

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040457.D
 Acq On : 26 Feb 2024 13:56
 Operator : JC/MD
 Sample : VX0226WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

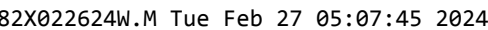
Quant Time: Feb 27 05:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

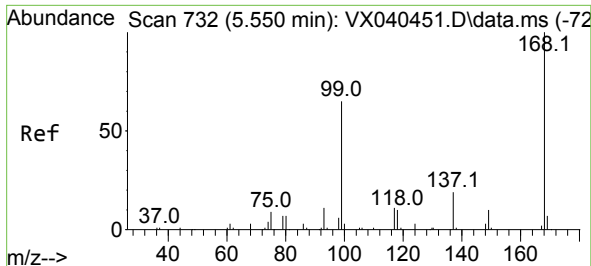
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	80803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64534	47.751	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.385	113	47171	48.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.647	98	174066	48.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	67872	50.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.220%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	129	0.215	ug/l	83
10) Methyl Iodide	2.471	142	18	3.023	ug/l #	34
13) Acrolein	2.239	56	187	1.284	ug/l #	52
15) Acrylonitrile	3.075	53	174	0.305	ug/l #	76
16) Acetone	2.380	43	93	0.211	ug/l #	47
17) Carbon Disulfide	2.514	76	1346	0.528	ug/l #	76
20) Methylene Chloride	2.788	84	724	0.686	ug/l #	71
31) Cyclohexane	5.556	56	2283	1.491	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	7794	5.168	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9088	6.238	ug/l #	16
68) m/p-Xylenes	10.305	106	446	0.225	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	39487	26.501	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39487	77.019	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	646	0.275	ug/l #	80
88) 1,4-Dichlorobenzene	12.043	146	710	0.297	ug/l #	44
89) n-Butylbenzene	12.335	91	991	0.233	ug/l	92
93) 1,2,4-Trichlorobenzene	13.597	180	592	0.405	ug/l	94
94) Hexachlorobutadiene	13.719	225	264	0.442	ug/l	79
95) Naphthalene	13.780	128	1370	0.293	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.963	180	425	0.306	ug/l	92

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

Quant Time: Feb 27 05:07:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

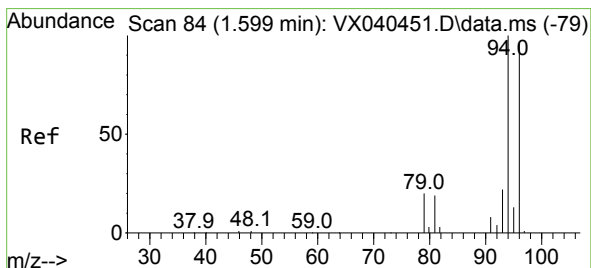
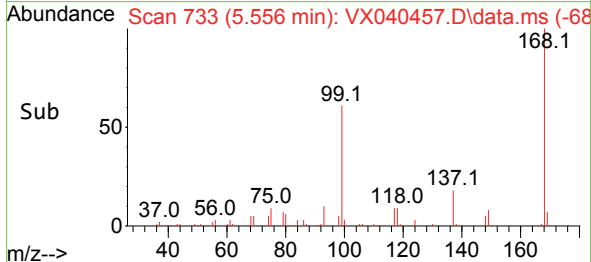
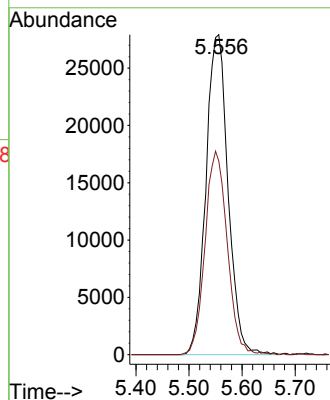
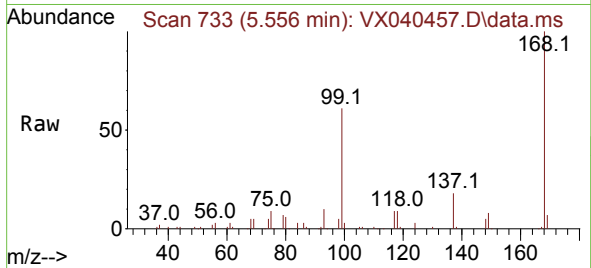




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

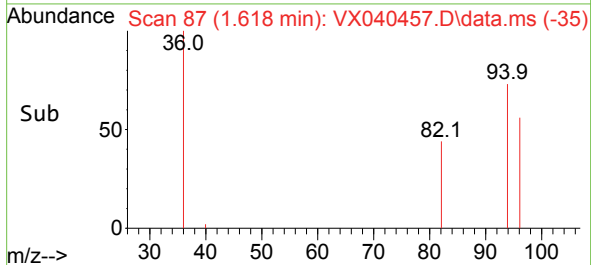
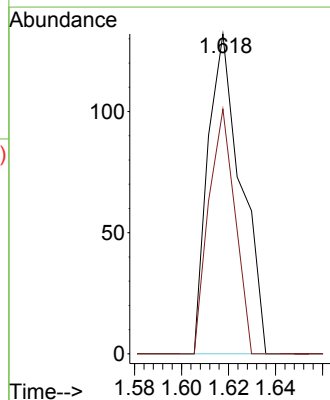
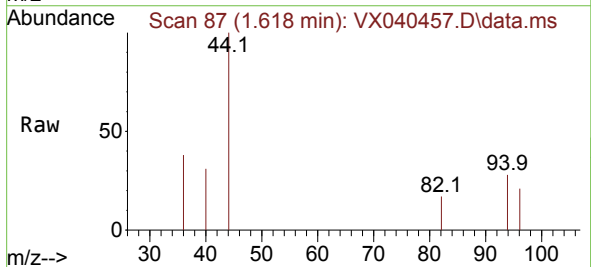
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

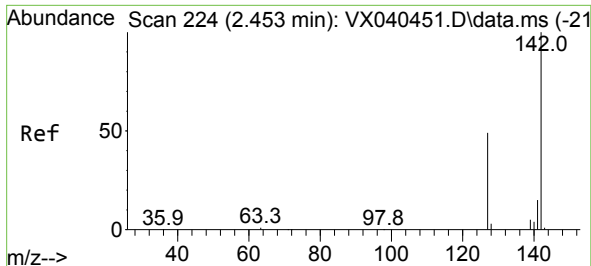
Tgt Ion:168 Resp: 80803
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#5
Bromomethane
Concen: 0.215 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 76.5 74.6 111.8

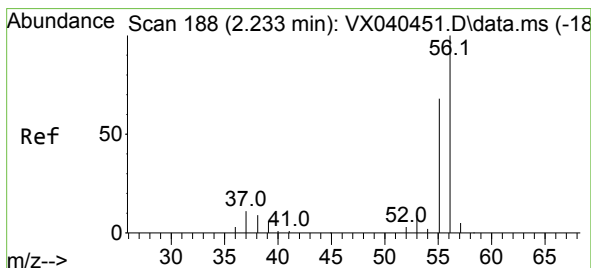
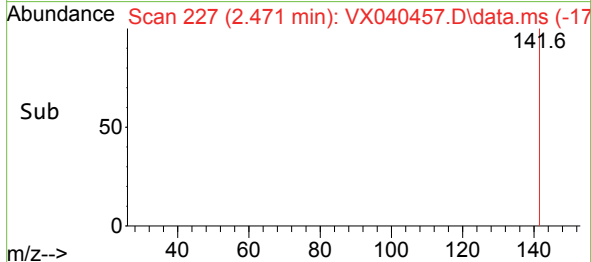
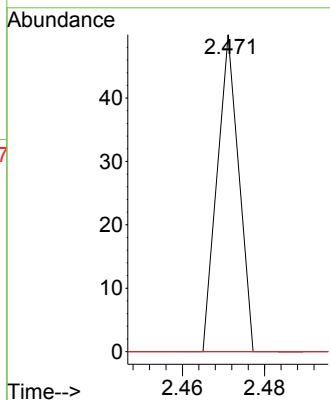
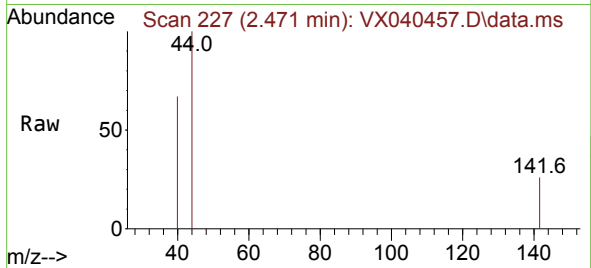




