

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040456.D
 Acq On : 26 Feb 2024 13:33
 Operator : JC/MD
 Sample : VX0226MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226MBL01

Quant Time: Feb 27 05:07:11 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)

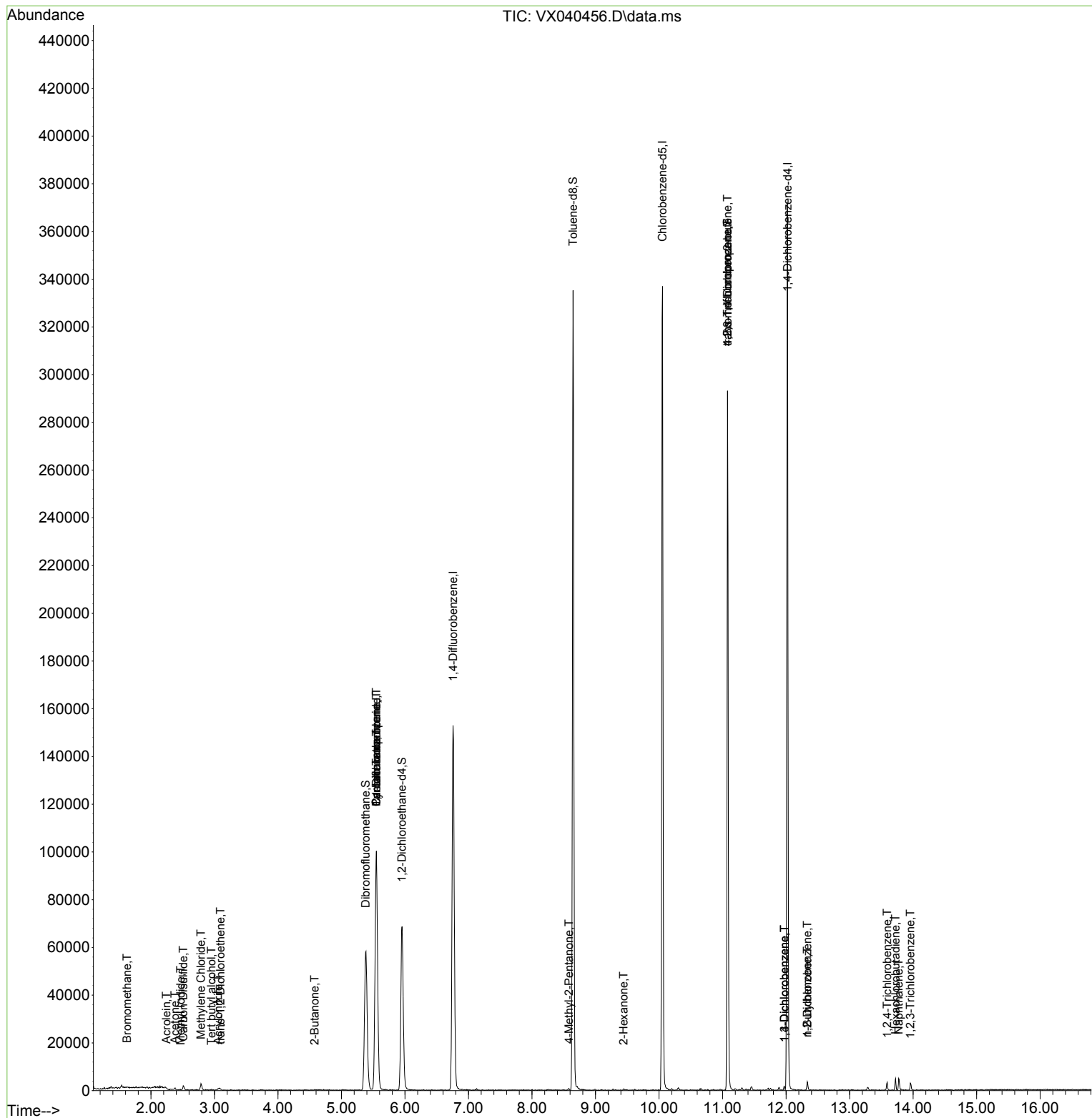
Internal Standards						
1) Pentafluorobenzene	5.550	168	86439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67940	46.993	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.379	113	50661	48.613	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	8.646	98	185519	49.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	72107	50.006	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds						Qvalue
5) Bromomethane	1.623	94	202	0.315	ug/l #	3
10) Methyl Iodide	2.465	142	65	3.067	ug/l #	34
11) Tert butyl alcohol	2.952	59	102	0.420	ug/l #	78
13) Acrolein	2.239	56	316	2.028	ug/l	99
15) Acrylonitrile	3.062	53	519	0.851	ug/l	96
16) Acetone	2.379	43	417	0.884	ug/l #	85
17) Carbon Disulfide	2.507	76	2153	0.789	ug/l #	93
20) Methylene Chloride	2.788	84	1063	0.942	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	225	0.214	ug/l	82
25) 2-Butanone	4.574	43	287	0.349	ug/l #	51
31) Cyclohexane	5.550	56	2468	1.507	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	7885	4.911	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9444	6.089	ug/l #	16
51) 4-Methyl-2-Pentanone	8.579	43	424	0.233	ug/l	88
59) 2-Hexanone	9.439	43	292	0.208	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	41109	25.456	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41109	74.227	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	655	0.257	ug/l	89
88) 1,4-Dichlorobenzene	11.975	146	655	0.253	ug/l	90
89) n-Butylbenzene	12.335	91	1393	0.302	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	491	0.202	ug/l #	62
93) 1,2,4-Trichlorobenzene	13.591	180	999	0.631	ug/l	89
94) Hexachlorobutadiene	13.725	225	722	1.115	ug/l	91
95) Naphthalene	13.774	128	3124	0.617	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	823	0.547	ug/l	87

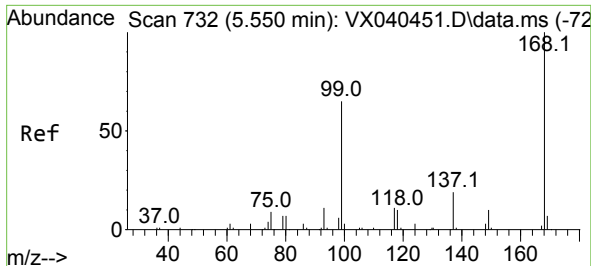
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
Data File : VX040456.D
Acq On : 26 Feb 2024 13:33
Operator : JC/MD
Sample : VX0226MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

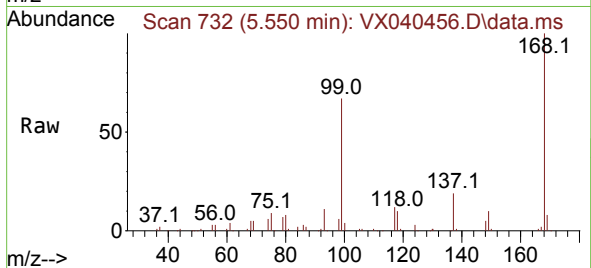
Quant Time: Feb 27 05:07:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration



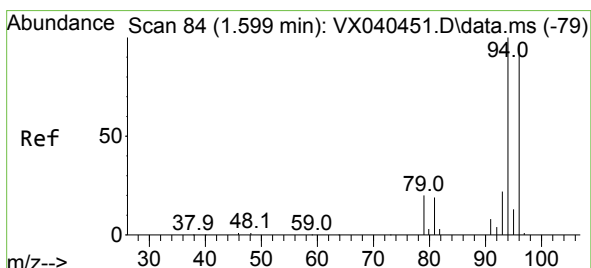
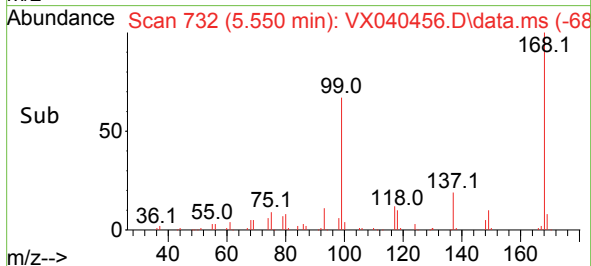
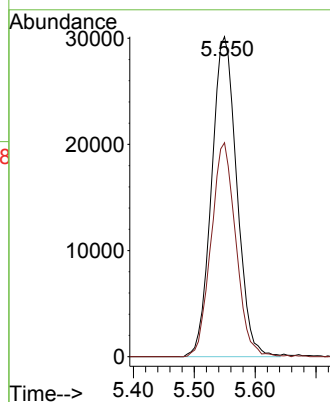


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

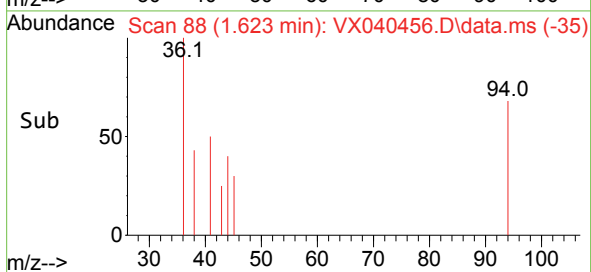
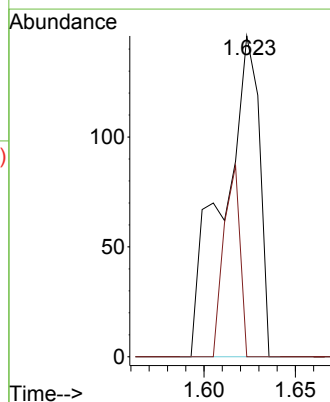
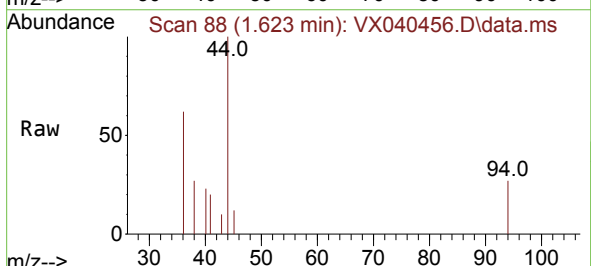


