

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040214.D
 Acq On : 14 Feb 2024 12:50
 Operator : JC/MD
 Sample : VX0214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBL01

Quant Time: Feb 15 00:00:27 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)

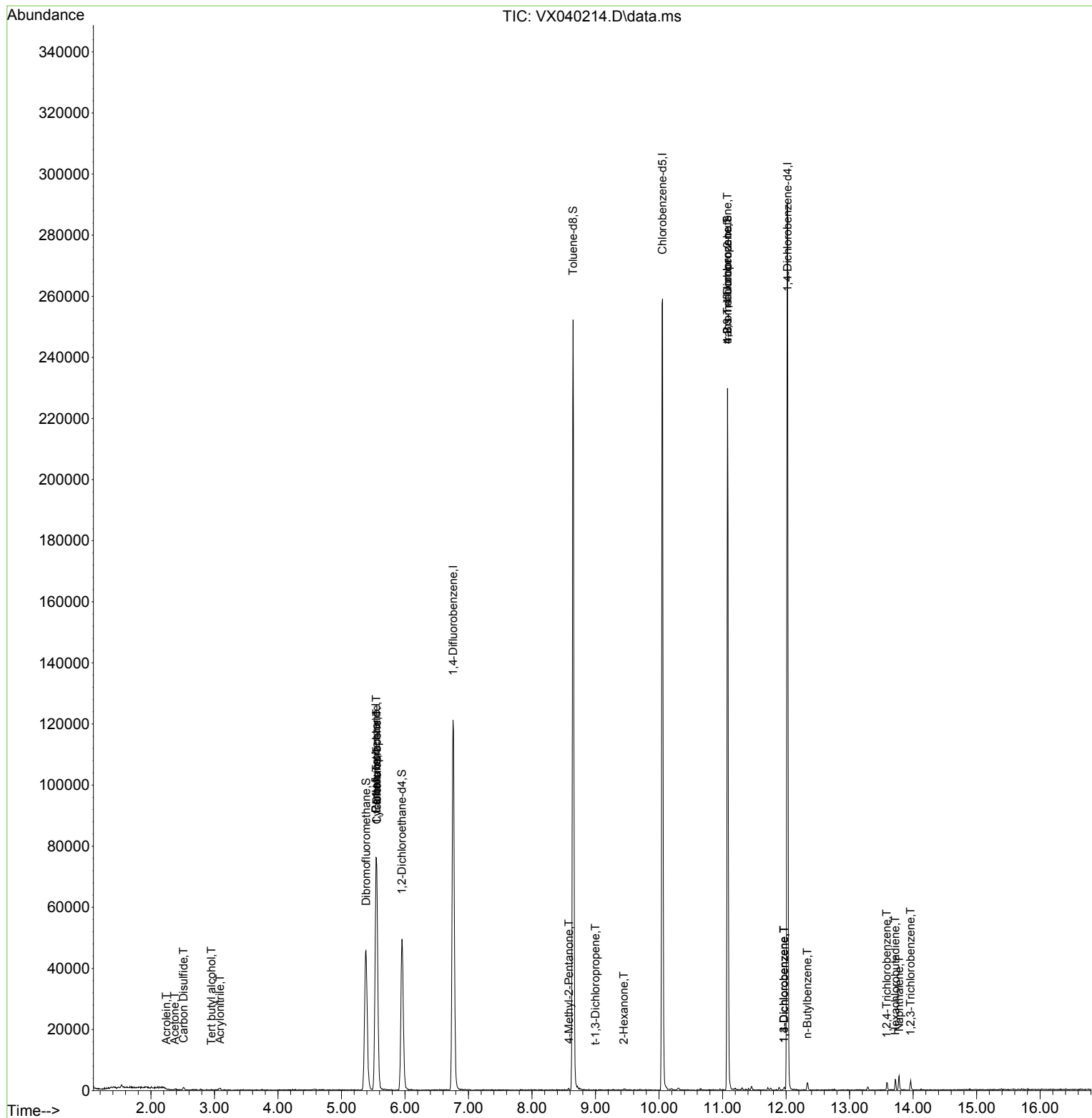
Internal Standards						
1) Pentafluorobenzene	5.544	168	74794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47671	42.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.680%		
35) Dibromofluoromethane	5.385	113	39729	44.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.960%		
50) Toluene-d8	8.647	98	152877	46.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.540%		
62) 4-Bromofluorobenzene	11.079	95	60381	44.808	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.620%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	148	0.683	ug/l #	78
13) Acrolein	2.239	56	123	0.615	ug/l #	79
15) Acrylonitrile	3.087	53	259	0.534	ug/l #	51
16) Acetone	2.373	43	398	0.871	ug/l #	47
17) Carbon Disulfide	2.514	76	1168	0.579	ug/l #	83
20) Methylene Chloride	2.782	84	136	Below Cal	#	49
31) Cyclohexane	5.556	56	1671	1.259	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6280	5.075	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7406	6.295	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	360	0.245	ug/l #	59
53) t-1,3-Dichloropropene	9.000	75	20	1.972	ug/l #	43
59) 2-Hexanone	9.445	43	337	0.290	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	31208	25.013	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31208	68.804	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	500	0.246	ug/l	86
88) 1,4-Dichlorobenzene	11.969	146	500	0.233	ug/l	87
89) n-Butylbenzene	12.335	91	1165	0.320	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	831	0.617	ug/l	91
94) Hexachlorobutadiene	13.719	225	688	1.281	ug/l	88
95) Naphthalene	13.780	128	3154	0.742	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	758	0.591	ug/l	85

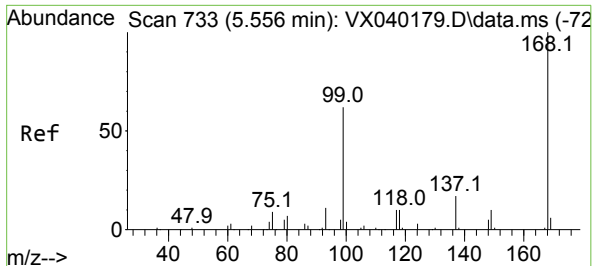
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
Data File : VX040214.D
Acq On : 14 Feb 2024 12:50
Operator : JC/MD
Sample : VX0214MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

