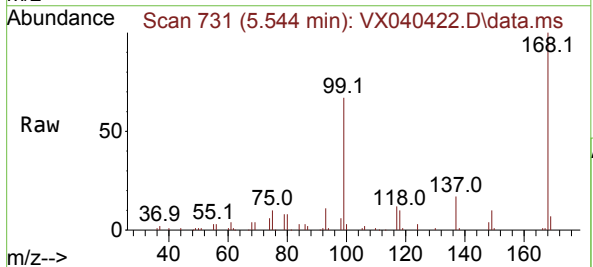
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

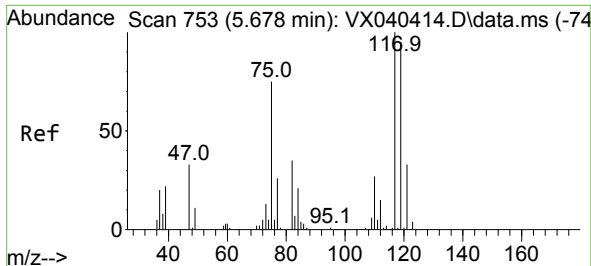
Tgt Ion:113 Resp: 43270
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

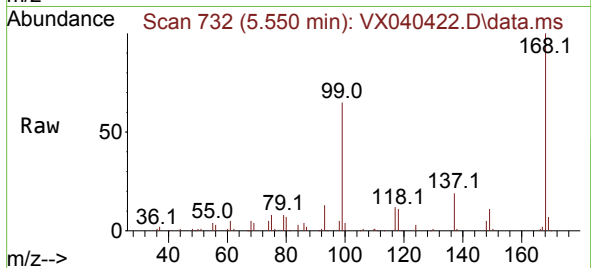
Tgt Ion: 75 Resp: 6610
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



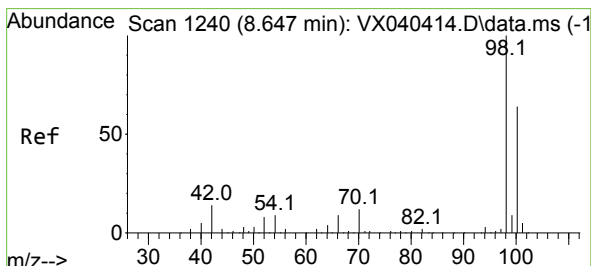
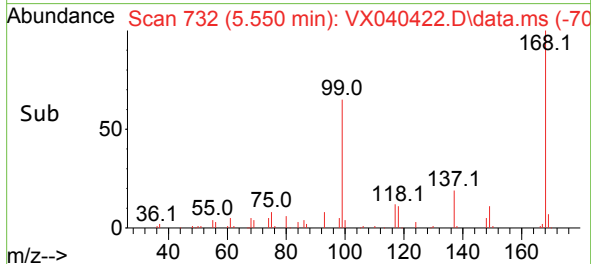
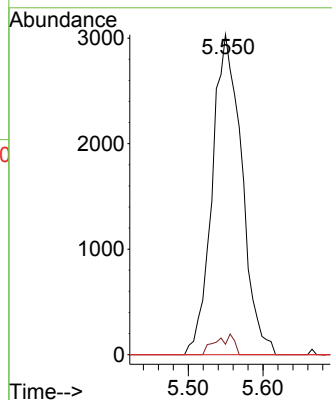


#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

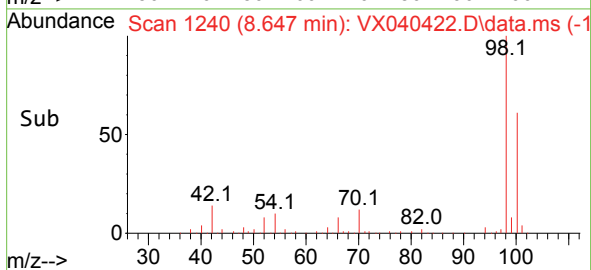
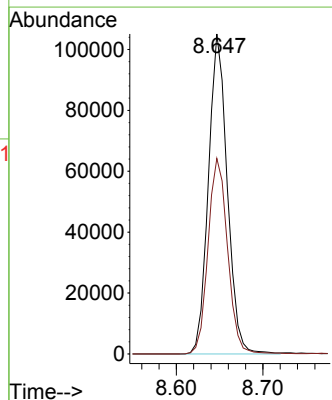
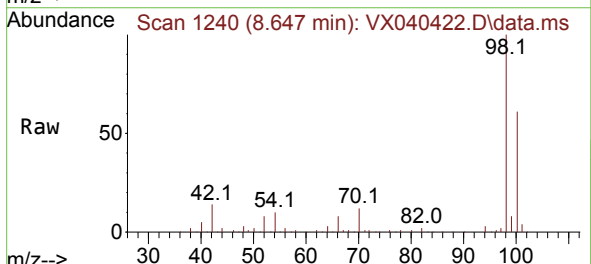