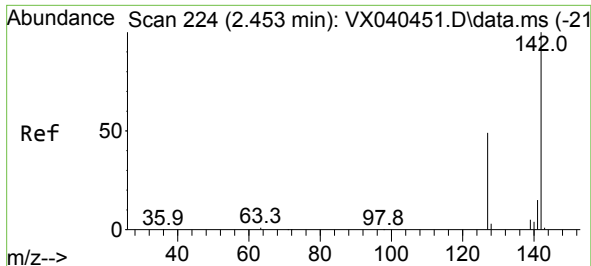
Tgt Ion:168 Resp: 86439
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 94 Resp: 202
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

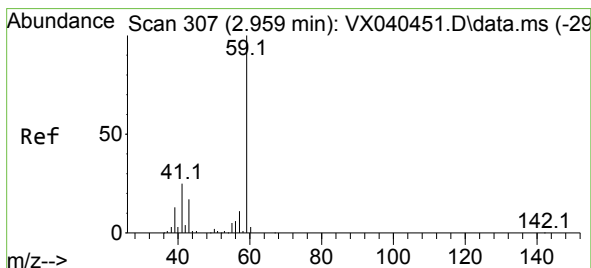
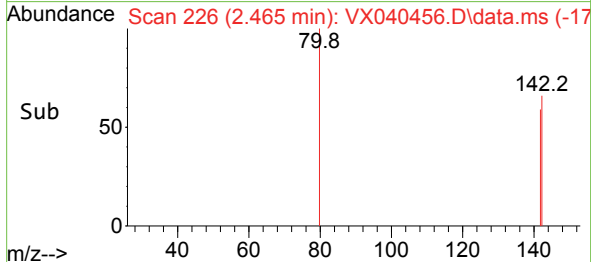
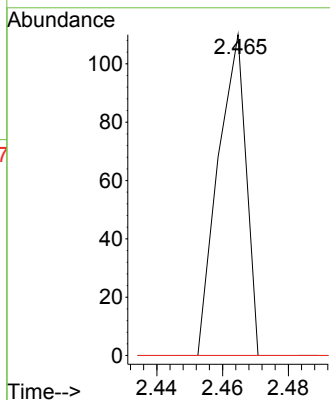
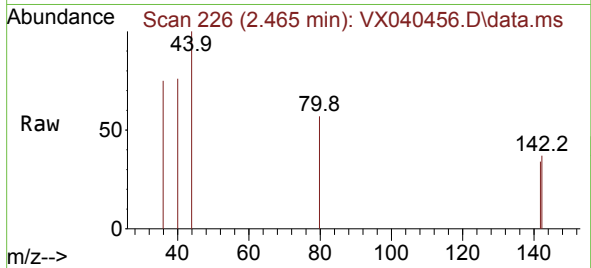




#10
Methyl Iodide
Concen: 3.067 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

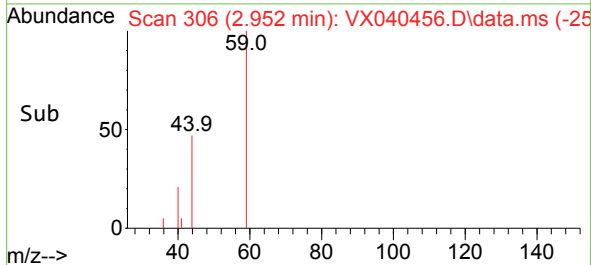
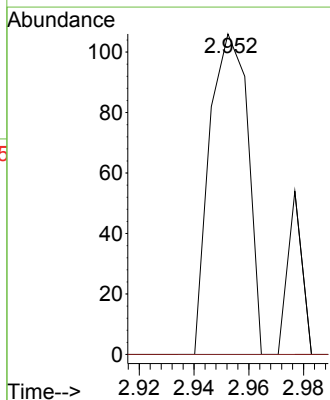
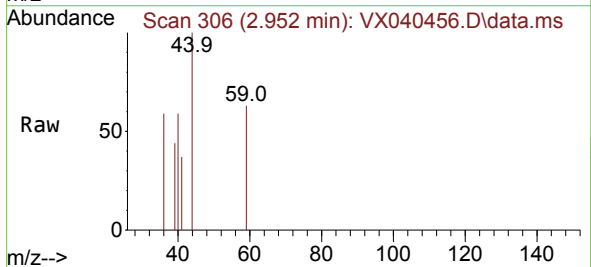
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

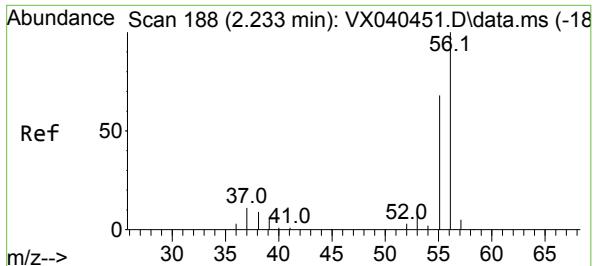
Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.420 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

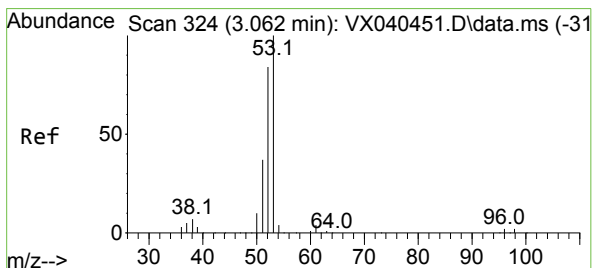
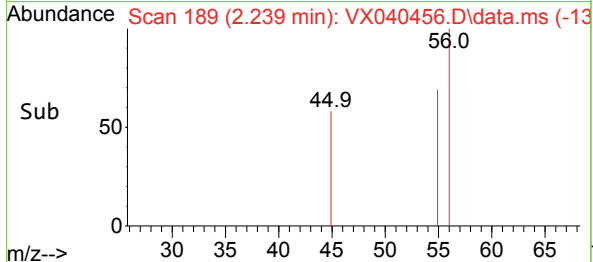
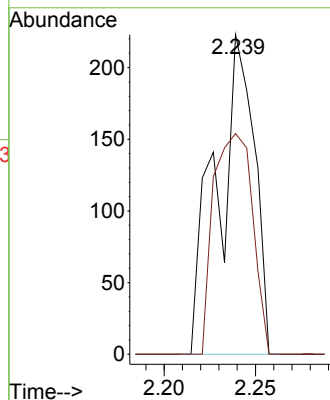
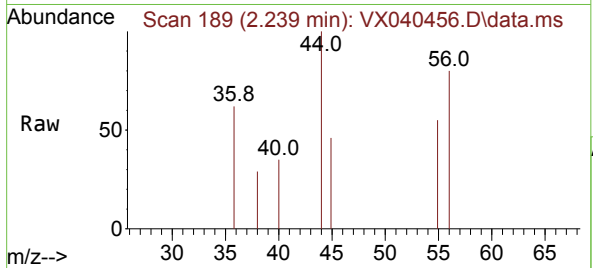




#13
Acrolein
Concen: 2.028 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

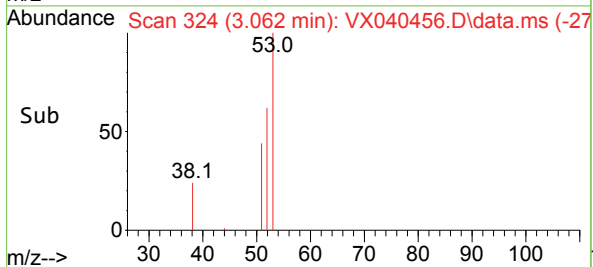
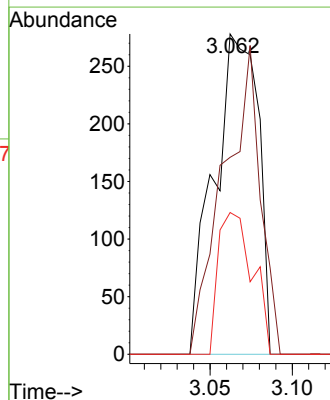
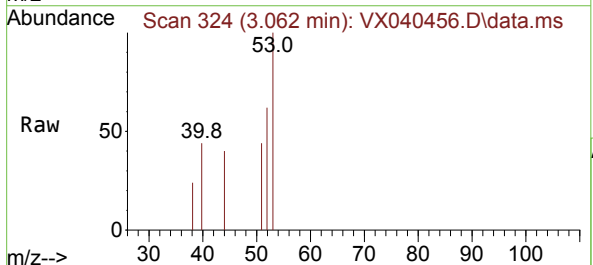
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

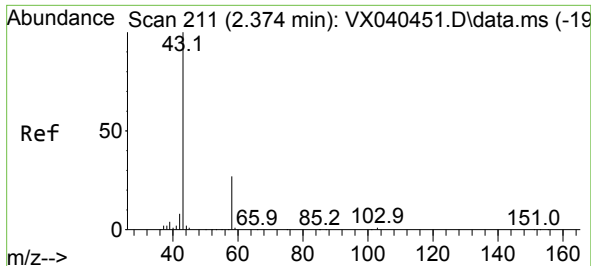
Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7



#15
Acrylonitrile
Concen: 0.851 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 53 Resp: 519
Ion Ratio Lower Upper
53 100
52 79.8 66.0 99.0
51 34.3 29.8 44.6