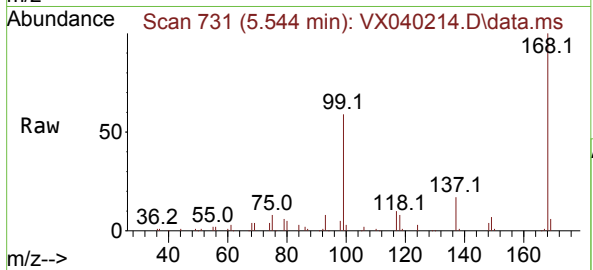
Quant Time: Feb 15 00:00:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



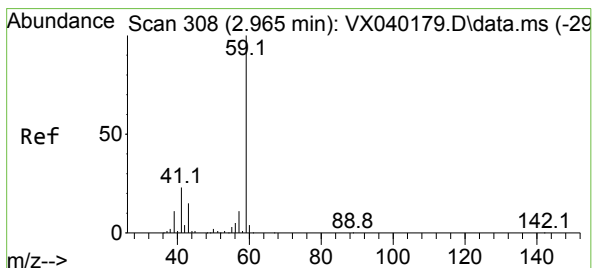
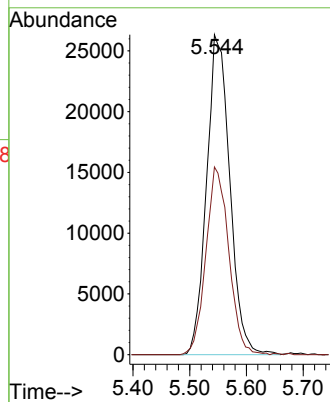
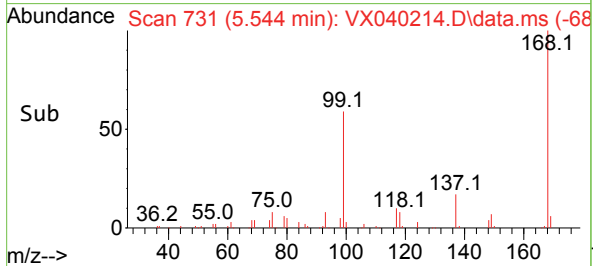


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

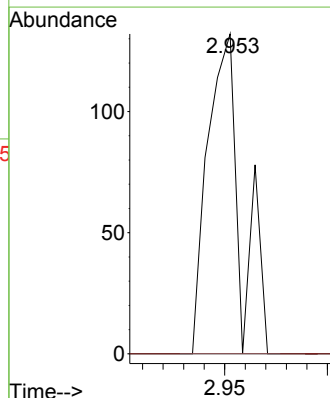
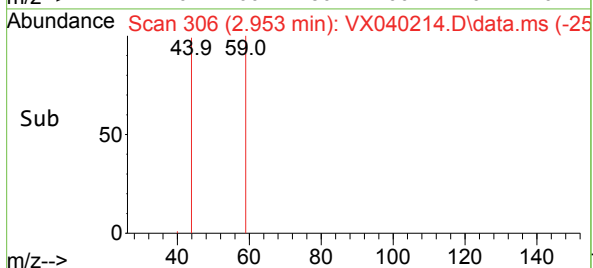
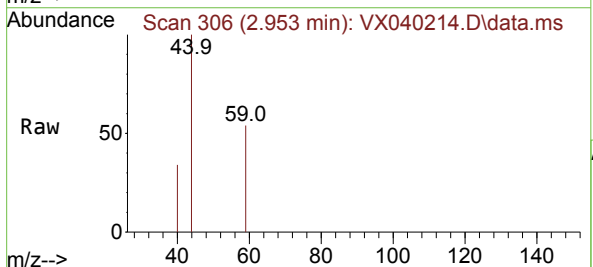


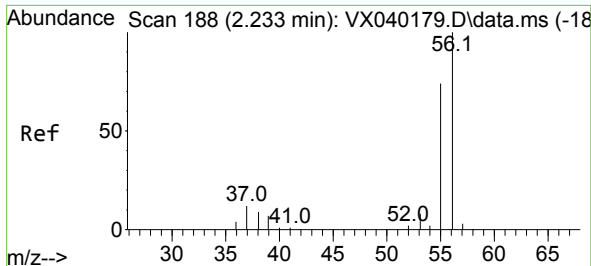
Tgt Ion:168 Resp: 74794
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.683 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.615 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

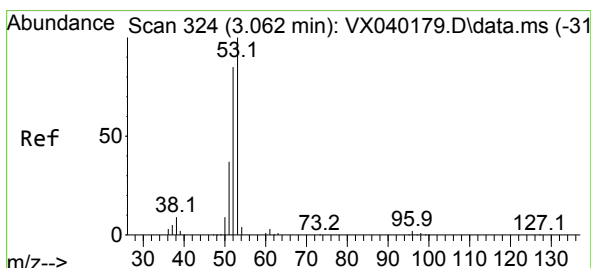
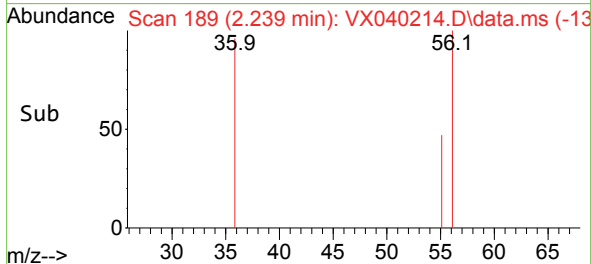
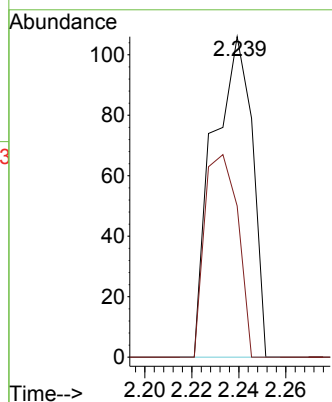
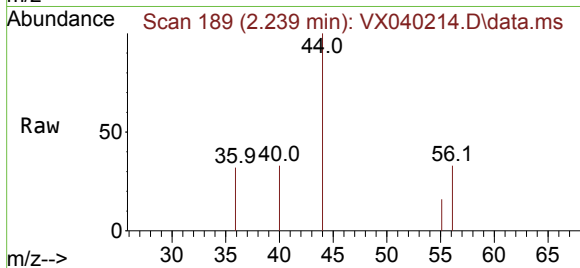
VX0214MBL01

Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

56 100

55 53.7 57.1 85.7#



#15

Acrylonitrile

Concen: 0.534 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.024 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

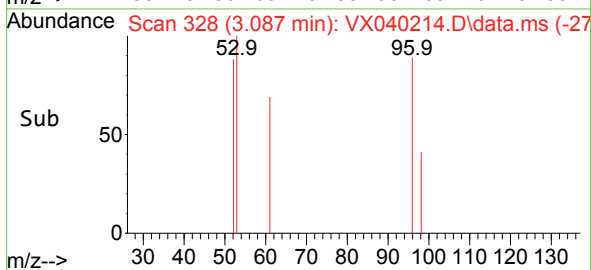
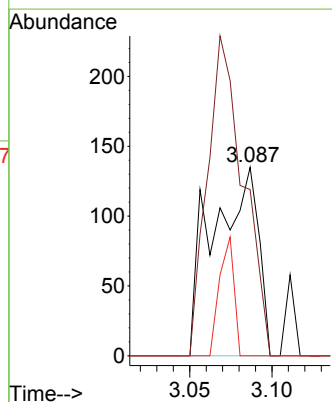
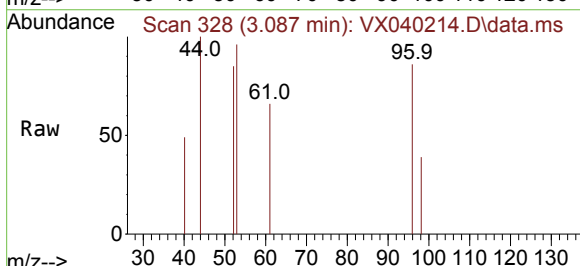
Tgt Ion: 53 Resp: 259

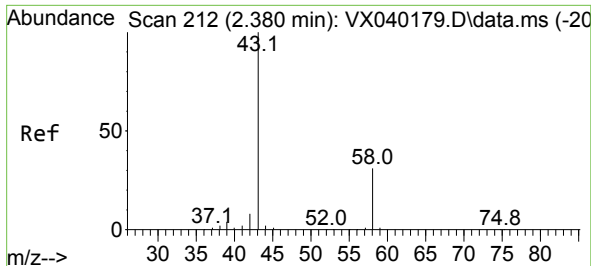
Ion Ratio Lower Upper

53 100

52 134.7 66.0 99.0#

51 20.1 29.8 44.6#

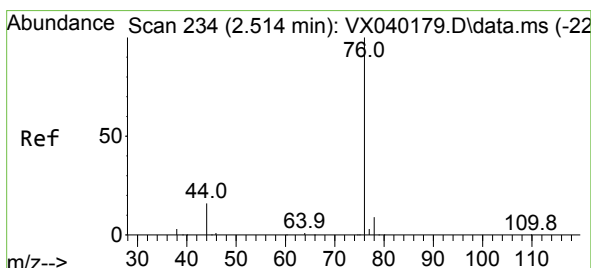
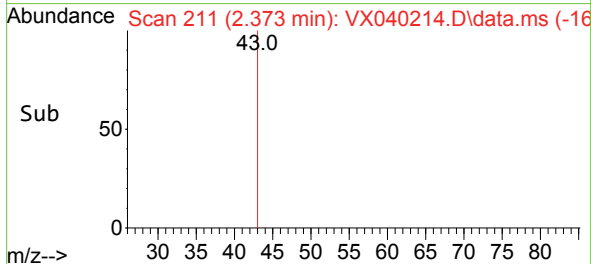
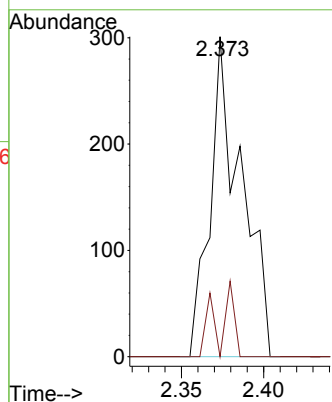
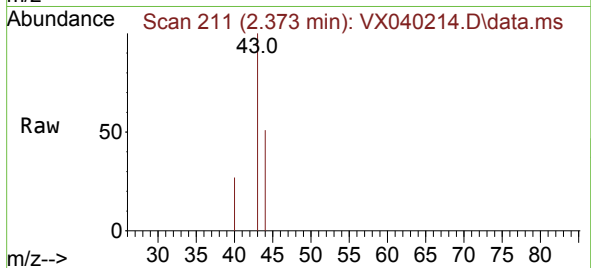




#16
Acetone
Concen: 0.871 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

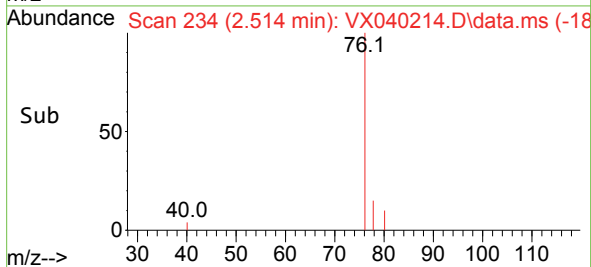
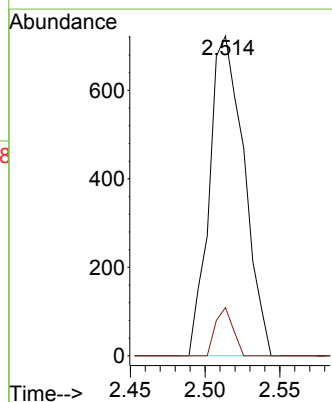
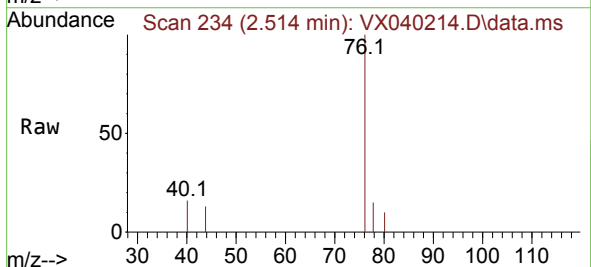
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