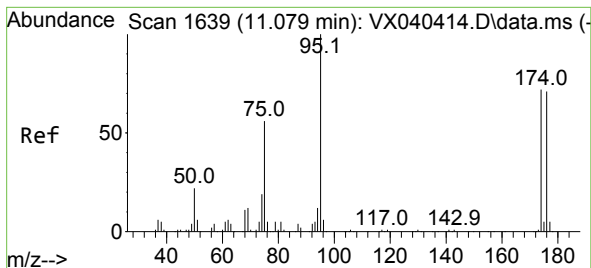
Tgt Ion:117 Resp: 8348
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion: 98 Resp: 158641
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

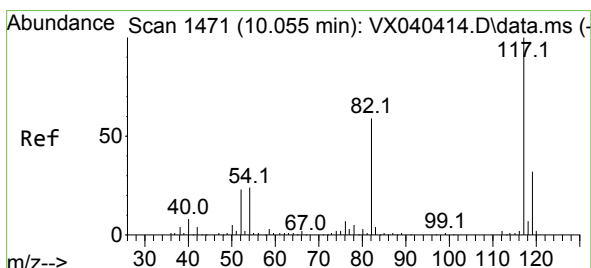
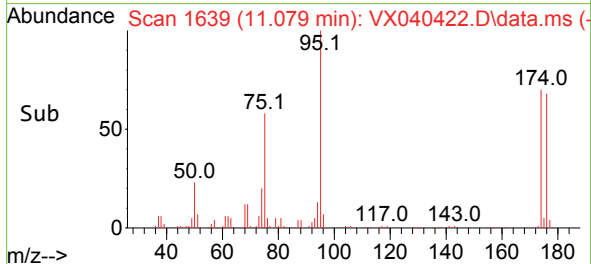
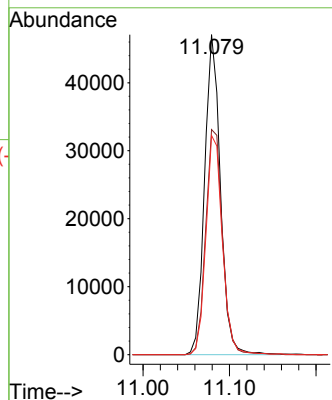
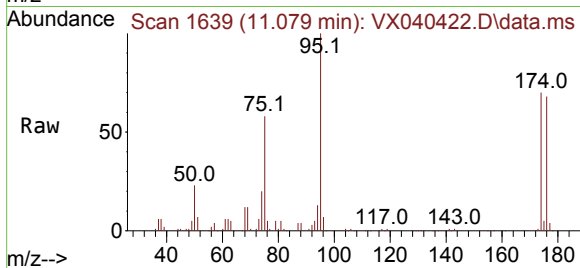




#62
4-Bromofluorobenzene
Concen: 47.318 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