#10
Methyl Iodide
Concen: 3.023 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

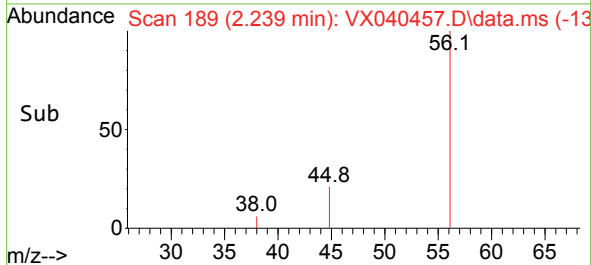
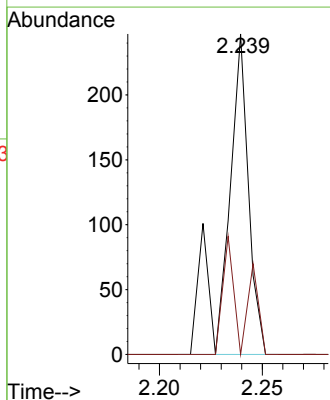
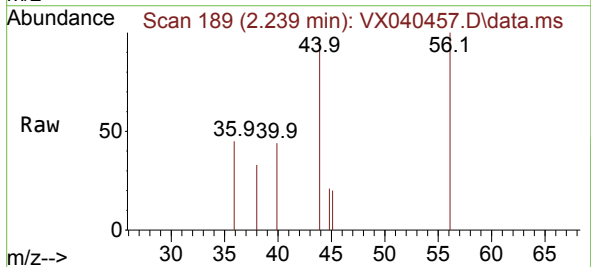
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

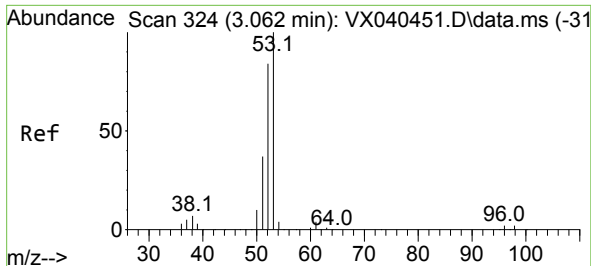
Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#13
Acrolein
Concen: 1.284 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 31.6 57.1 85.7#

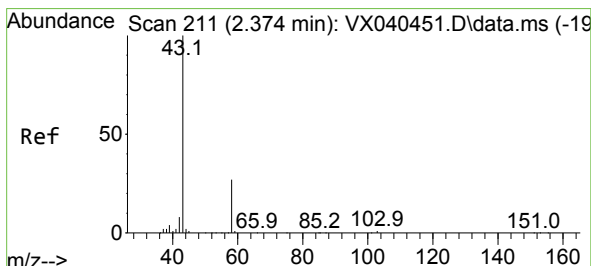
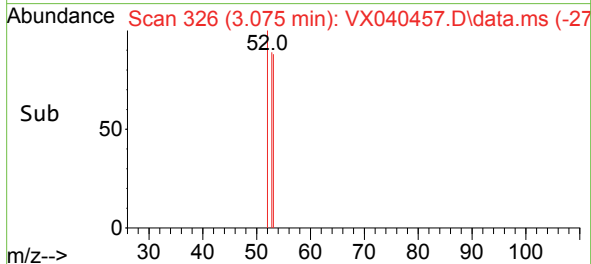
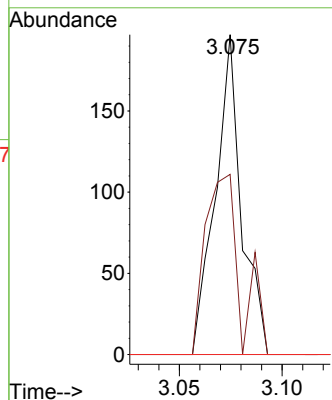
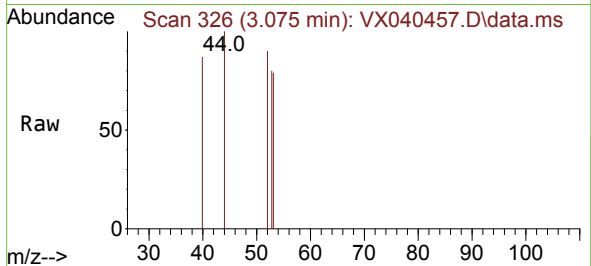




#15
Acrylonitrile
Concen: 0.305 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

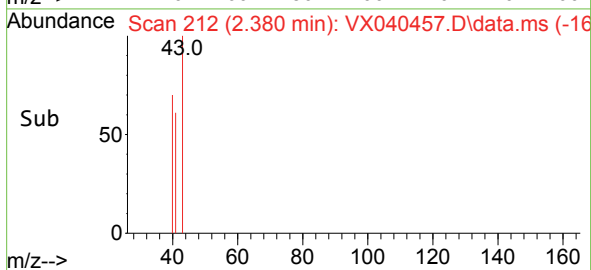
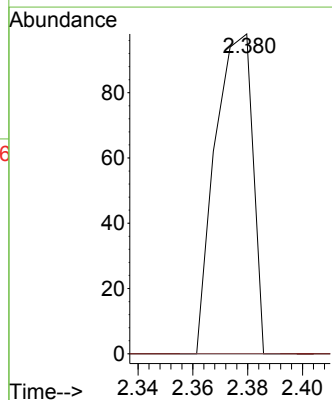
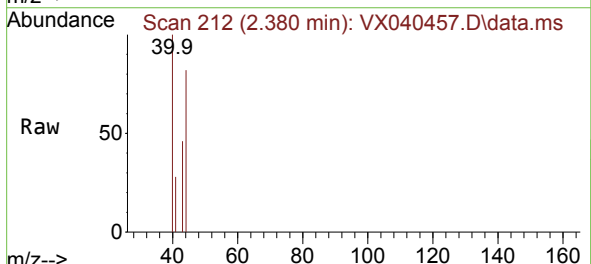
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

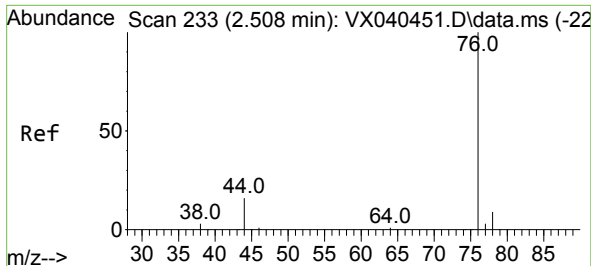
Tgt Ion: 53 Resp: 174
Ion Ratio Lower Upper
53 100
52 75.9 66.0 99.0
51 0.0 29.8 44.6#



#16
Acetone
Concen: 0.211 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.528 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040457.D