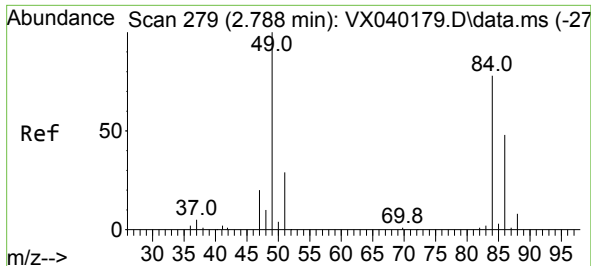
Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.579 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 76 Resp: 1168
Ion Ratio Lower Upper
76 100
78 15.1 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040214.D

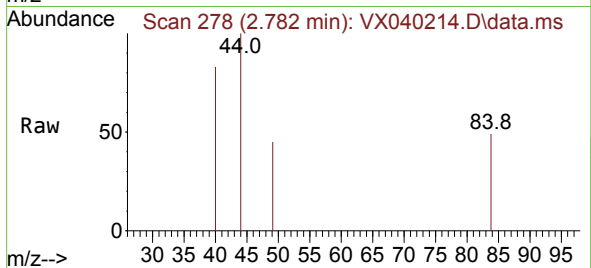
Acq: 14 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01



Tgt Ion: 84 Resp: 136

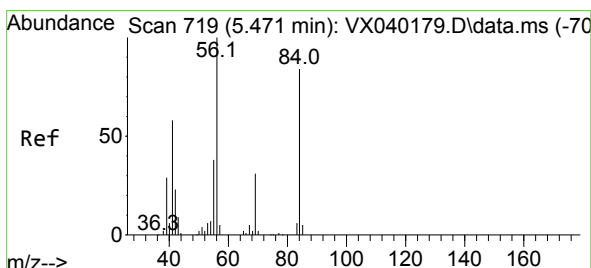
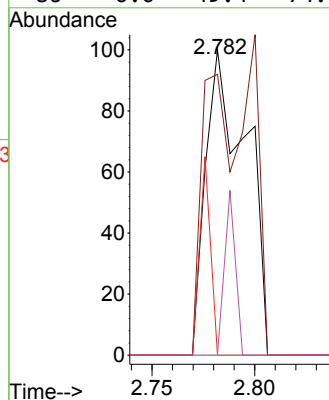
Ion Ratio Lower Upper

84 100

49 92.0 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#31

Cyclohexane

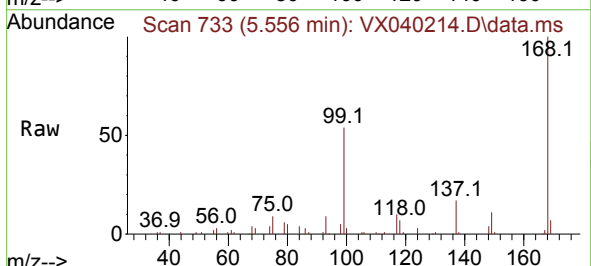
Concen: 1.259 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50



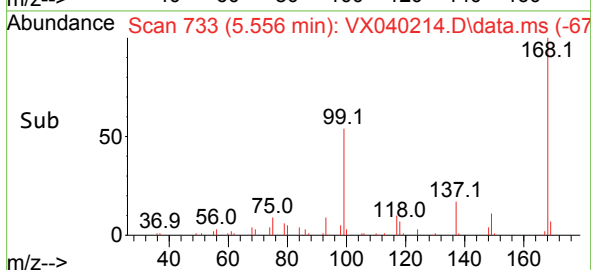
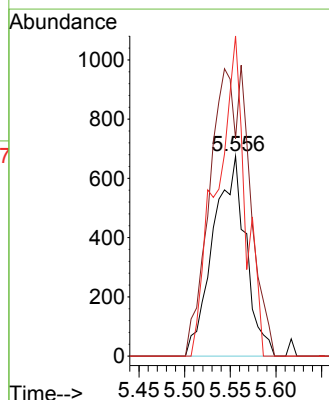
Tgt Ion: 56 Resp: 1671

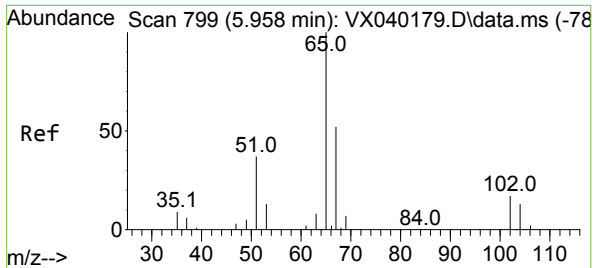
Ion Ratio Lower Upper

56 100

69 108.7 23.4 35.2#

84 160.1 65.9 98.9#

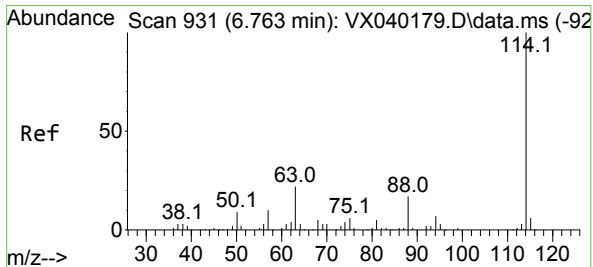
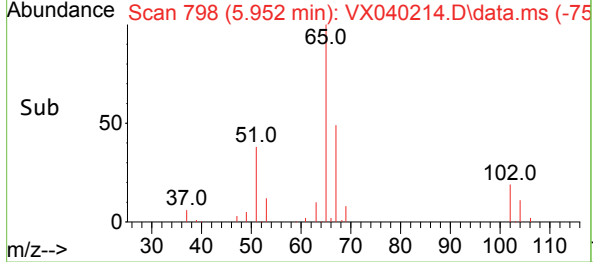
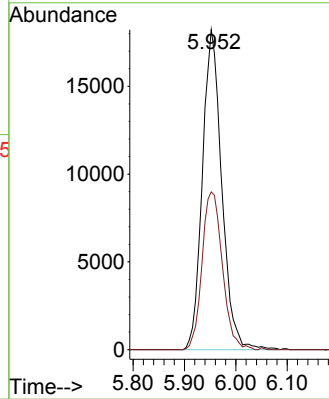
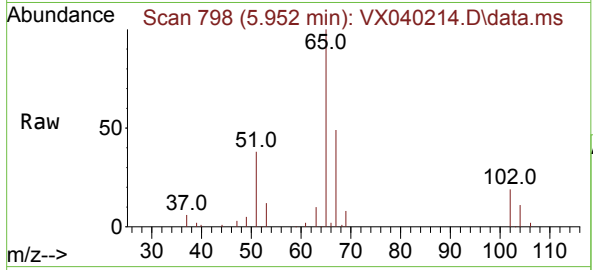