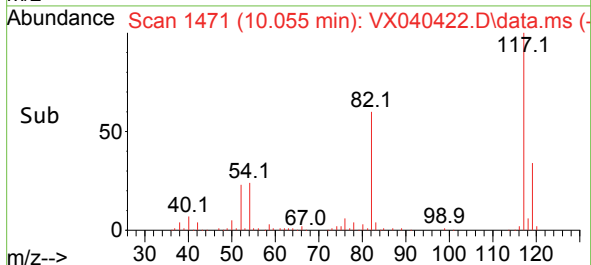
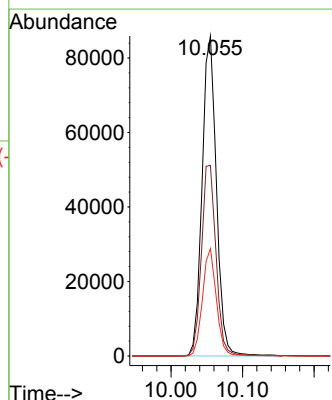
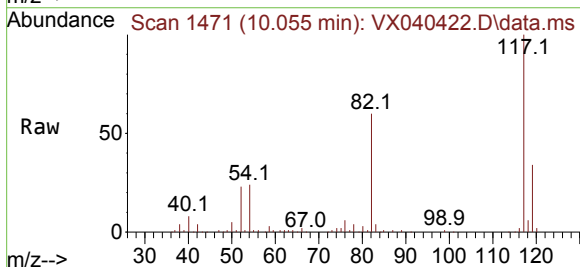
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

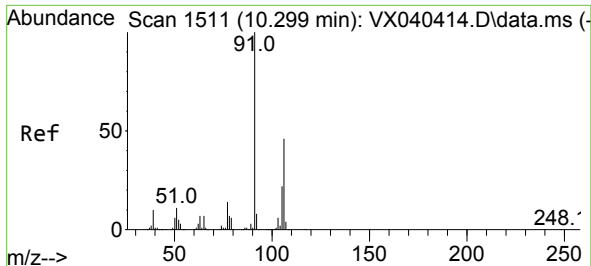
Tgt Ion: 95 Resp: 59585
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion: 117 Resp: 119514
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 33.6 25.5 38.3

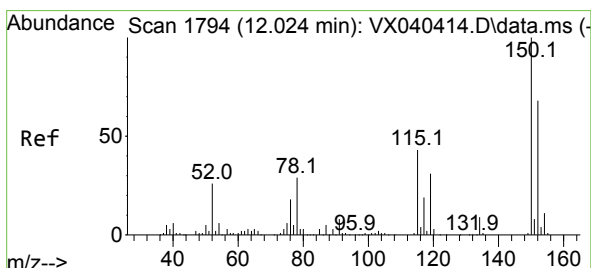
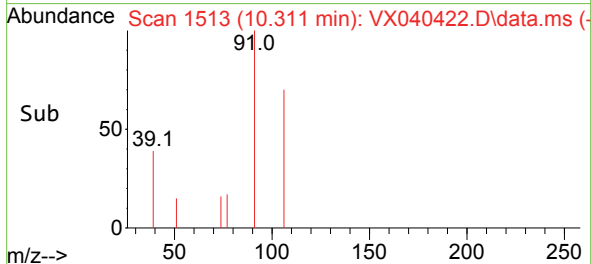
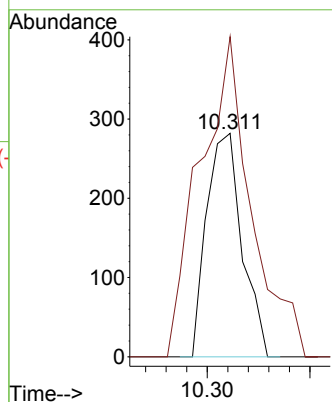
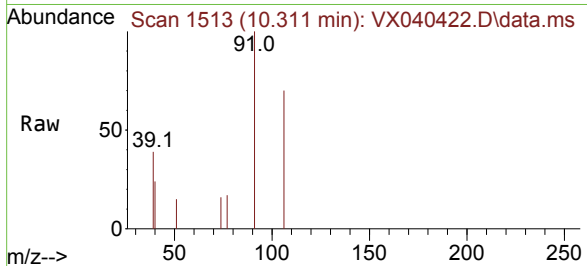