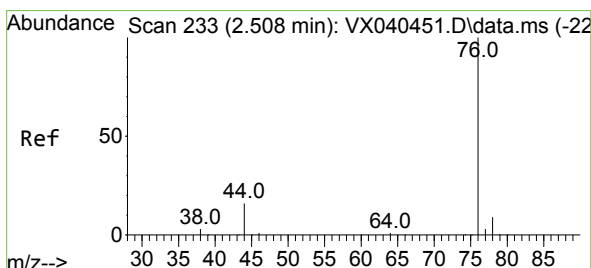
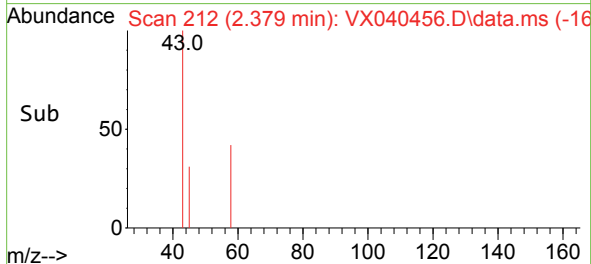
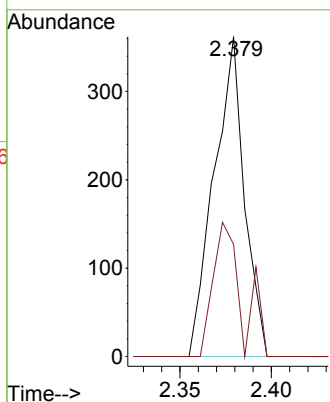
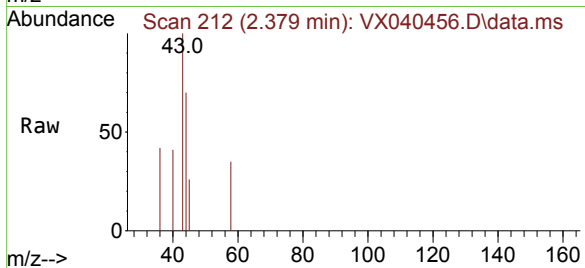




#16
Acetone
Concen: 0.884 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

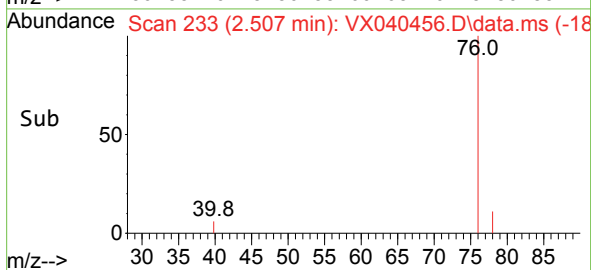
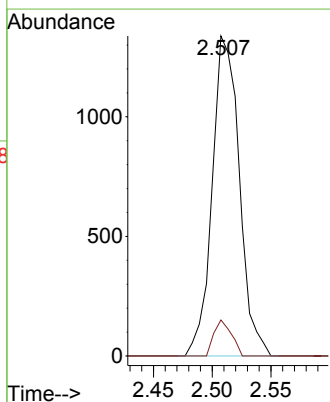
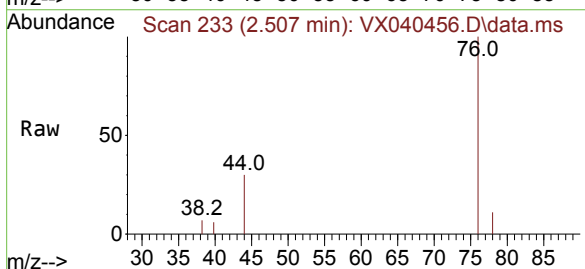
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

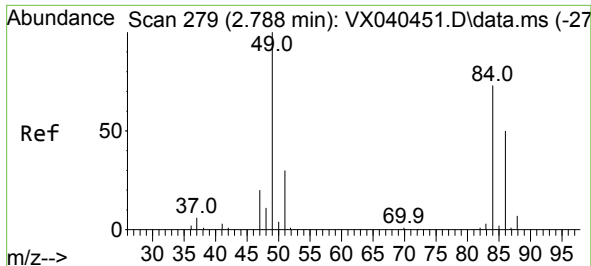
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.789 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

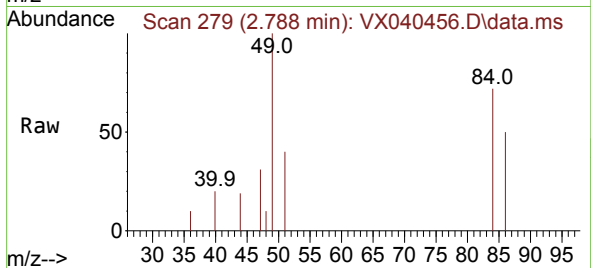
Tgt Ion: 76 Resp: 2153
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





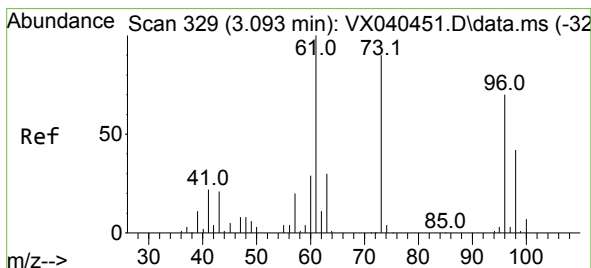
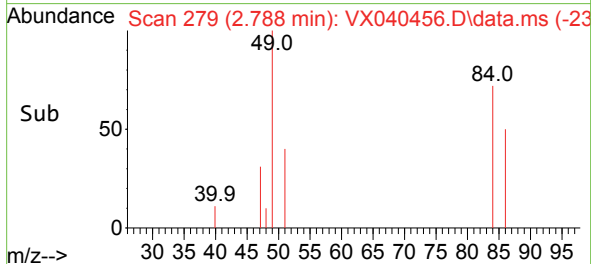
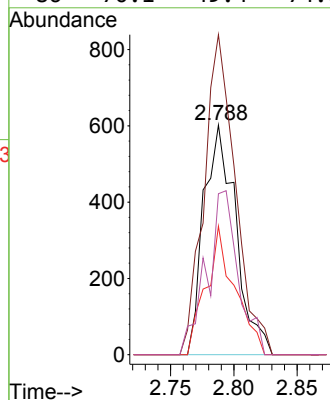
#20
Methylene Chloride
Concen: 0.942 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01



Tgt Ion: 84 Resp: 1063

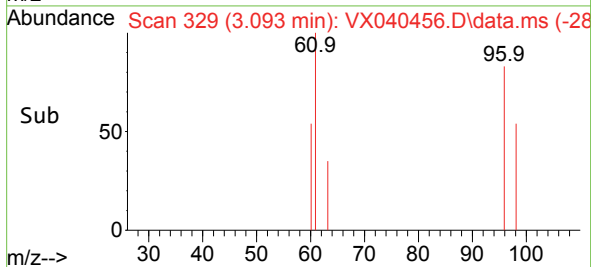
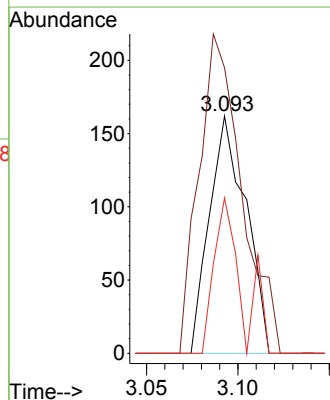
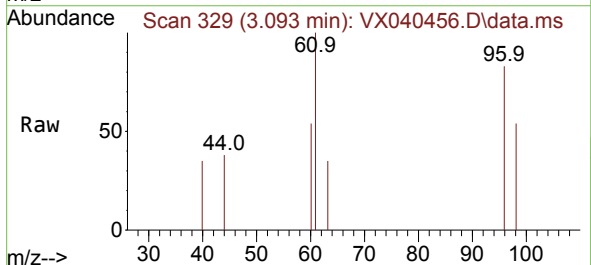
Ion	Ratio	Lower	Upper
84	100		
49	139.4	103.6	155.4
51	56.0	33.8	50.6#
86	70.1	49.4	74.0

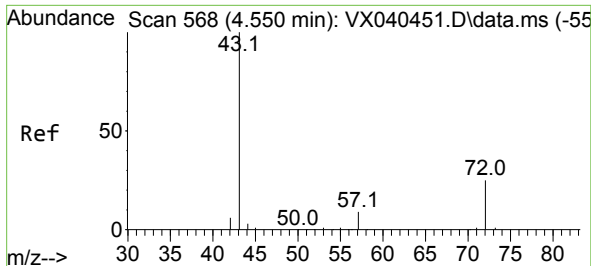


#21
trans-1,2-Dichloroethene
Concen: 0.214 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 96 Resp: 225