Acq: 26 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

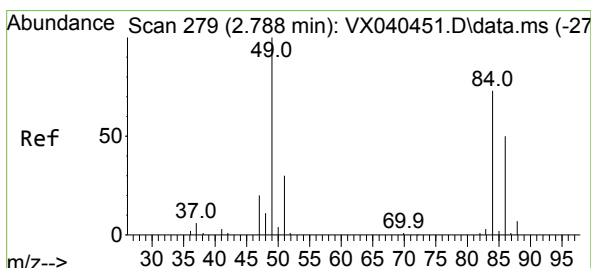
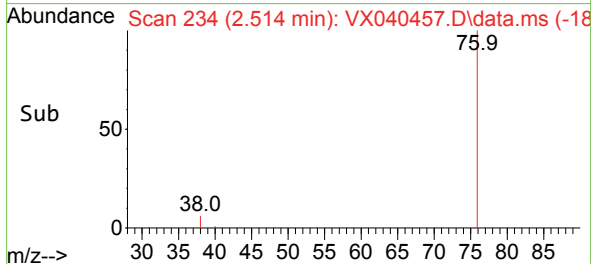
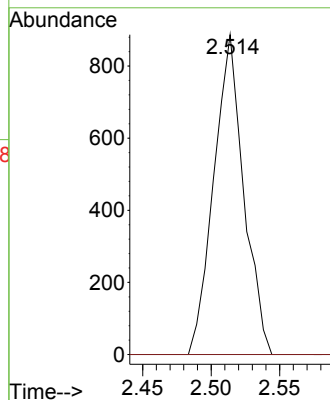
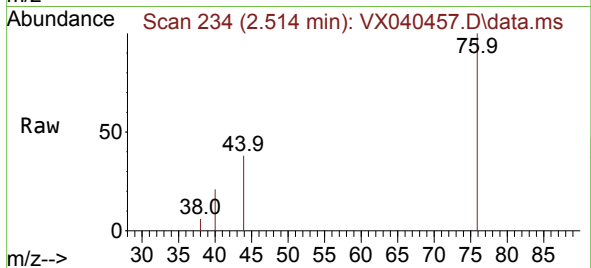
VX0226WBL01

Tgt Ion: 76 Resp: 1346

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.686 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040457.D

Acq: 26 Feb 2024 13:56

Tgt Ion: 84 Resp: 724

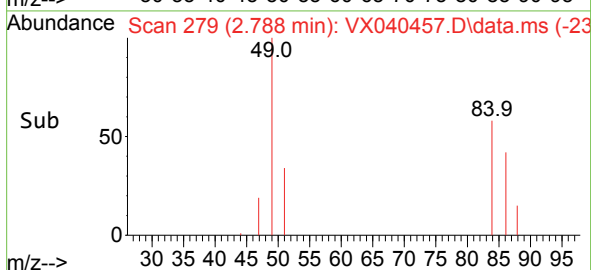
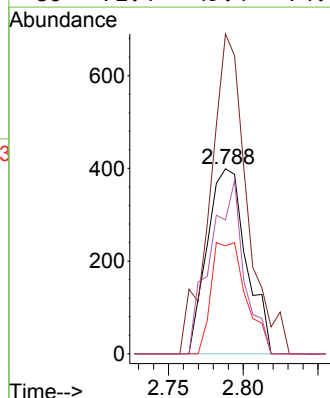
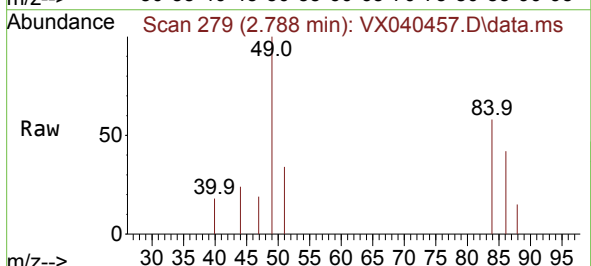
Ion Ratio Lower Upper

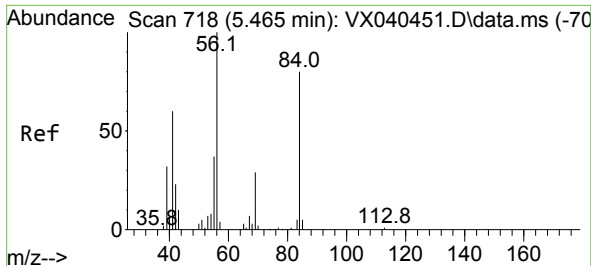
84 100

49 172.9 103.6 155.4#

51 58.4 33.8 50.6#

86 72.4 49.4 74.0

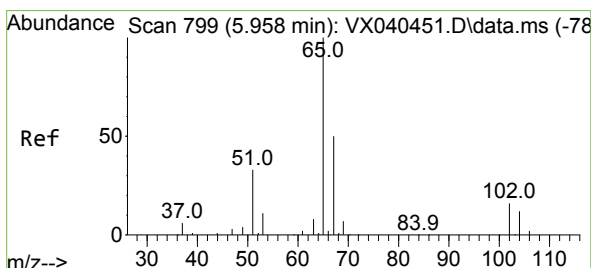
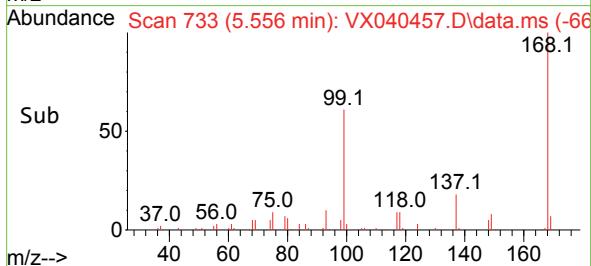
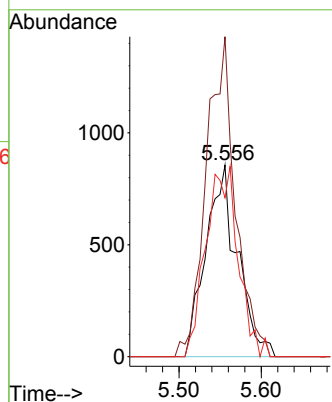
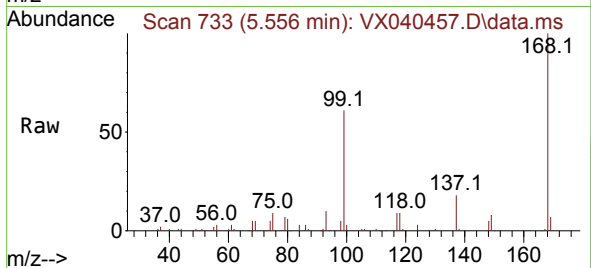




#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

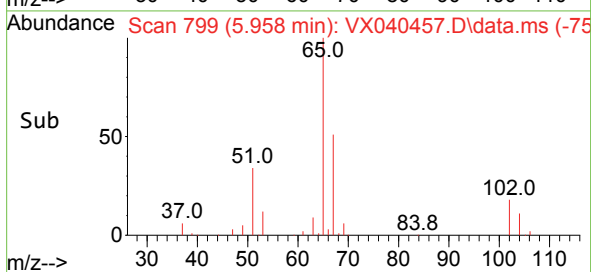
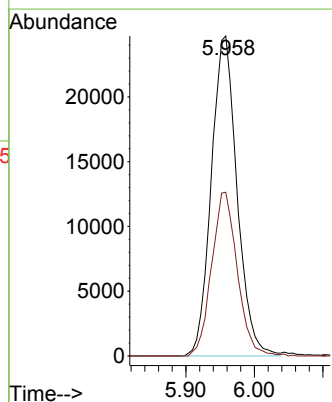
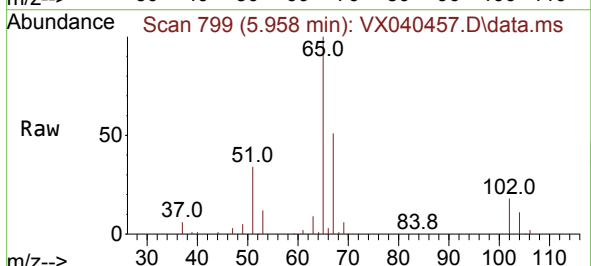
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