#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

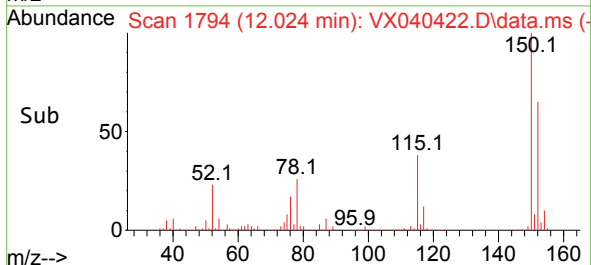
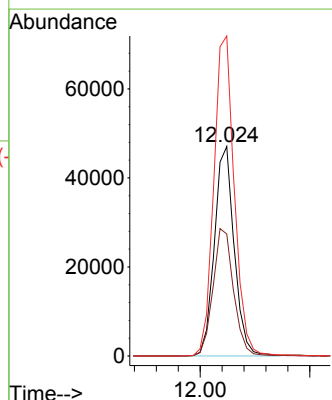
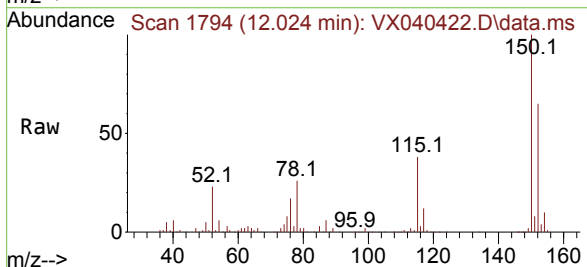
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

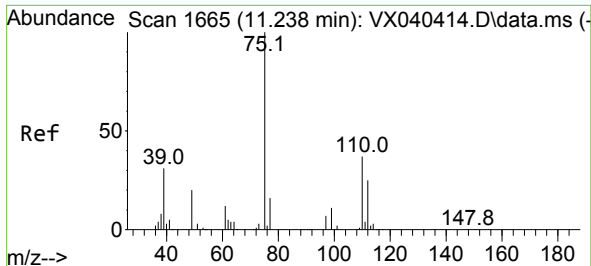
Tgt Ion:106 Resp: 337
Ion Ratio Lower Upper
106 100
91 207.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion:152 Resp: 59079
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 158.5 0.0 345.0

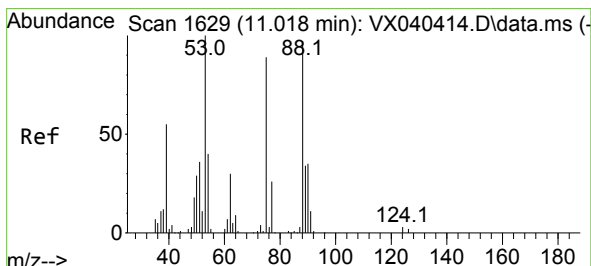
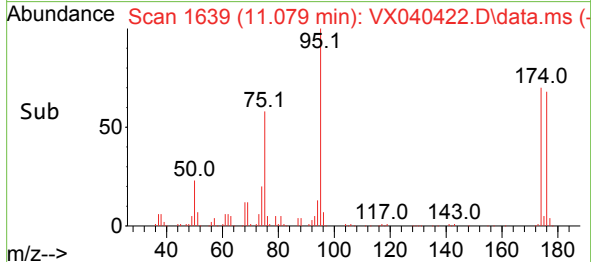
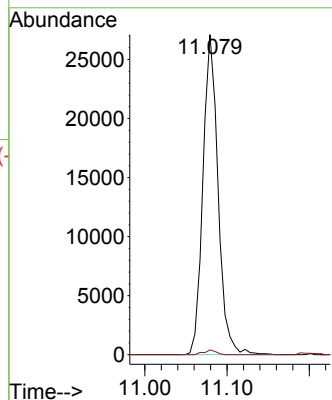
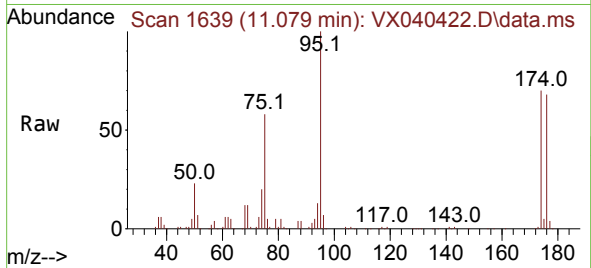




#76
1,2,3-Trichloropropane
Concen: 26.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