#33
 1,2-Dichloroethane-d4
 Concen: 42.842 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040214.D
 Acq: 14 Feb 2024 12:50

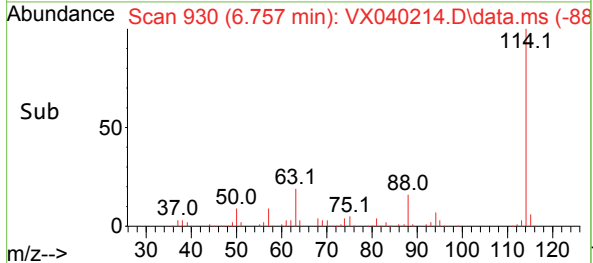
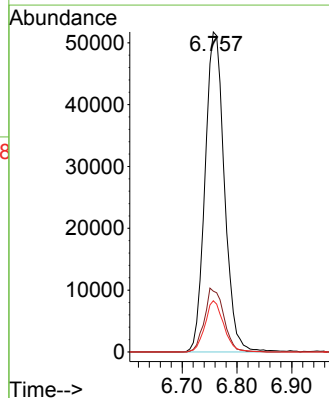
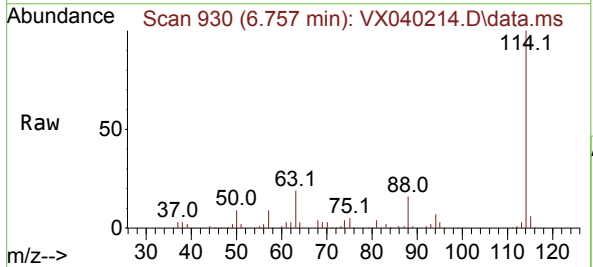
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBL01

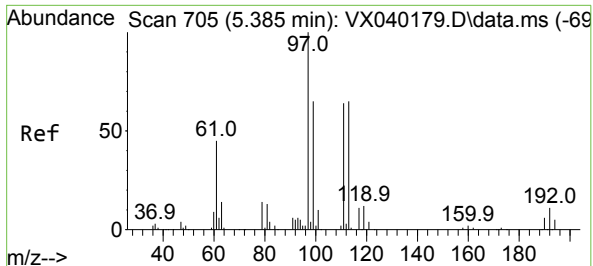
Tgt Ion: 65 Resp: 47671
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX040214.D
 Acq: 14 Feb 2024 12:50

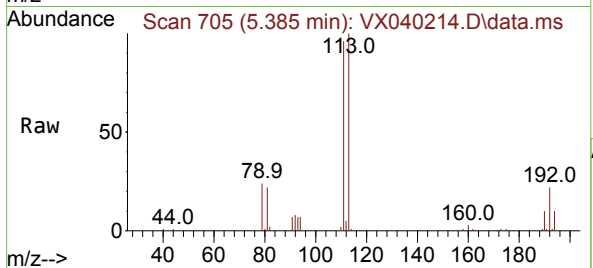
Tgt Ion: 114 Resp: 126484
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 16.0 0.0 36.6



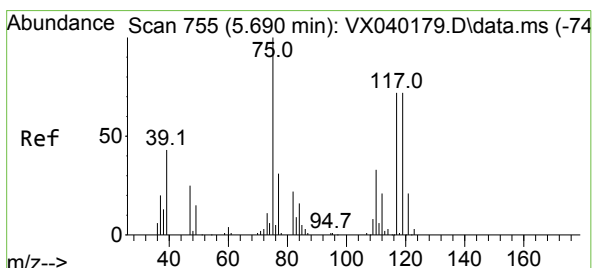
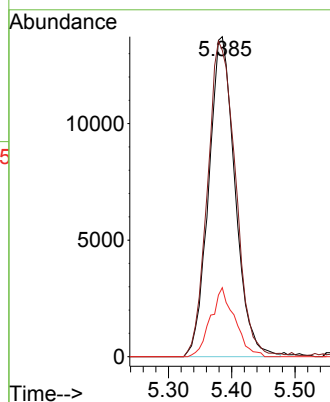
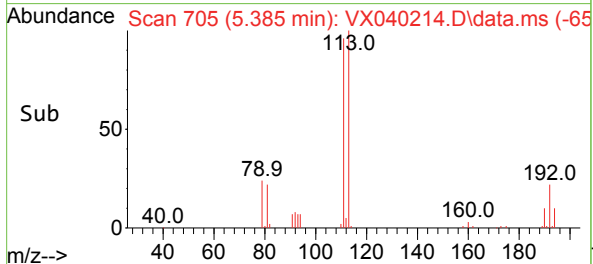


#35
Dibromofluoromethane
Concen: 44.978 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

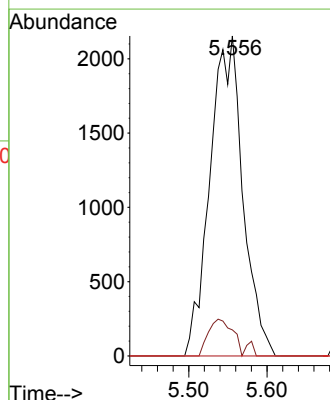
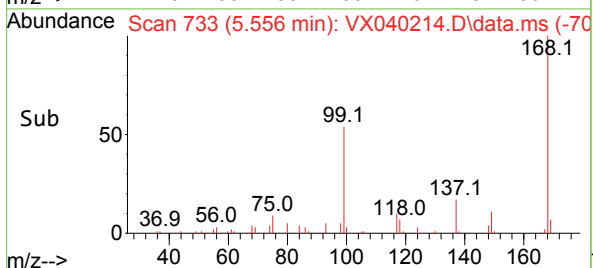
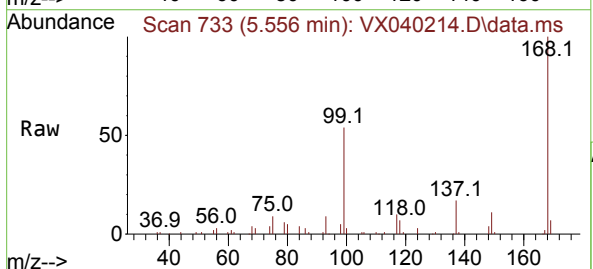