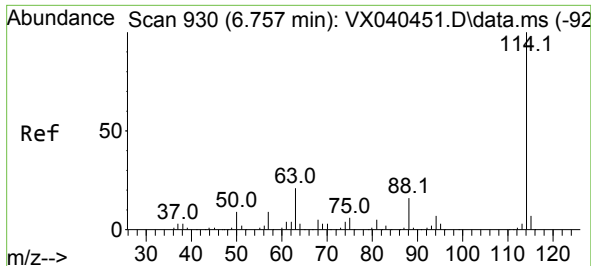
Tgt Ion: 56 Resp: 2283
Ion Ratio Lower Upper
56 100
69 167.1 23.4 35.2#
84 82.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.751 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 65 Resp: 64534
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

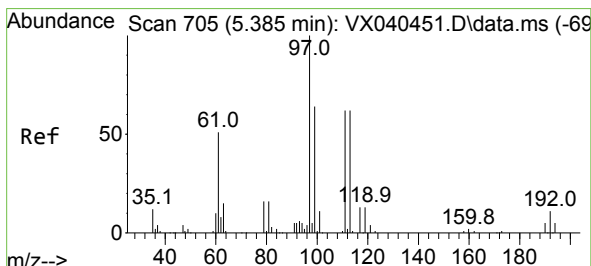
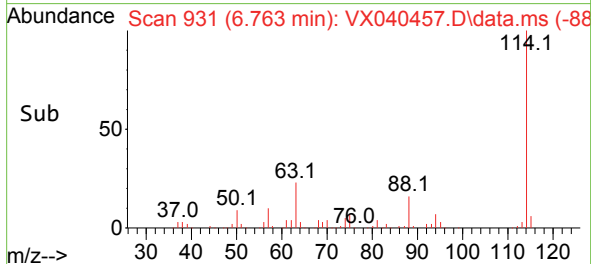
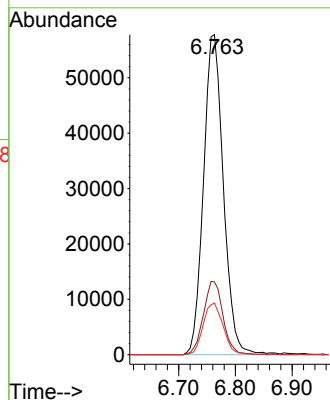
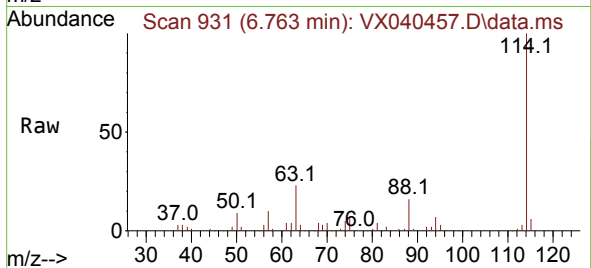




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

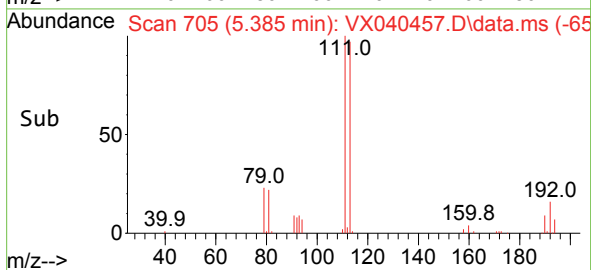
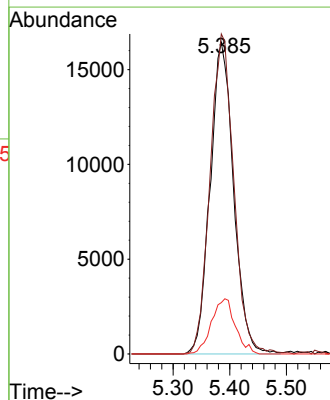
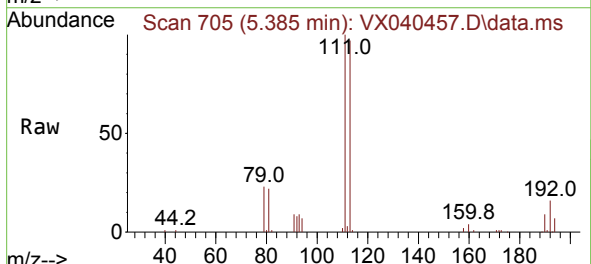
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

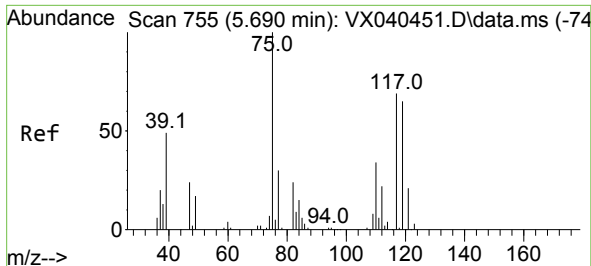
Tgt Ion:114 Resp: 140762
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion:113 Resp: 47171
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.0 13.3 19.9

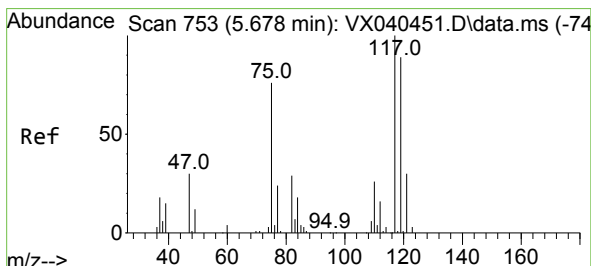
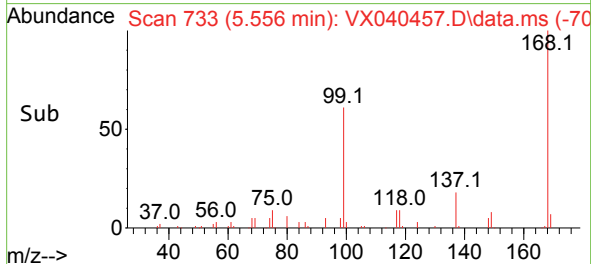
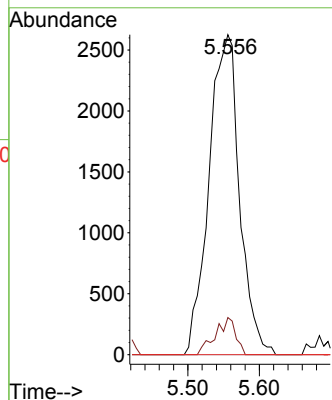
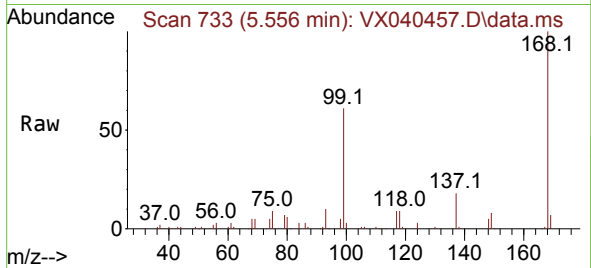