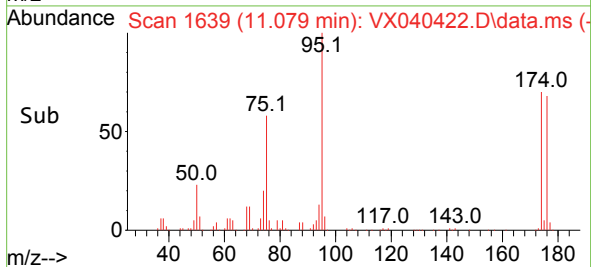
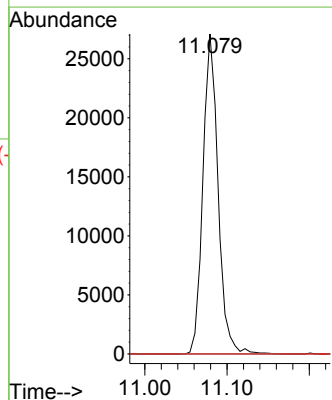
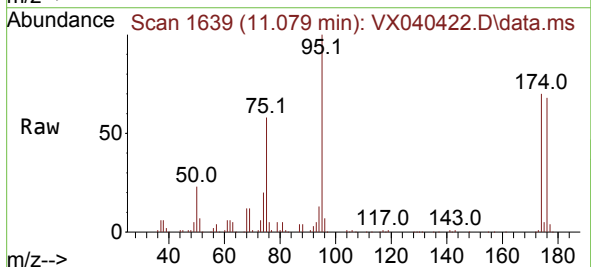
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

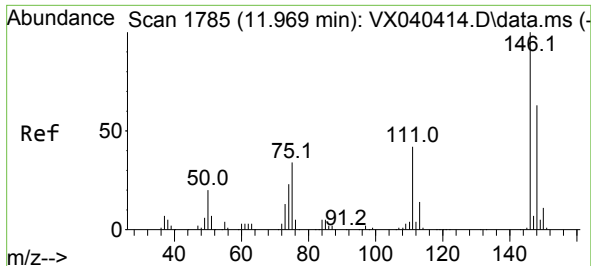
Tgt Ion: 75 Resp: 34633
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion: 75 Resp: 34633
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.213 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX040422.D

Acq: 23 Feb 2024 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0223WBL01

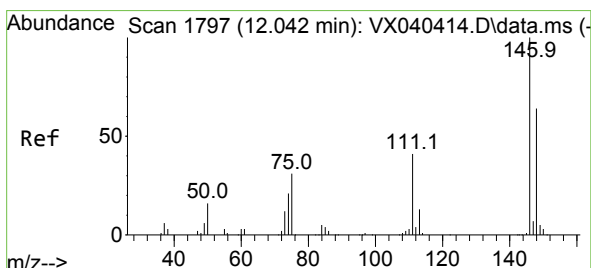
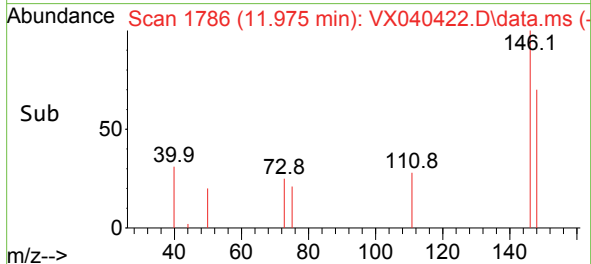
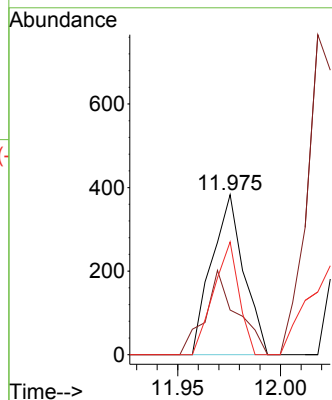
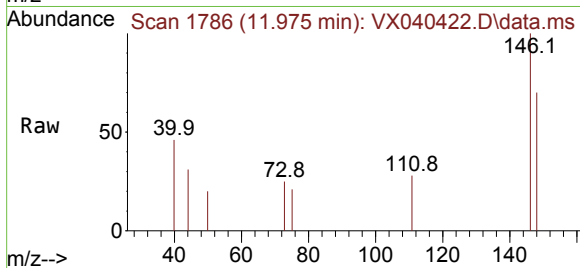
Tgt Ion:146 Resp: 417