Ion	Ratio	Lower	Upper
96	100		
61	120.4	119.2	178.8
98	65.4	48.7	73.1

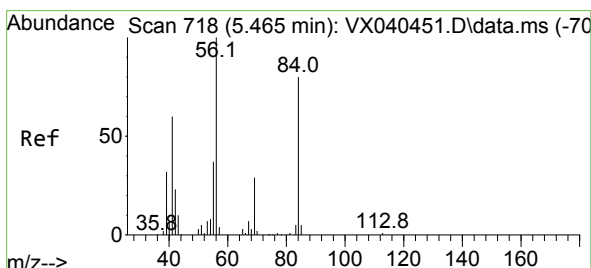
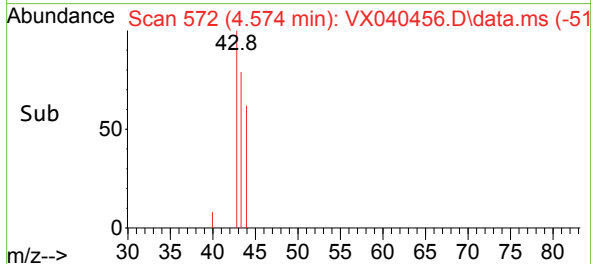
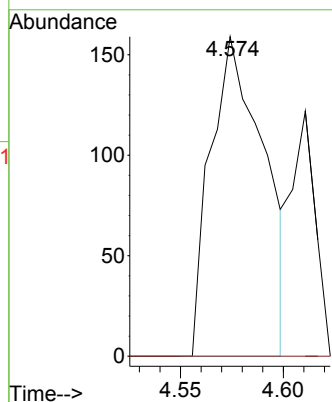
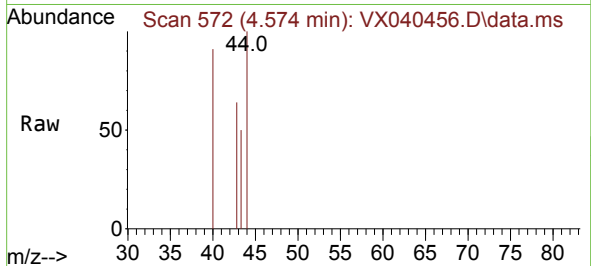




#25
2-Butanone
Concen: 0.349 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

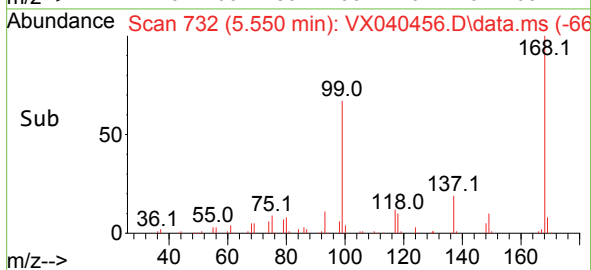
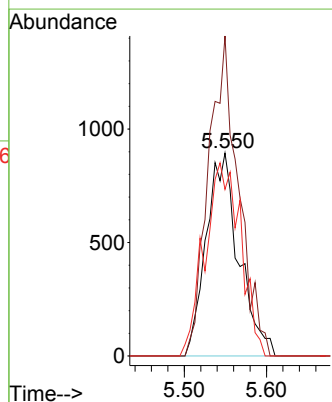
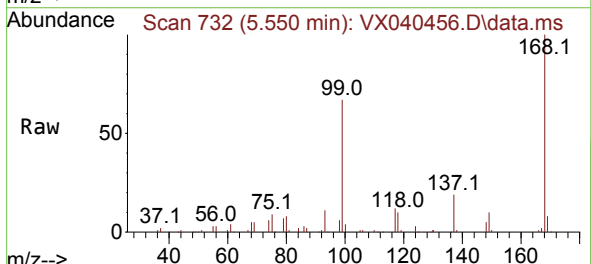
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

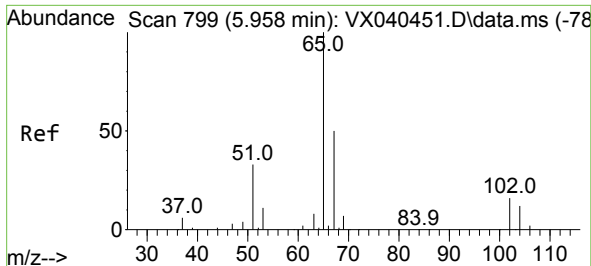
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.507 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 56 Resp: 2468
Ion Ratio Lower Upper
56 100
69 157.7 23.4 35.2#
84 82.1 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.993 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040456.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA_X

ClientSampleId :

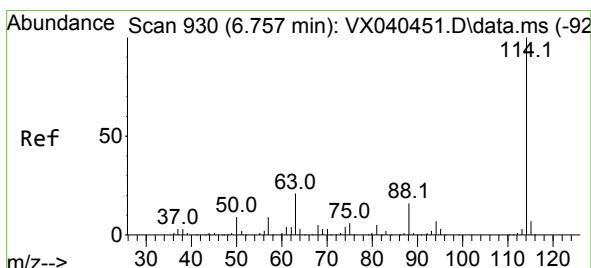
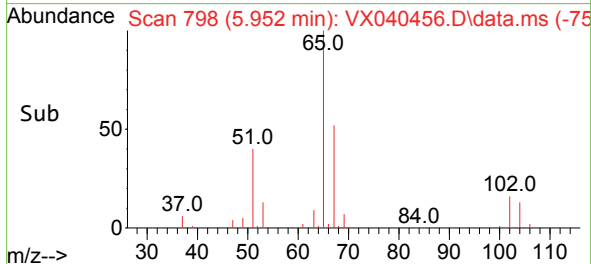
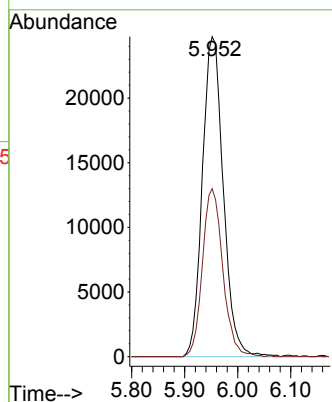
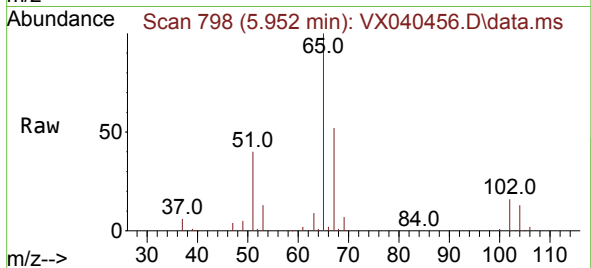
VX0226MBL01

Tgt Ion: 65 Resp: 67940

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040456.D

Acq: 26 Feb 2024 13:33

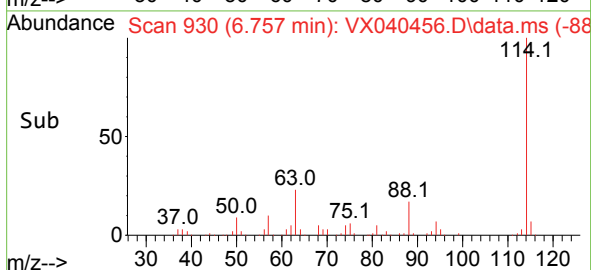
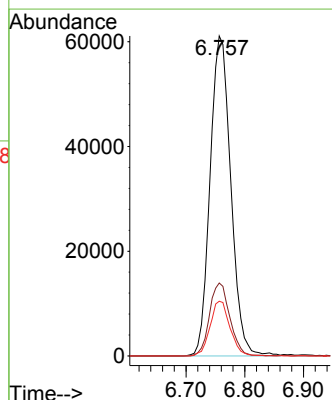
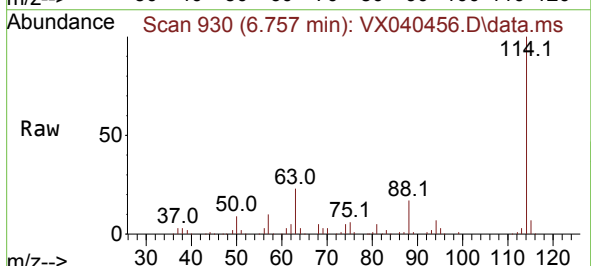
Tgt Ion: 114 Resp: 149862

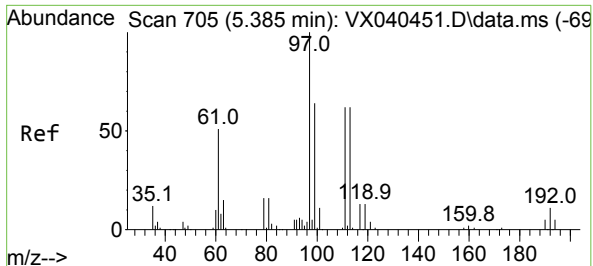
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 17.1 0.0 36.6

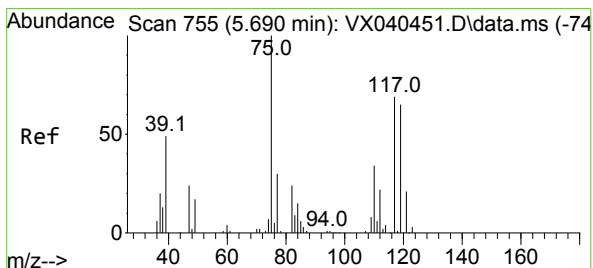
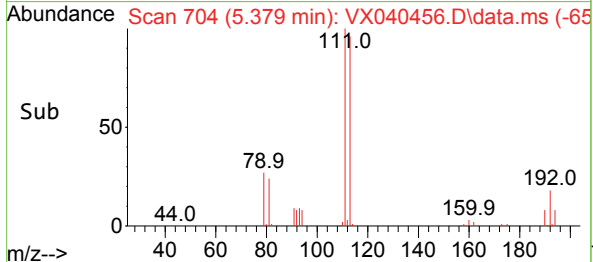
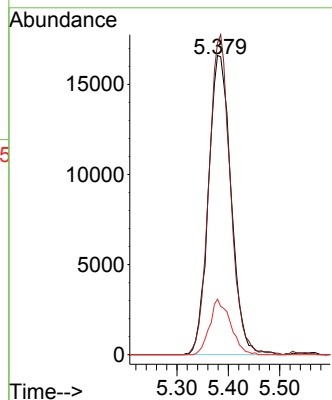
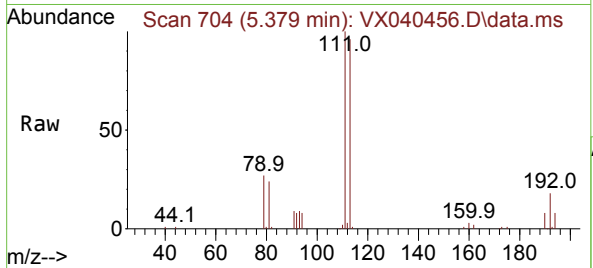