#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

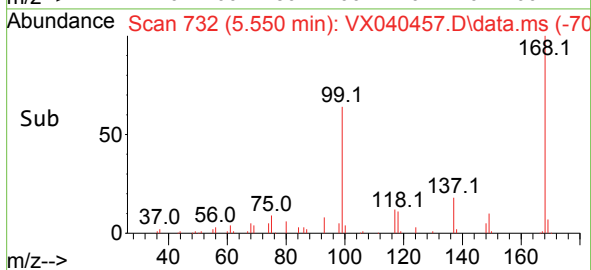
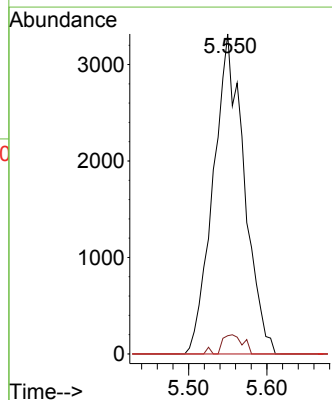
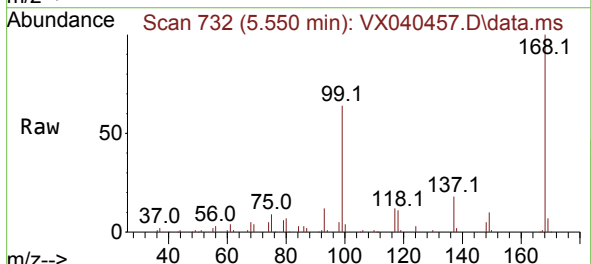
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

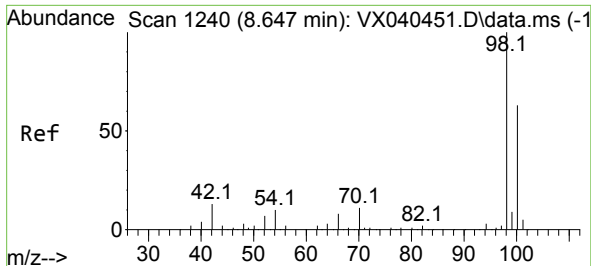
Tgt Ion: 75 Resp: 7794
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 117 Resp: 9088
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

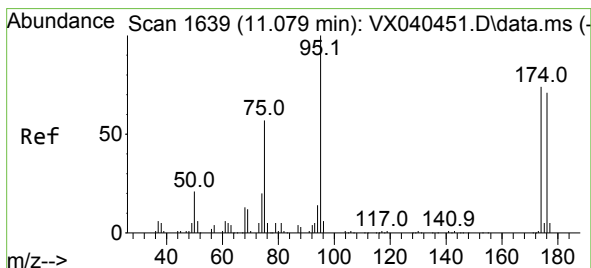
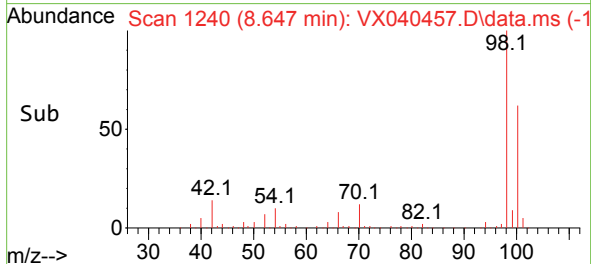
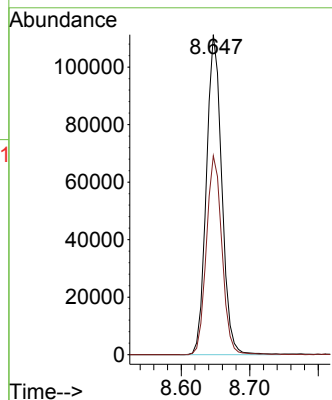
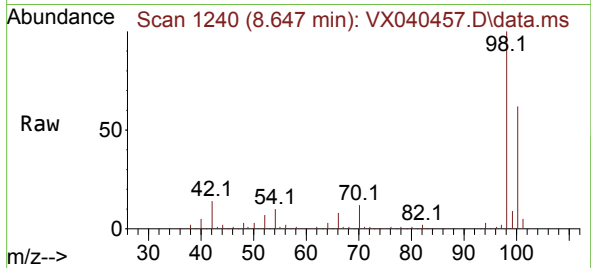




#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

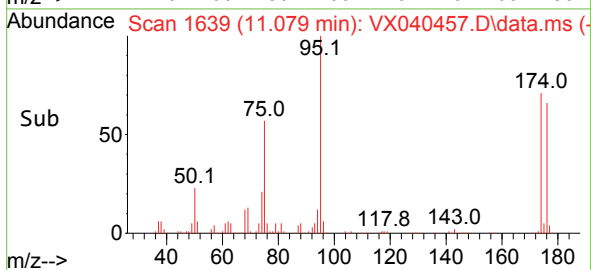
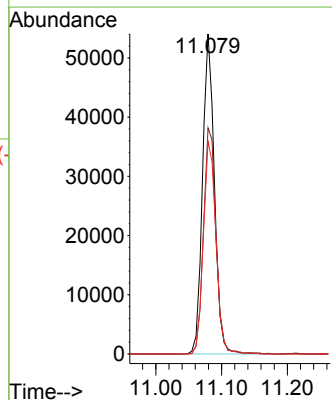
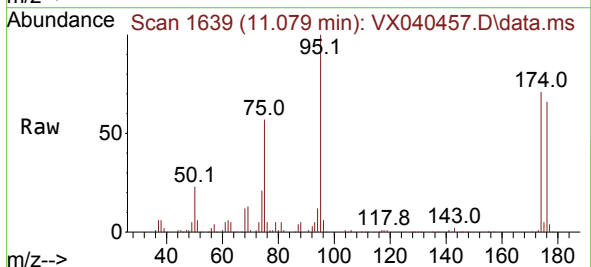
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

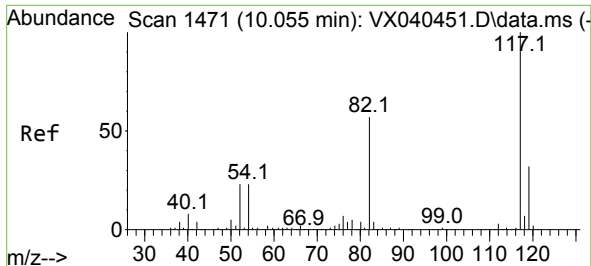
Tgt Ion: 98 Resp: 174066
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion: 95 Resp: 67872
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.6 0.0 131.0

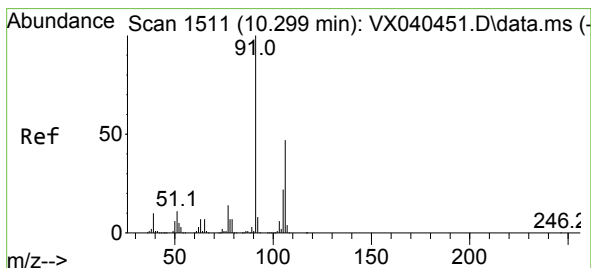
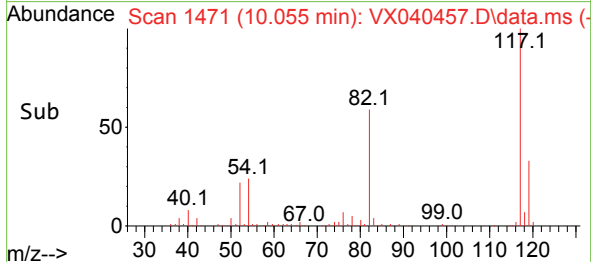
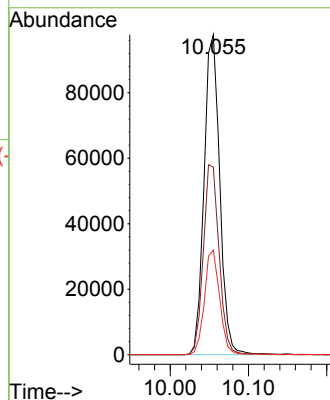
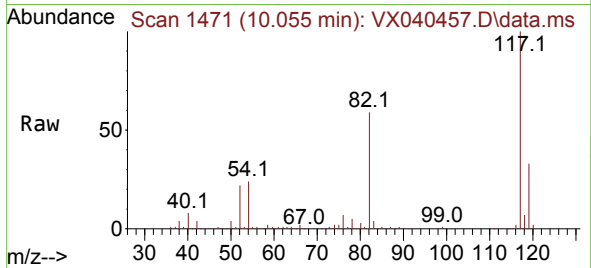