Ion Ratio Lower Upper

146 100

111 52.5 22.1 66.1

148 55.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX040422.D

Acq: 23 Feb 2024 11:30

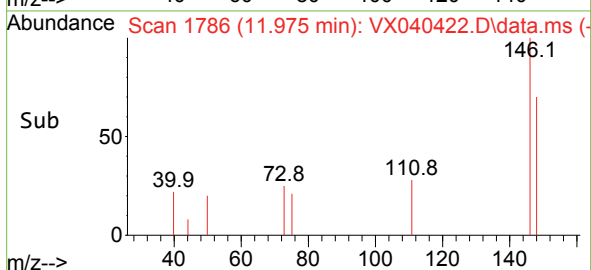
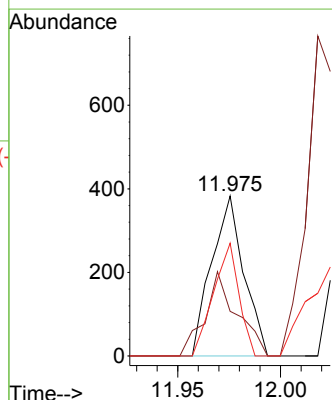
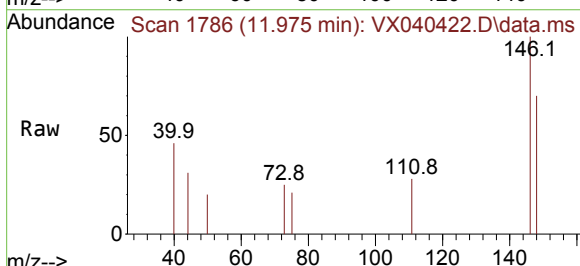
Tgt Ion:146 Resp: 417

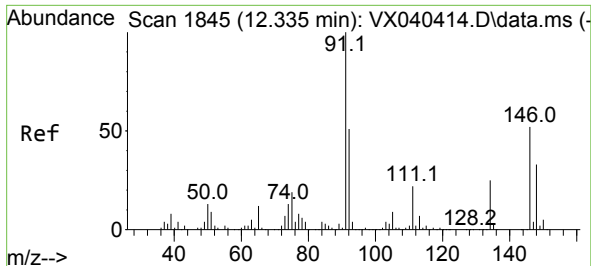
Ion Ratio Lower Upper

146 100

111 52.5 21.3 63.7

148 55.9 31.8 95.4

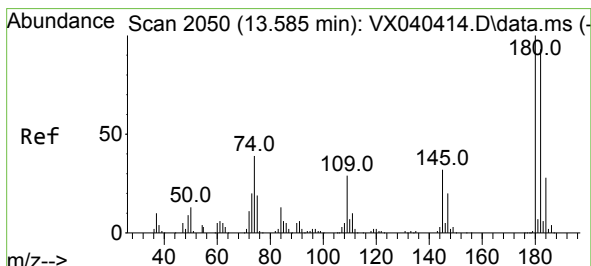
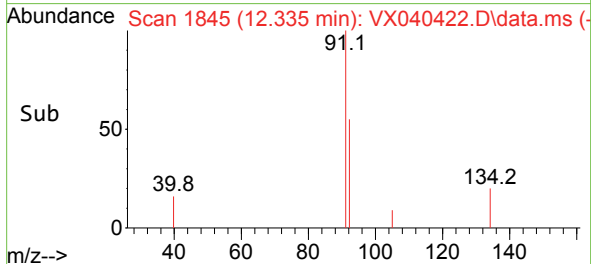
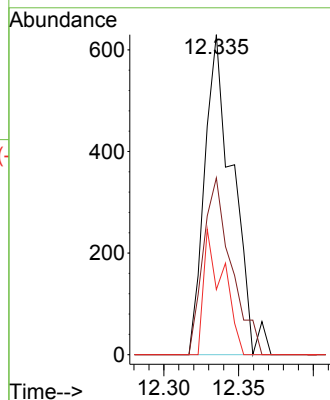
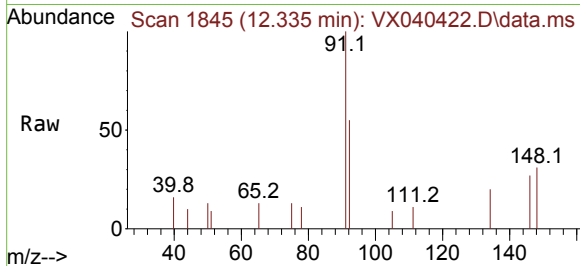