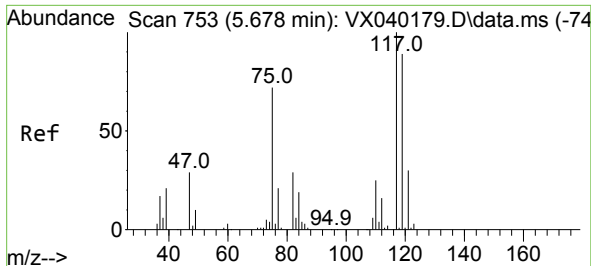
Tgt Ion:113 Resp: 39729
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

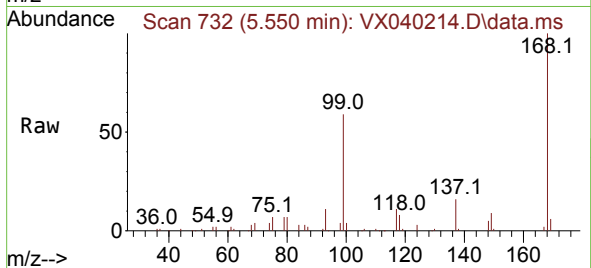
Tgt Ion: 75 Resp: 6280
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



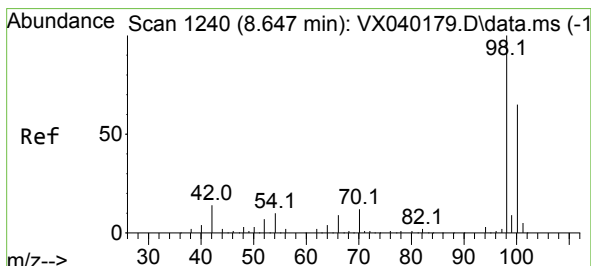
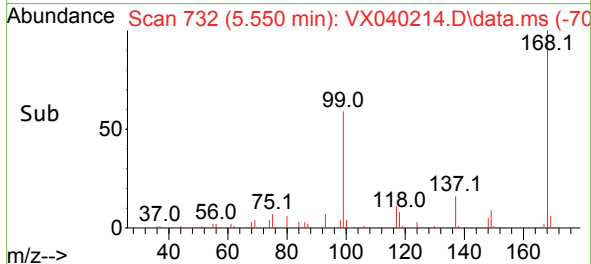
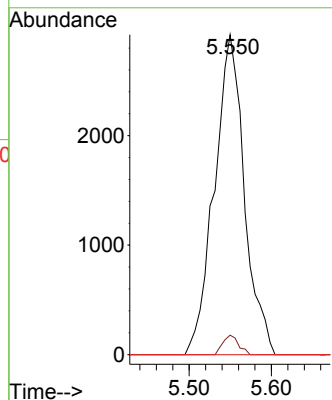


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

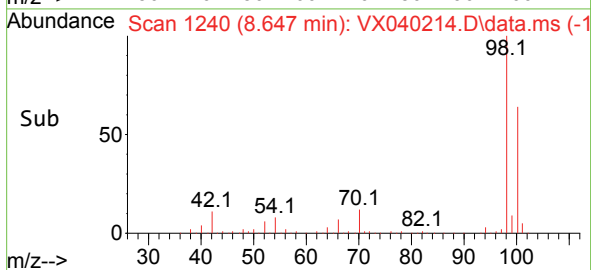
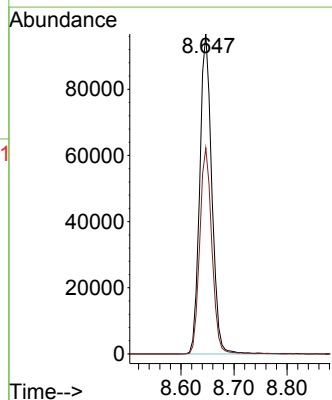
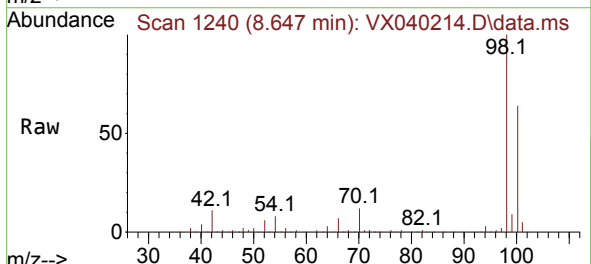


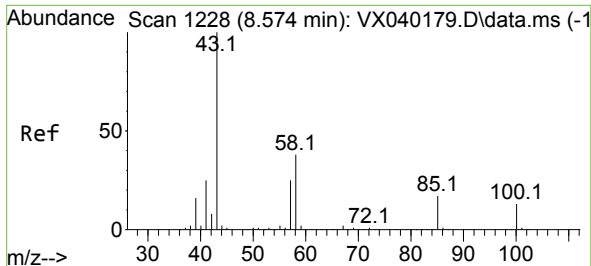
Tgt Ion:117 Resp: 7406
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.268 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 98 Resp: 152877
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