#35
Dibromofluoromethane
Concen: 48.613 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

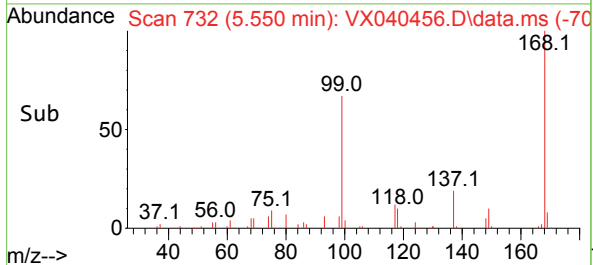
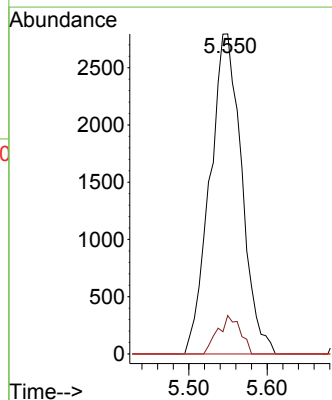
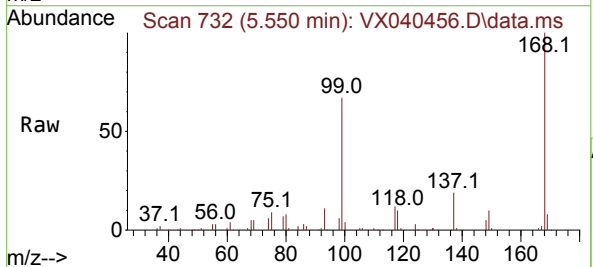
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

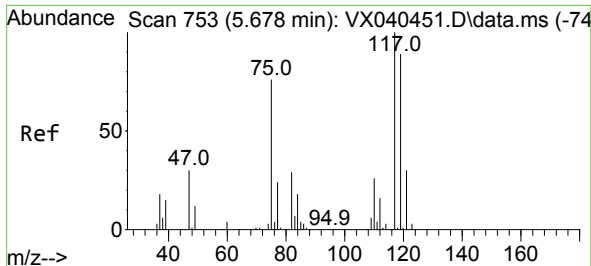
Tgt Ion:113 Resp: 50661
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 75 Resp: 7885
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#

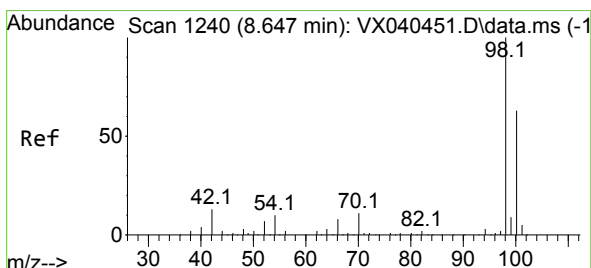
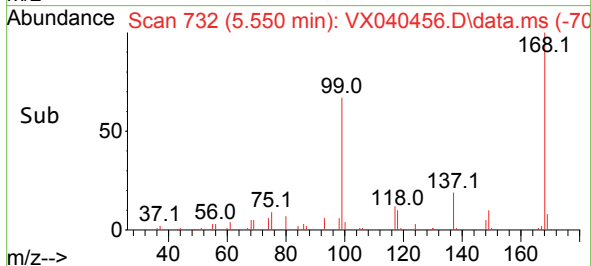
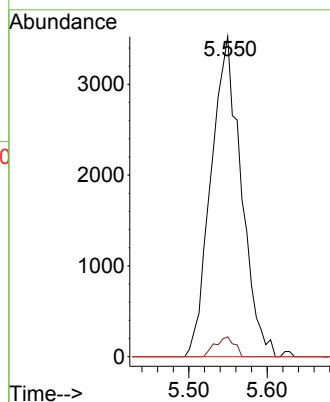
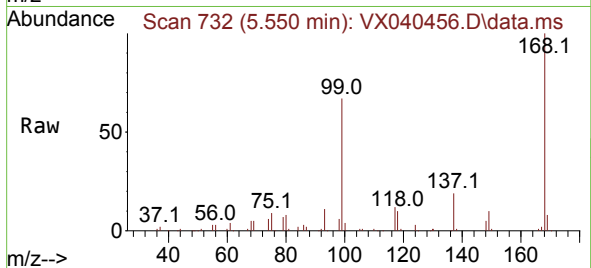




#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

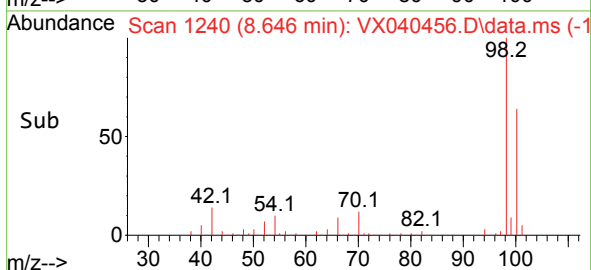
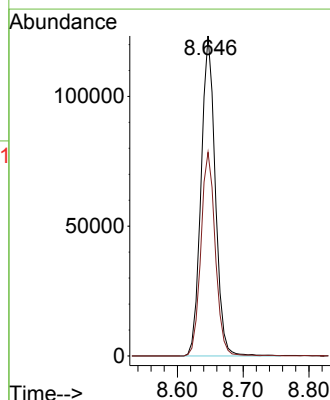
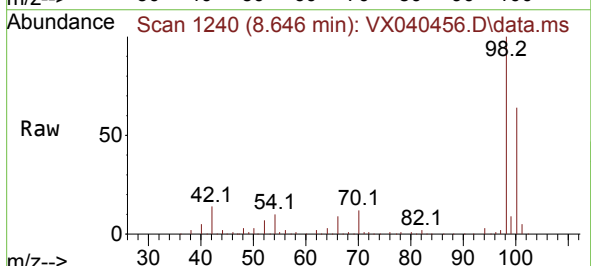
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

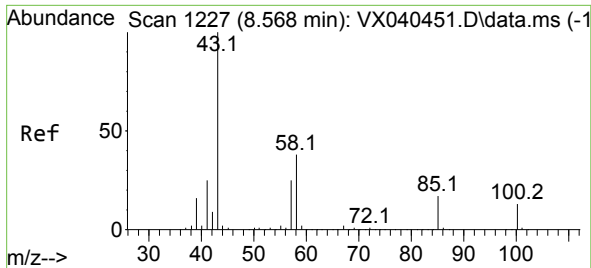
Tgt Ion:117 Resp: 9444
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.043 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 98 Resp: 185519
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

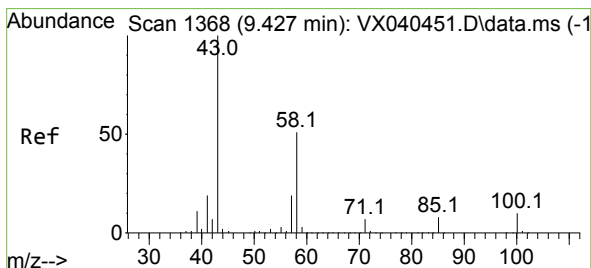
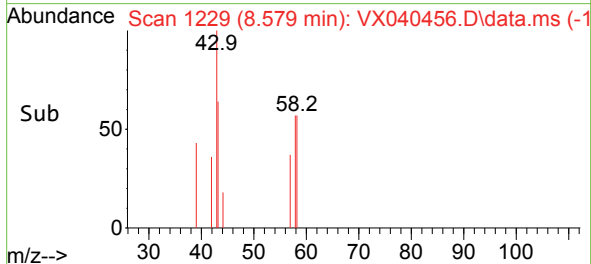
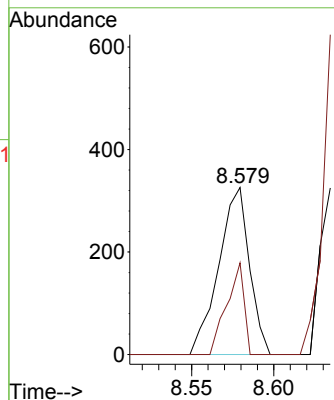
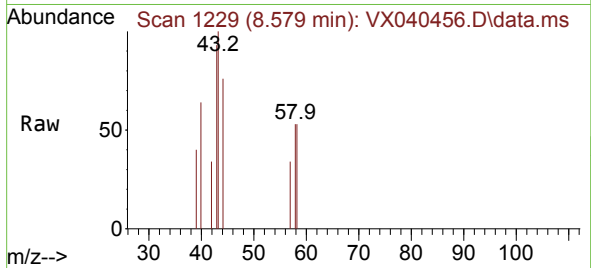




#51
4-Methyl-2-Pentanone
Concen: 0.233 ug/l
RT: 8.579 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