#89
n-Butylbenzene
Concen: 0.235 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

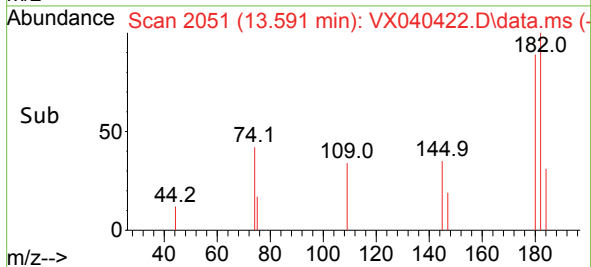
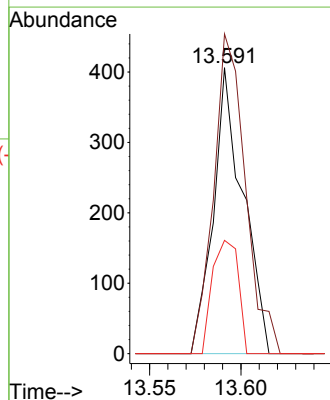
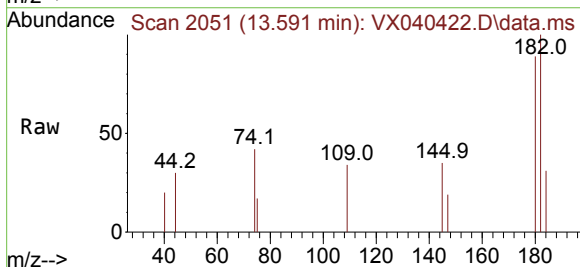
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

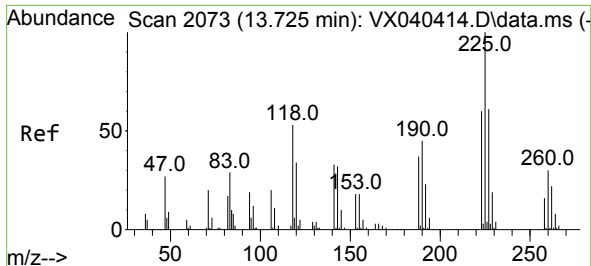
Tgt Ion: 91	Resp:	823
Ion Ratio	Lower	Upper
91 100		
92 55.3	27.4	82.0
134 27.5	12.6	37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.377 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

Tgt Ion:180	Resp:	458	
Ion	Ratio	Lower	Upper
180	100		
182	119.9	48.3	144.8
145	34.7	18.0	54.0

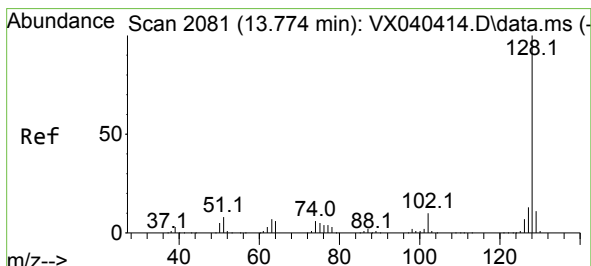
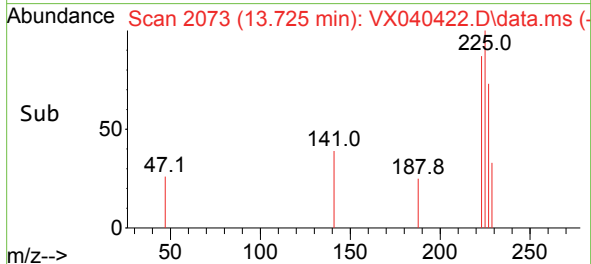
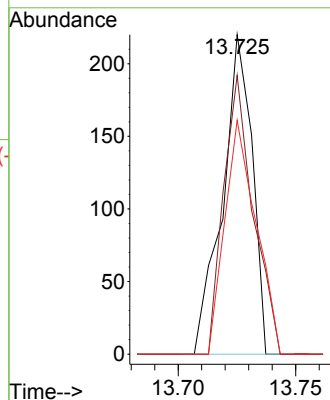
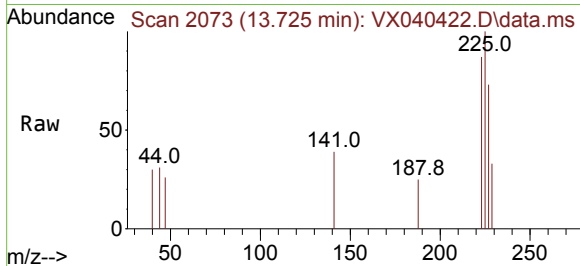