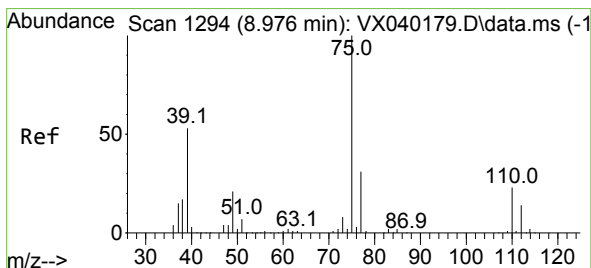
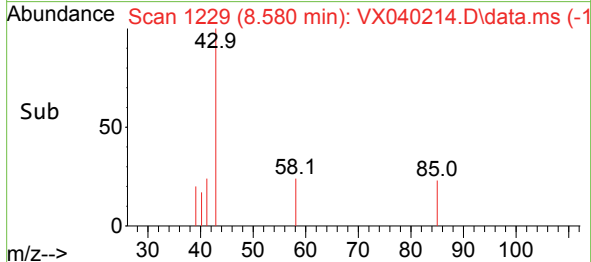
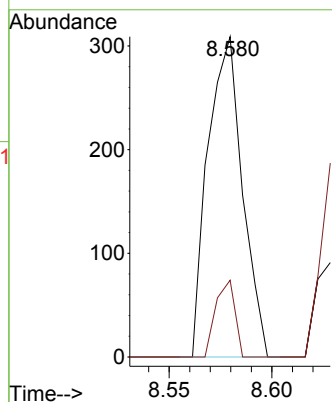
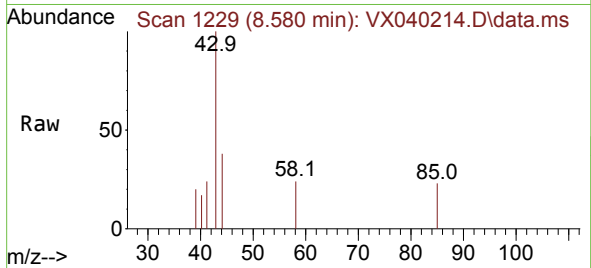




#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

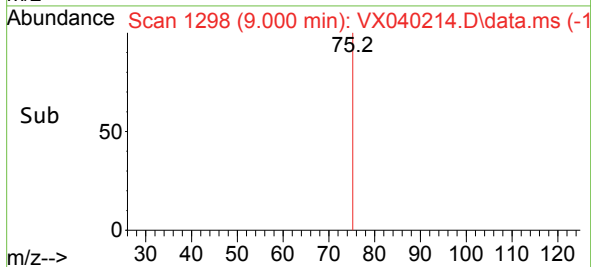
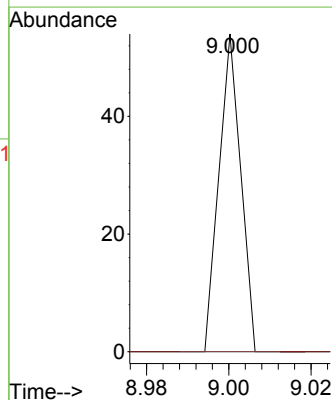
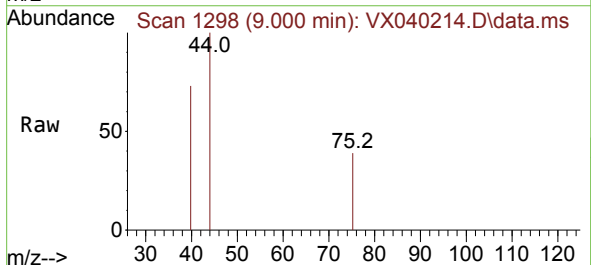
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

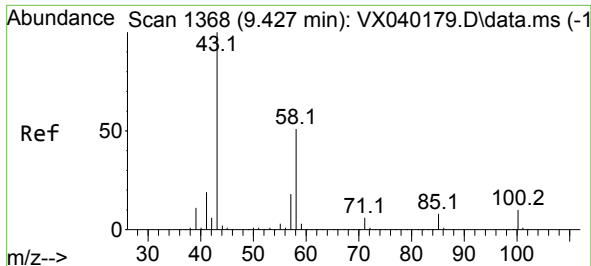
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 13.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.972 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

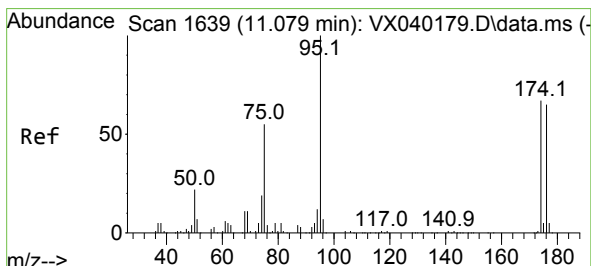
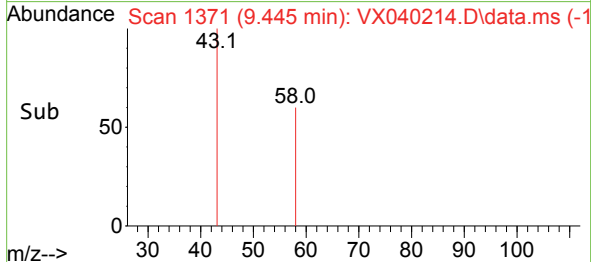
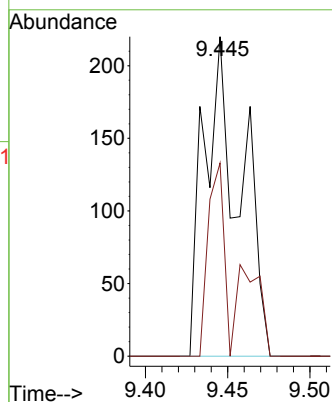
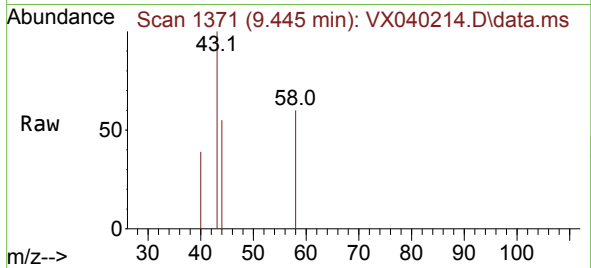




#59
2-Hexanone
Concen: 0.290 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