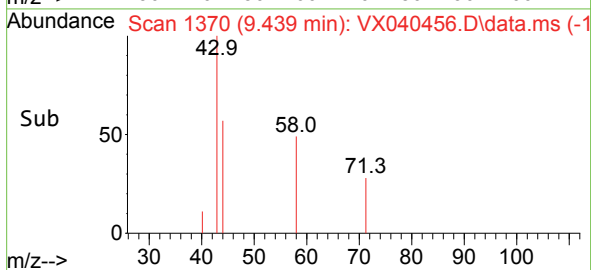
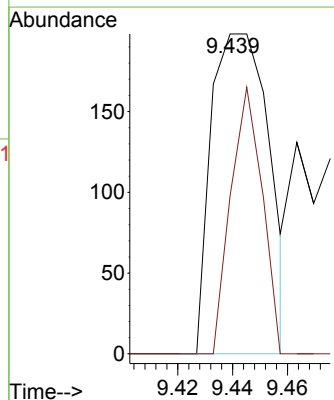
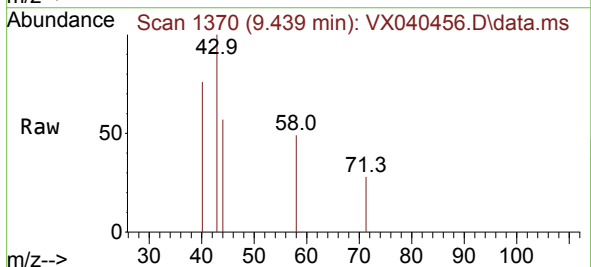
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

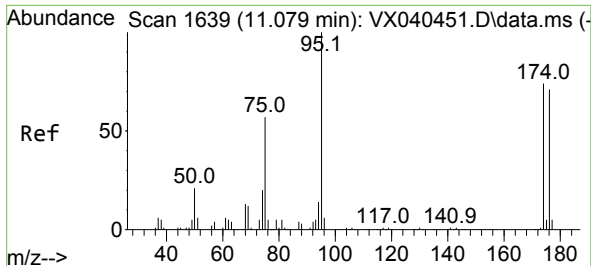
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 30.9 30.4 45.6



#59
2-Hexanone
Concen: 0.208 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 45.2 26.2 78.5

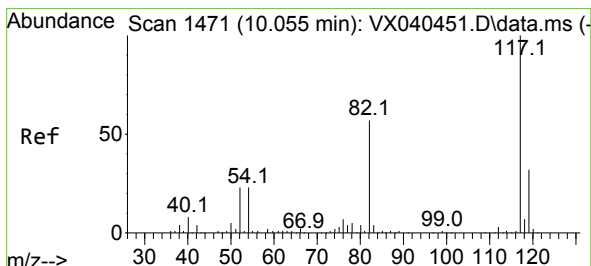
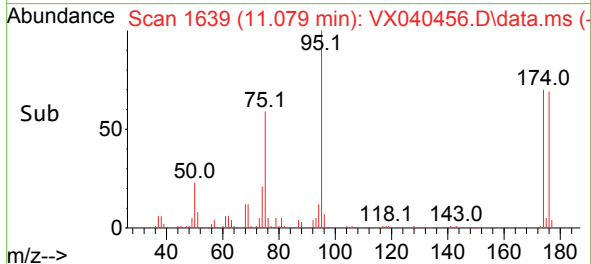
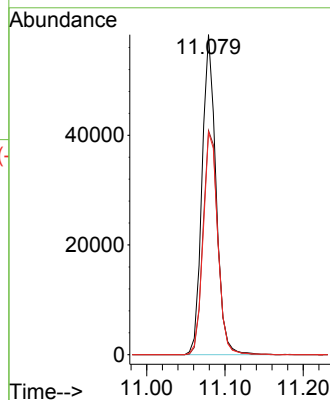
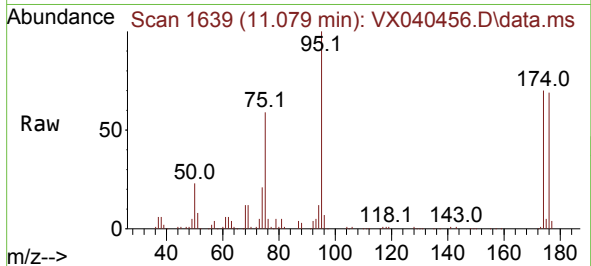




#62
4-Bromofluorobenzene
Concen: 50.006 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

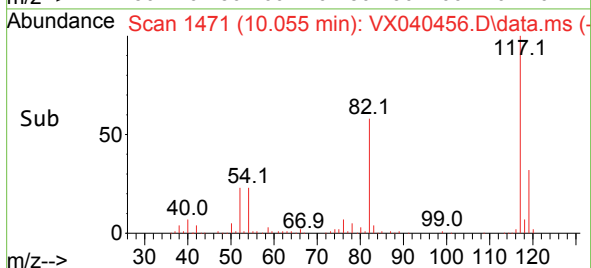
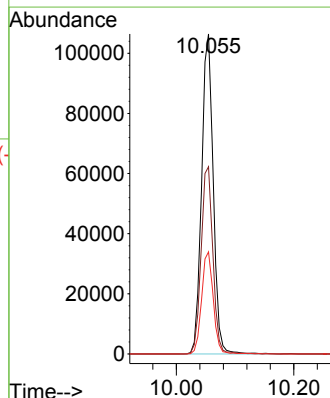
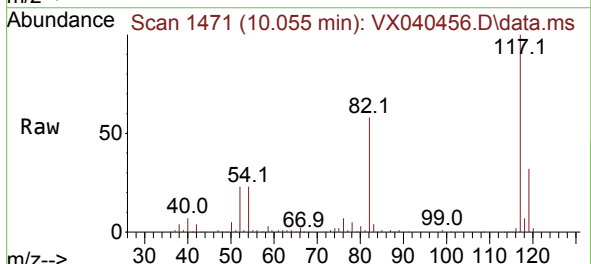
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

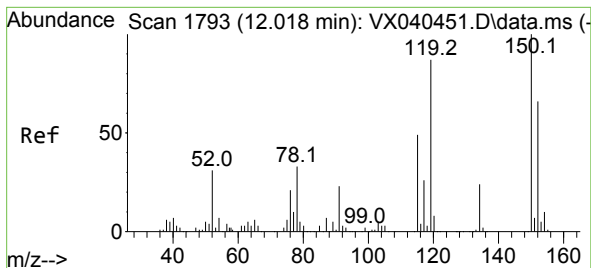
Tgt Ion: 95 Resp: 72107
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion: 117 Resp: 146143
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040456.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA_X

ClientSampleId :

VX0226MBL01

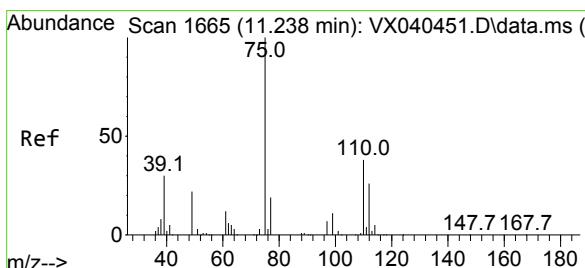
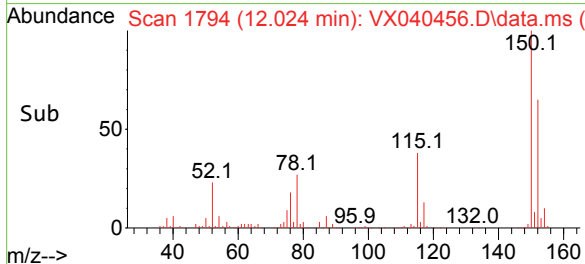
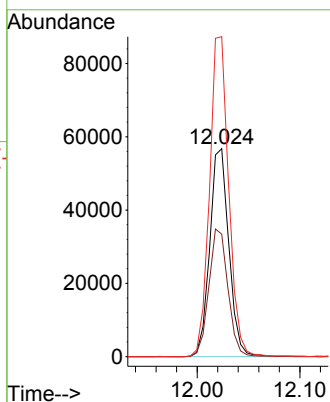
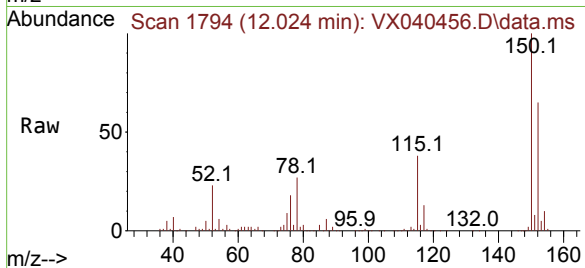
Tgt Ion:152 Resp: 73377

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 154.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.456 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040456.D

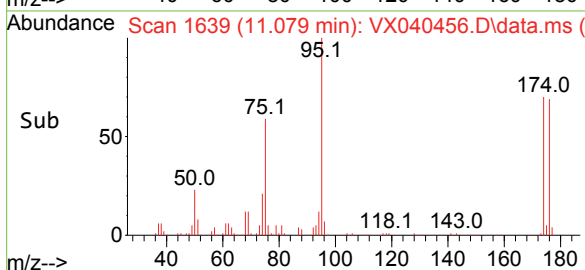
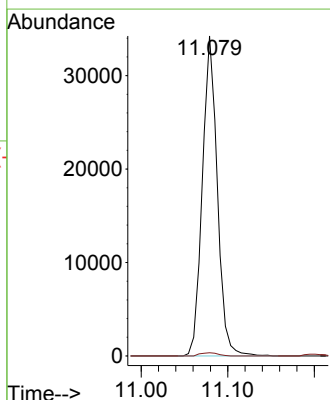
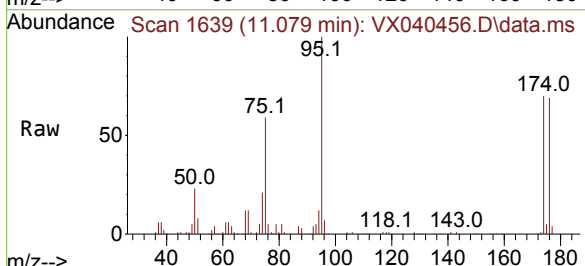
Acq: 26 Feb 2024 13:33