#94
Hexachlorobutadiene
Concen: 0.436 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

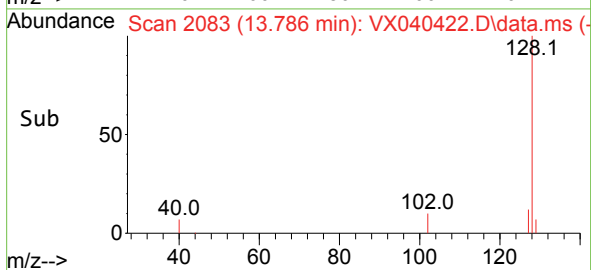
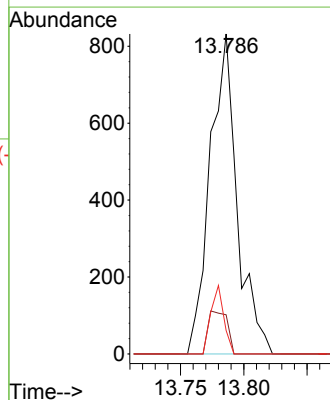
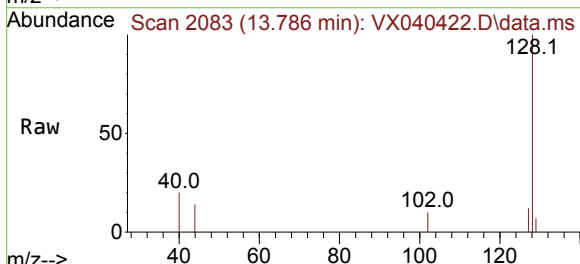
Instrument :
MSVOA_X
ClientSampleId :
VX0223WBL01

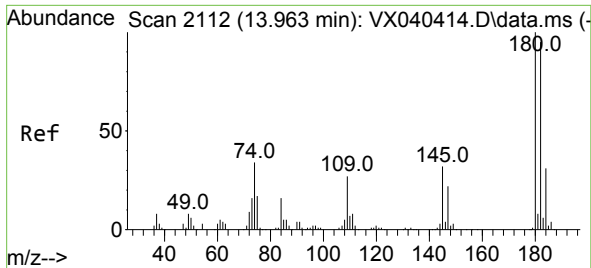
Tgt Ion:225	Resp:	192
Ion	Ratio	Lower Upper
225	100	
223	87.5	31.1 93.2
227	77.6	32.5 97.5



#95
Naphthalene
Concen: 0.317 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX040422.D
Acq: 23 Feb 2024 11:30

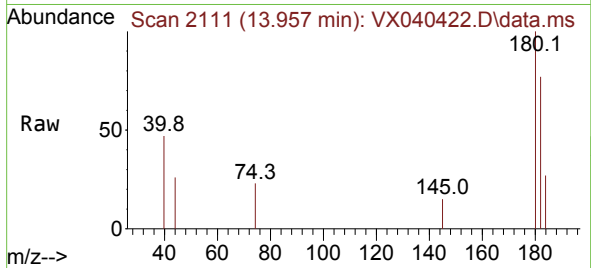
Tgt Ion:128	Resp:	1238
Ion	Ratio	Lower Upper
128	100	
127	9.5	10.3 15.5#
129	10.3	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.310 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX040422.D
 Acq: 23 Feb 2024 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBL01



Tgt Ion:180 Resp: 363
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.9 140.6
 145 16.3 17.8 53.5#