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

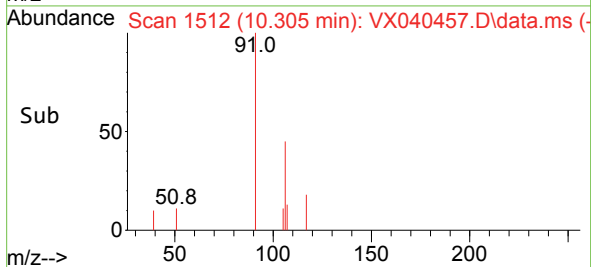
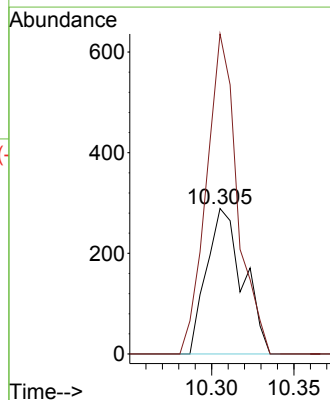
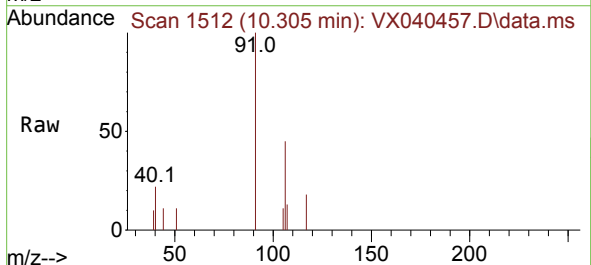
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

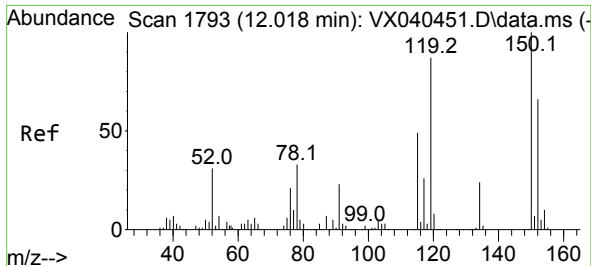
Tgt Ion:117 Resp: 136112
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.225 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion:106 Resp: 446
Ion Ratio Lower Upper
106 100
91 187.4 165.5 248.3

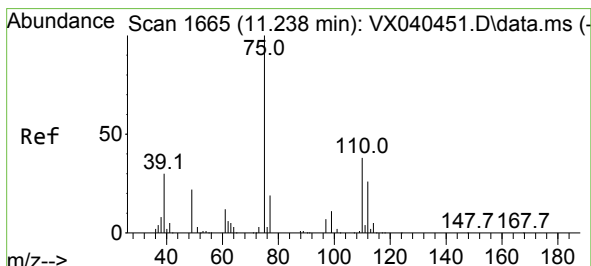
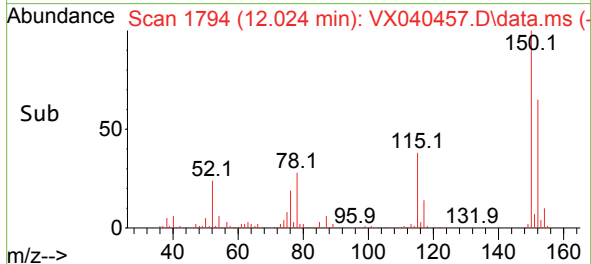
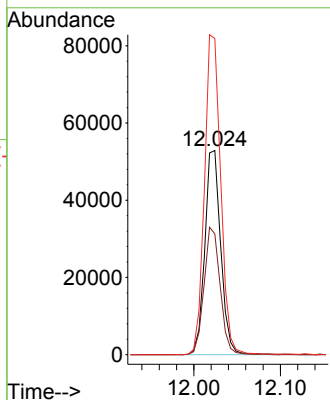
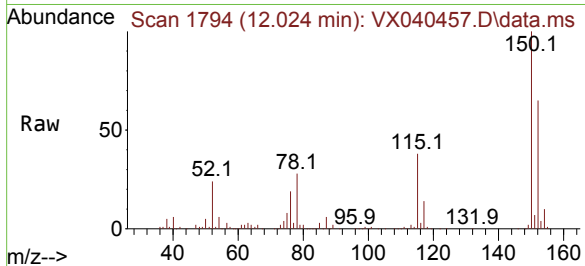




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX040457.D
 Acq: 26 Feb 2024 13:56

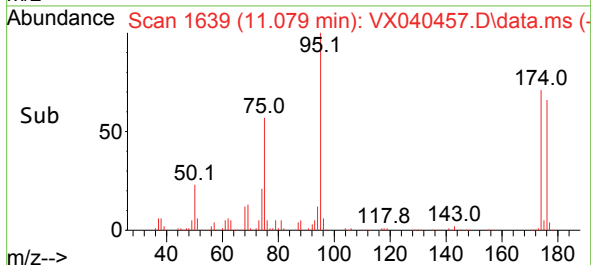
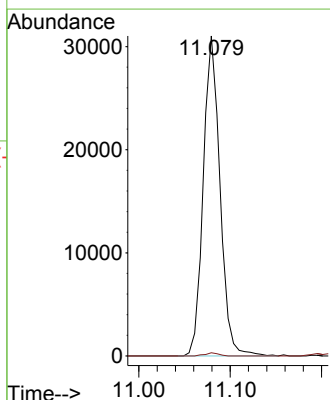
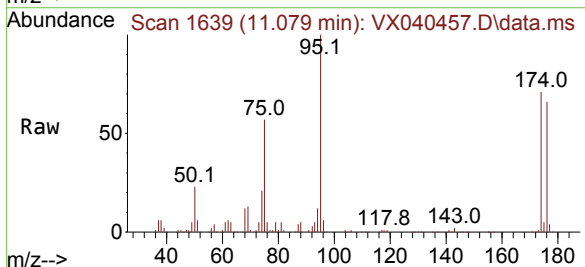
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

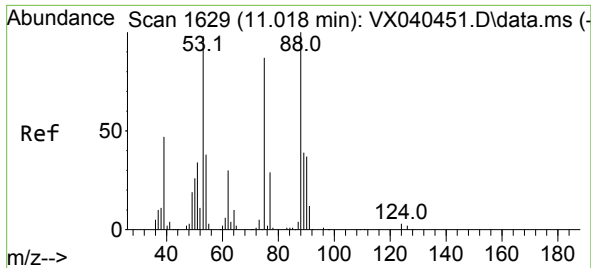
Tgt Ion:152 Resp: 67703
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 159.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.501 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040457.D
 Acq: 26 Feb 2024 13:56