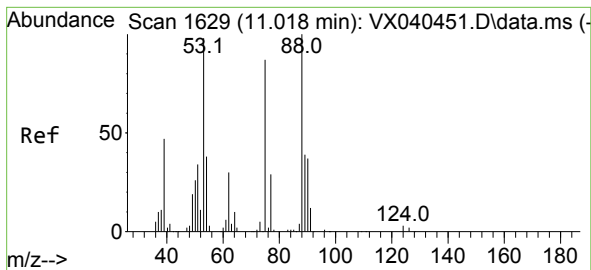
Tgt Ion: 75 Resp: 41109

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

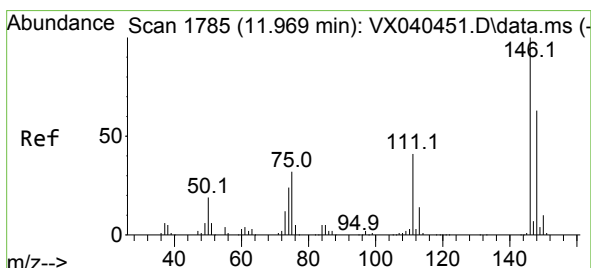
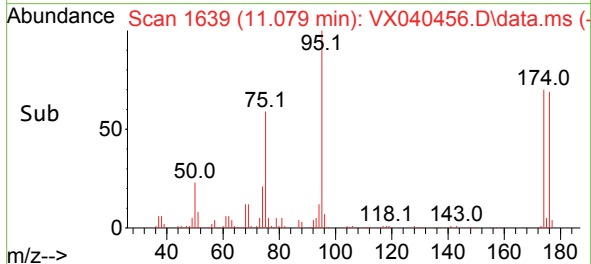
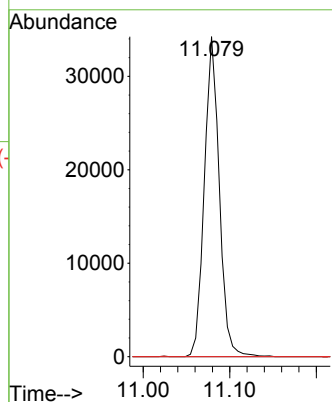
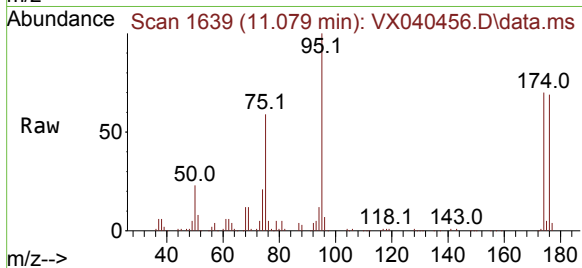




#81
trans-1,4-Dichloro-2-butene
Concen: 74.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

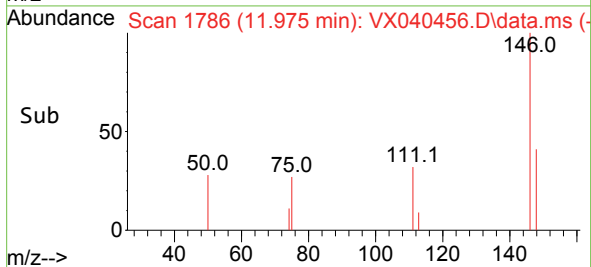
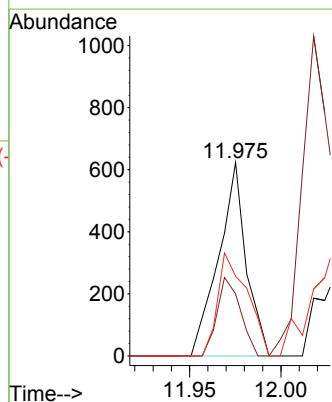
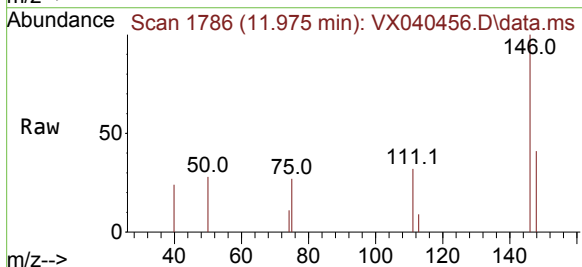
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

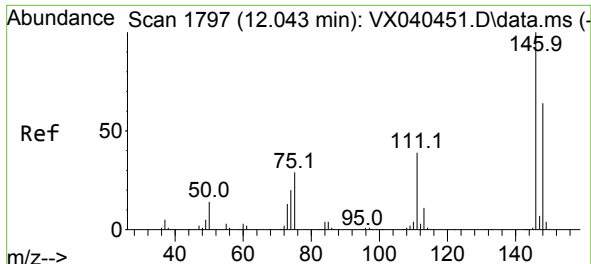
Tgt Ion: 75 Resp: 41109
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

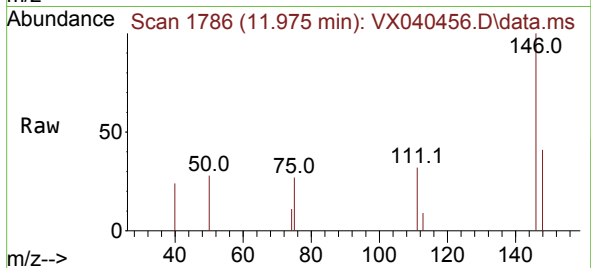
Tgt Ion:146 Resp: 655
Ion Ratio Lower Upper
146 100
111 34.4 22.1 66.1
148 56.8 31.8 95.3



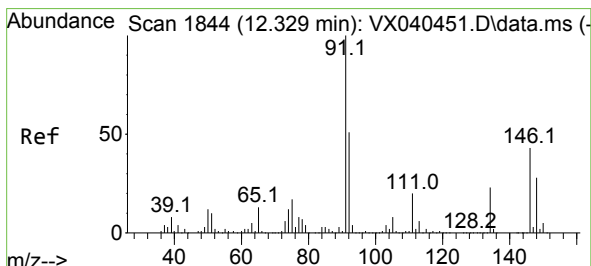
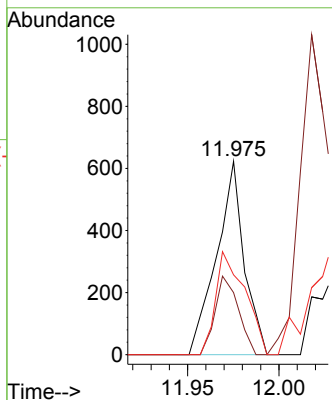
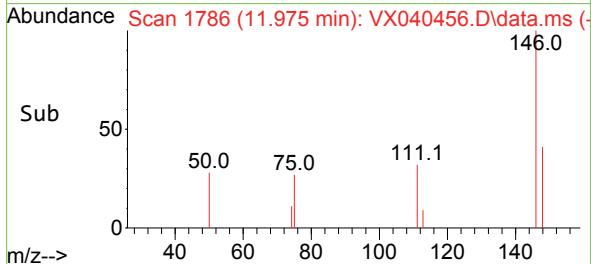


#88
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

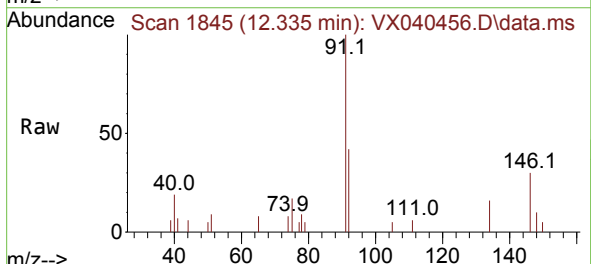
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01



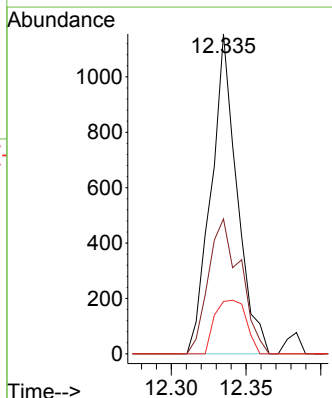
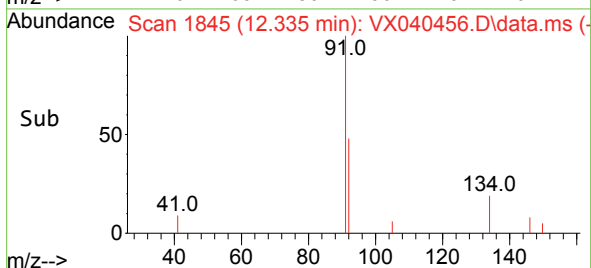
Tgt Ion:146 Resp: 655
Ion Ratio Lower Upper
146 100
111 34.4 21.3 63.7
148 56.8 31.8 95.4

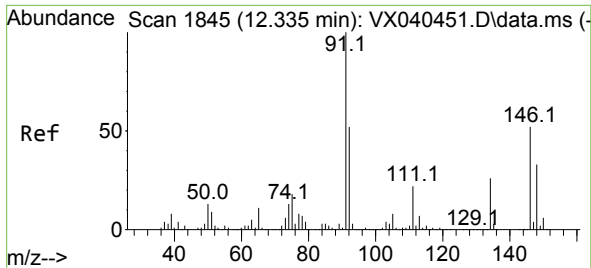


#89
n-Butylbenzene
Concen: 0.302 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33



Tgt Ion: 91 Resp: 1393
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 20.2 12.6 37.8