Tgt Ion: 75 Resp: 39487
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#

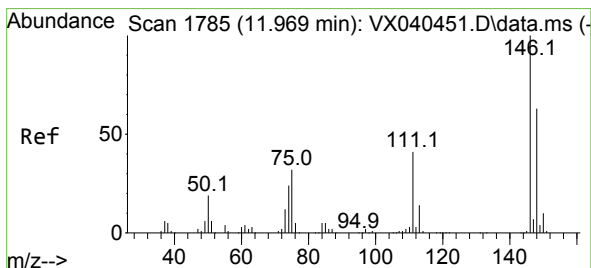
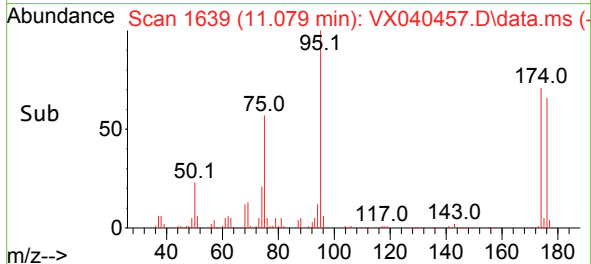
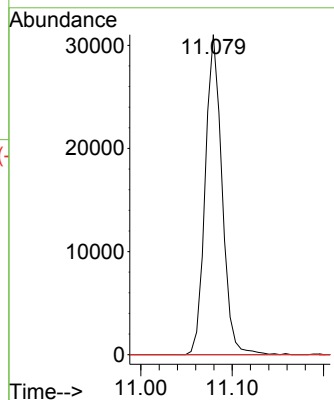
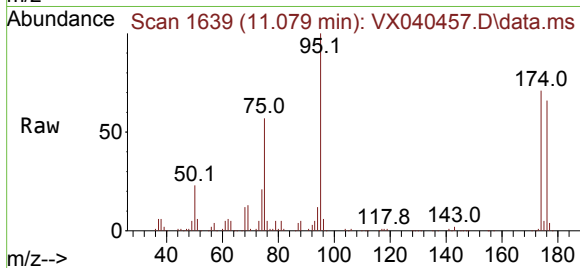




#81
trans-1,4-Dichloro-2-butene
Concen: 77.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

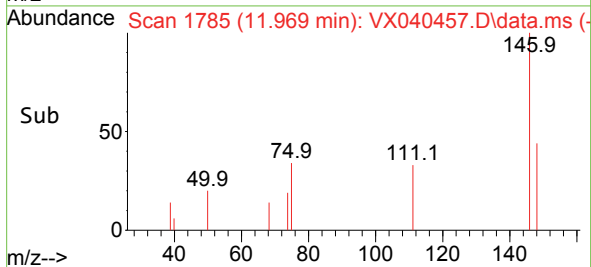
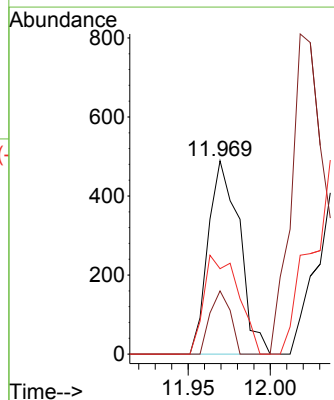
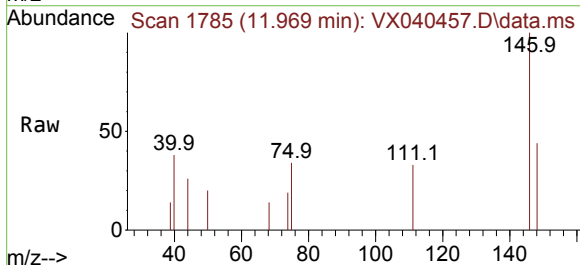
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

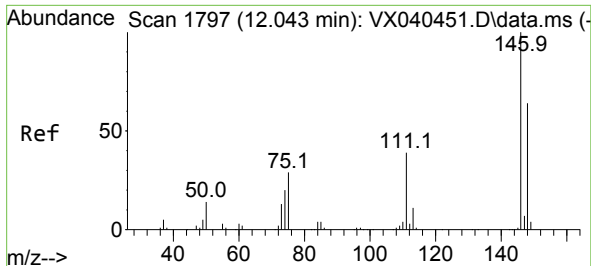
Tgt Ion: 75 Resp: 39487
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.275 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion:146 Resp: 646
Ion Ratio Lower Upper
146 100
111 21.2 22.1 66.1#
148 56.7 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.297 ug/l

RT: 12.043 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040457.D

Acq: 26 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

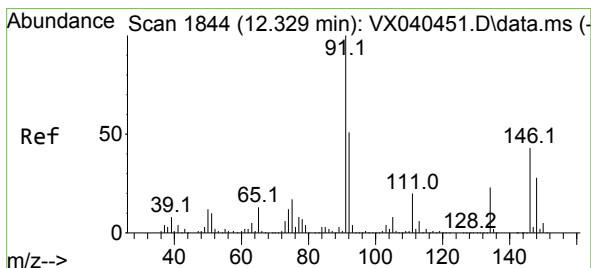
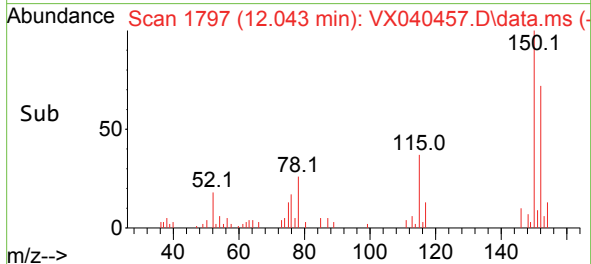
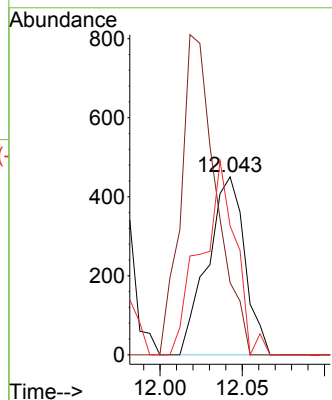
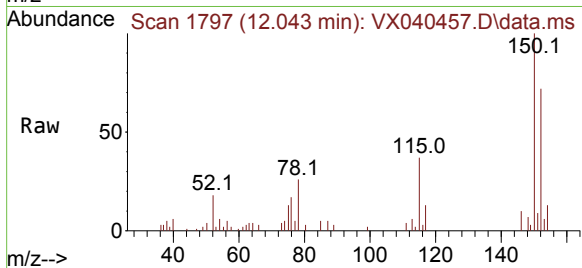
Tgt Ion:146 Resp: 710

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 101.4 31.8 95.4#



#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040457.D

Acq: 26 Feb 2024 13:56

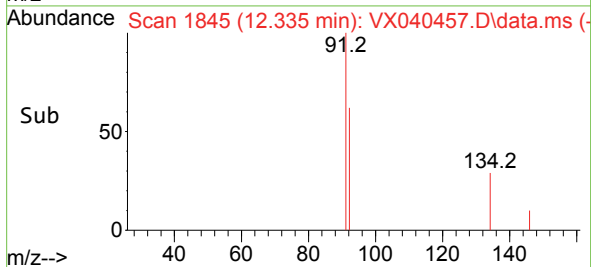
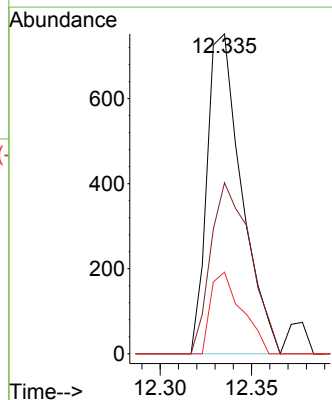
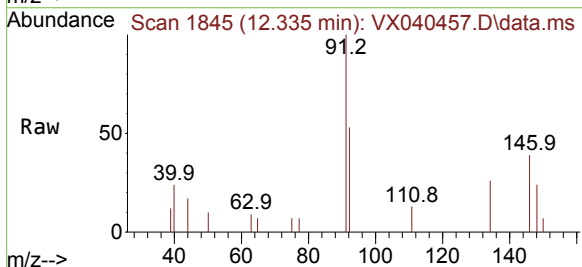
Tgt Ion: 91 Resp: 991

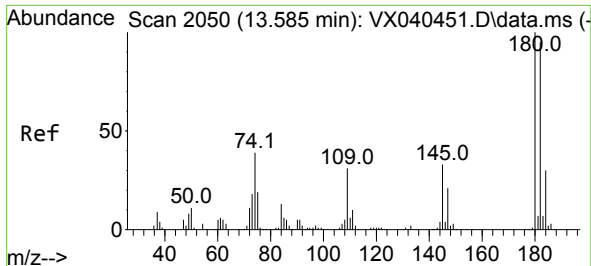
Ion Ratio Lower Upper

91 100

92 61.6 27.4 82.0

134 23.0 12.6 37.8

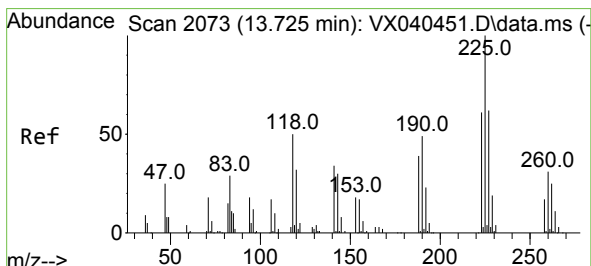
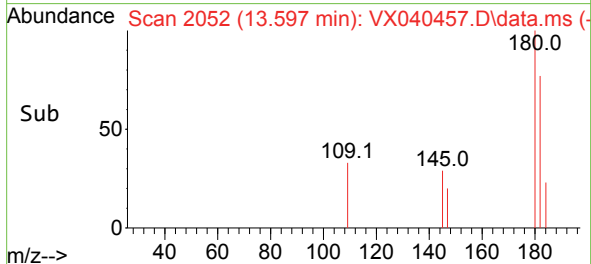
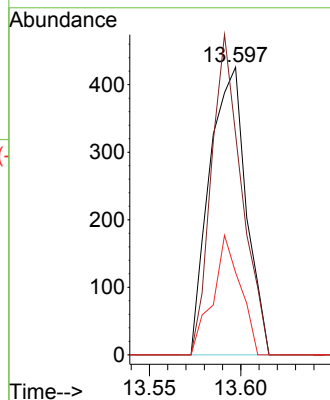
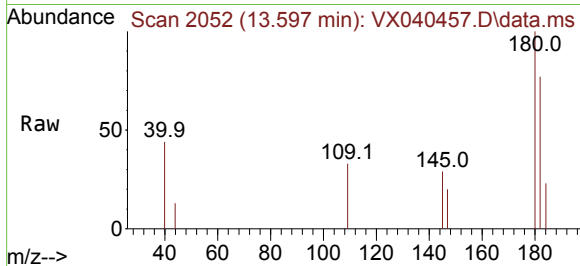




#93
 1,2,4-Trichlorobenzene
 Concen: 0.405 ug/l
 RT: 13.597 min Scan# 2050
 Delta R.T. 0.012 min
 Lab File: VX040457.D
 Acq: 26 Feb 2024 13:56

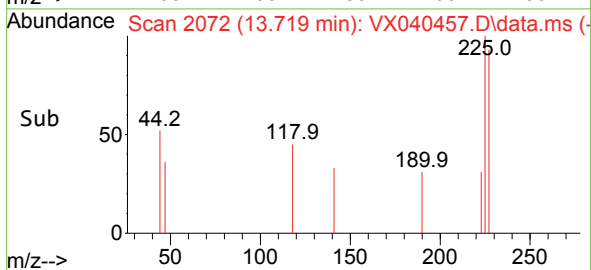
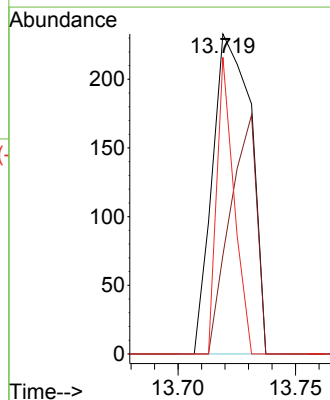
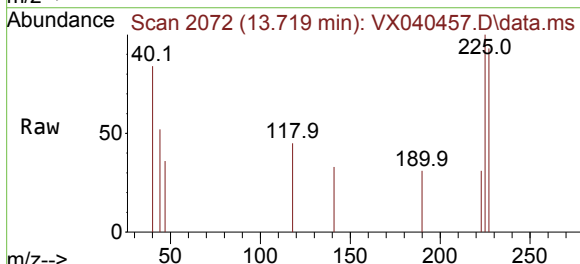
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

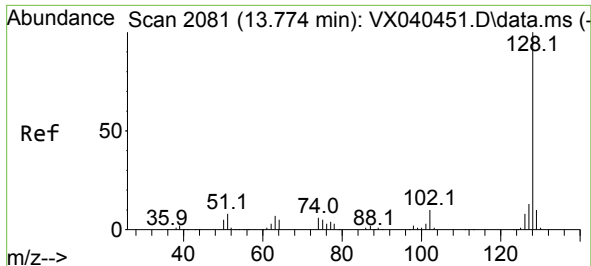
Tgt Ion:180 Resp: 592
 Ion Ratio Lower Upper
 180 100
 182 91.9 48.3 144.8
 145 31.4 18.0 54.0



#94
 Hexachlorobutadiene
 Concen: 0.442 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX040457.D
 Acq: 26 Feb 2024 13:56

Tgt Ion:225 Resp: 264
 Ion Ratio Lower Upper
 225 100
 223 52.7 31.1 93.2
 227 41.7 32.5 97.5

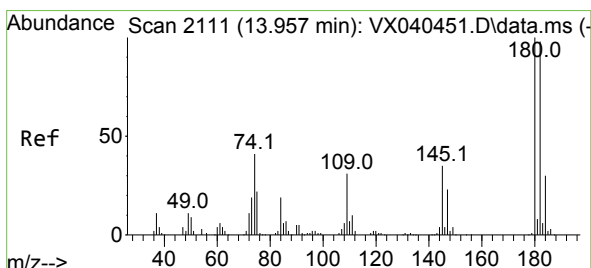
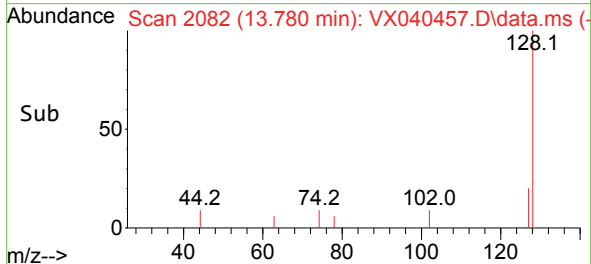
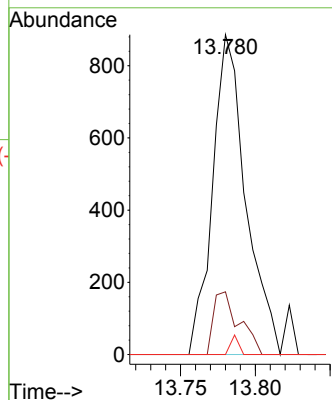
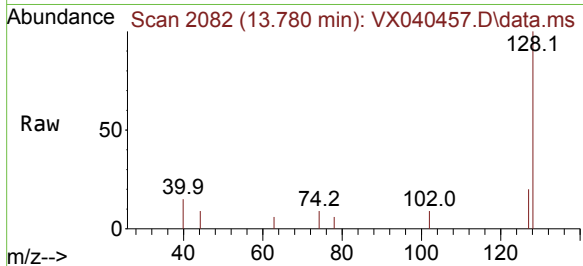




#95
Naphthalene
Concen: 0.293 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

Tgt Ion:128 Resp: 1370
Ion Ratio Lower Upper
128 100
127 15.0 10.3 15.5
129 1.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.306 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040457.D
Acq: 26 Feb 2024 13:56

Tgt Ion:180 Resp: 425
Ion Ratio Lower Upper
180 100
182 97.4 46.9 140.6
145 24.0 17.8 53.5