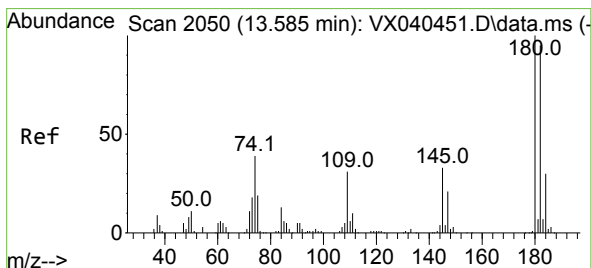
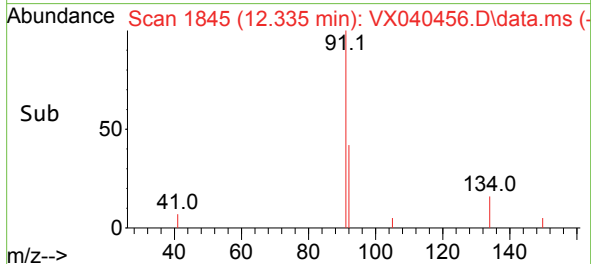
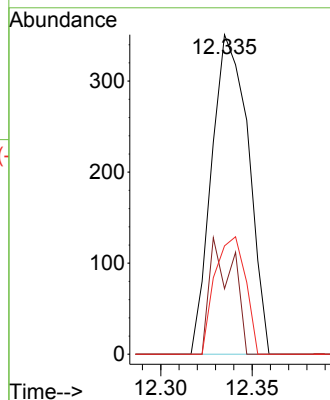
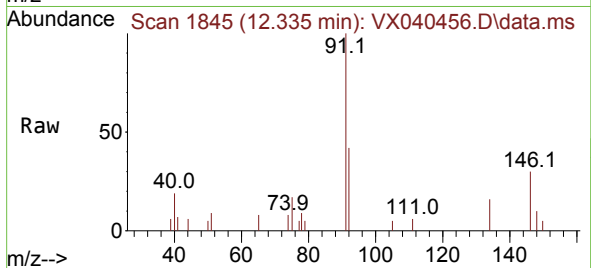




#91
1,2-Dichlorobenzene
Concen: 0.202 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

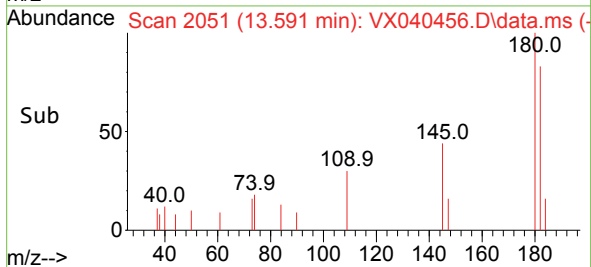
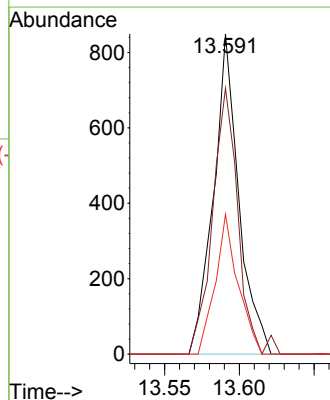
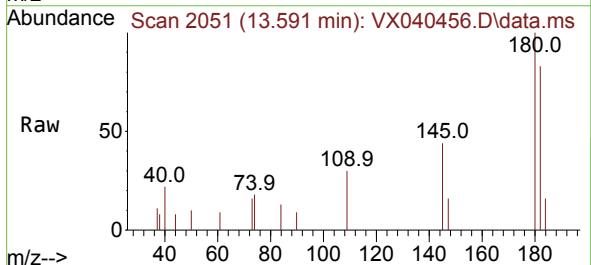
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

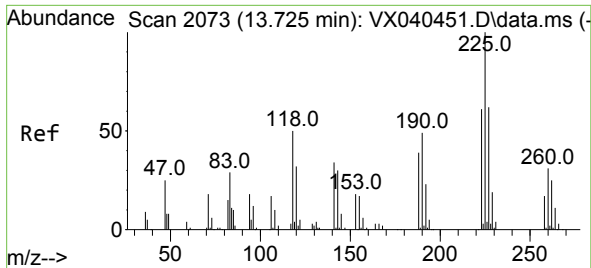
Tgt Ion:146 Resp: 491
Ion Ratio Lower Upper
146 100
111 23.2 22.4 67.0
148 30.5 31.6 95.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.631 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

Tgt Ion:180 Resp: 999
Ion Ratio Lower Upper
180 100
182 83.4 48.3 144.8
145 39.3 18.0 54.0

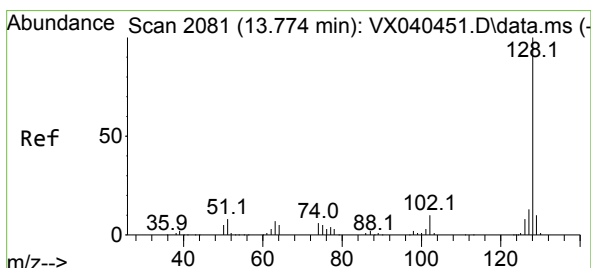
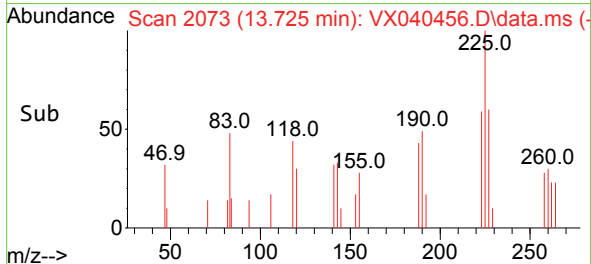
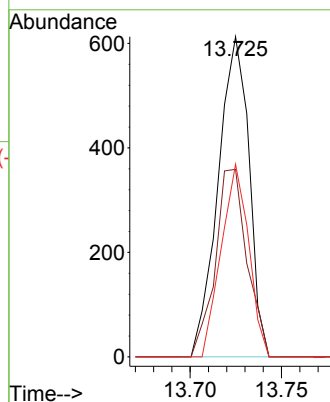
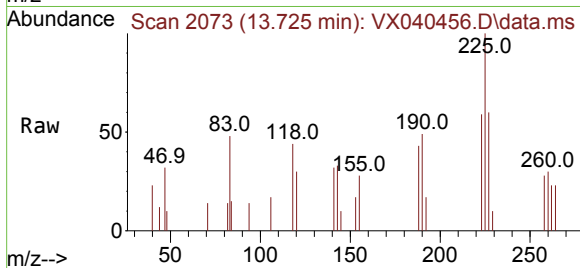




#94
Hexachlorobutadiene
Concen: 1.115 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

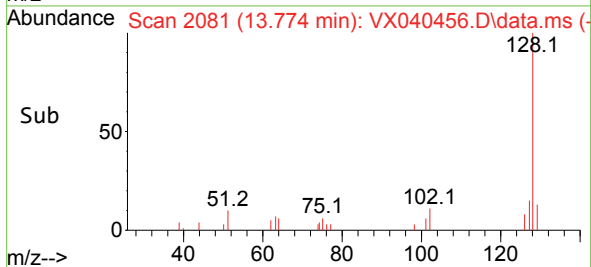
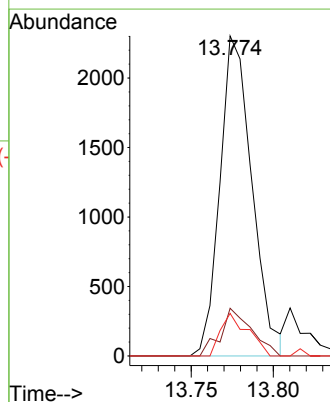
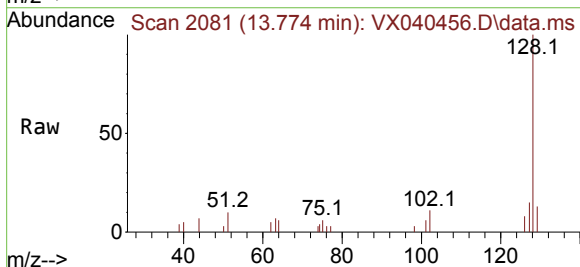
Instrument :
MSVOA_X
ClientSampleId :
VX0226MBL01

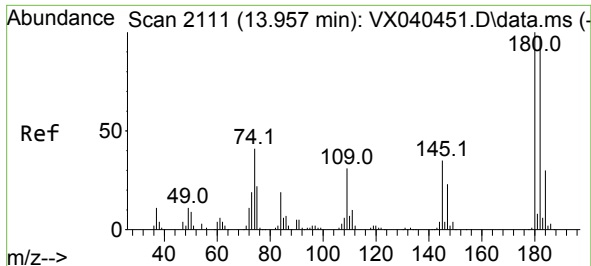
Tgt Ion:225 Resp: 722
Ion Ratio Lower Upper
225 100
223 60.1 31.1 93.2
227 53.5 32.5 97.5



#95
Naphthalene
Concen: 0.617 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040456.D
Acq: 26 Feb 2024 13:33

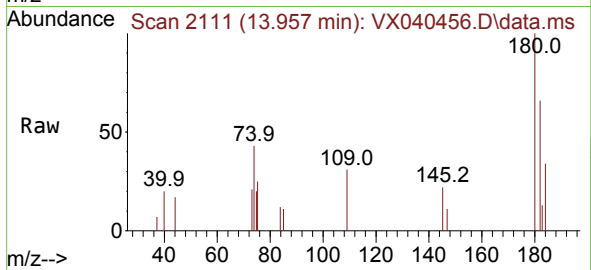
Tgt Ion:128 Resp: 3124
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.547 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX040456.D
 Acq: 26 Feb 2024 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226MBL01



Tgt Ion:	180	Resp:	823
Ion	Ratio	Lower	Upper
180	100		
182	110.3	46.9	140.6
145	36.0	17.8	53.5