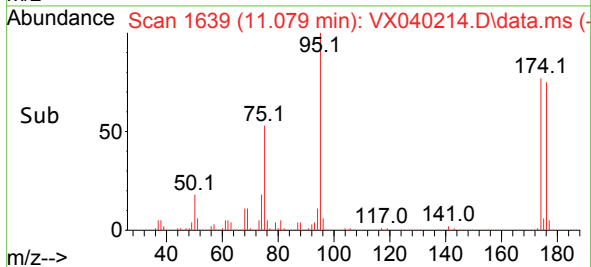
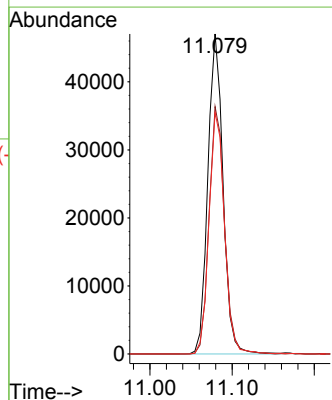
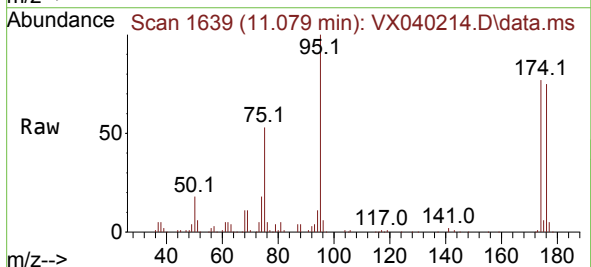
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

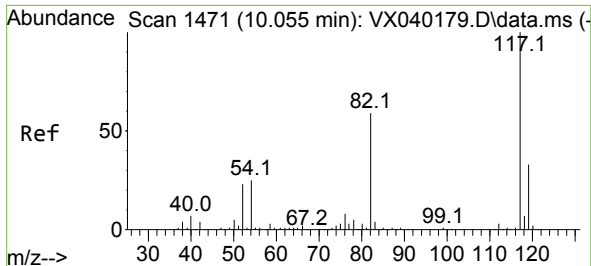
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 38.6 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 44.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 95 Resp: 60381
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 77.0 0.0 131.0

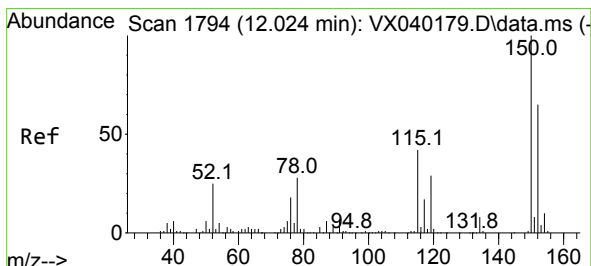
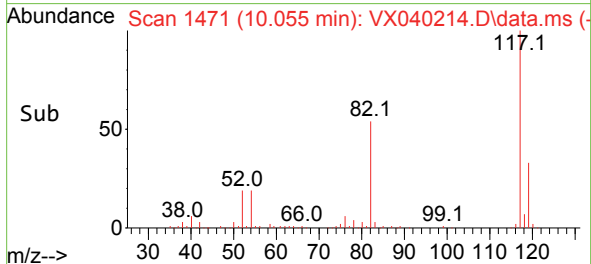
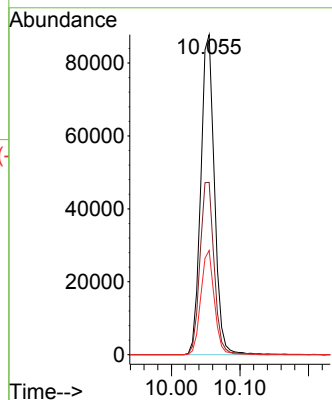
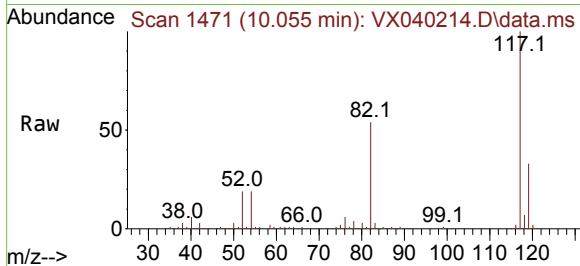




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

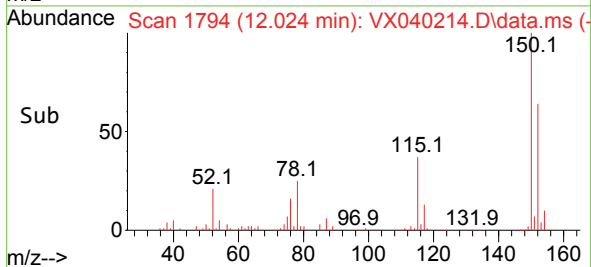
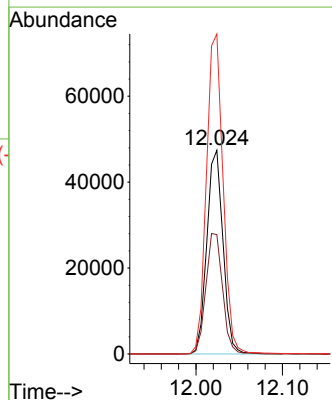
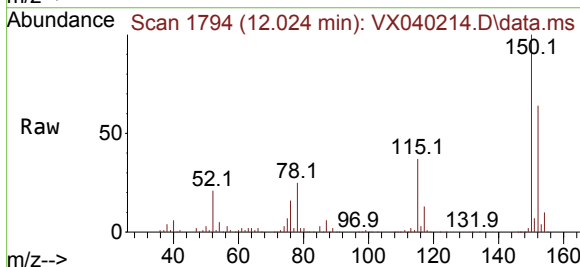
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

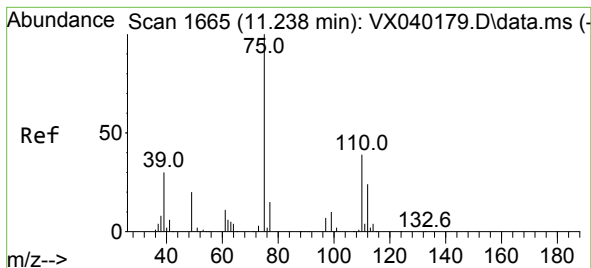
Tgt Ion:117 Resp: 122111
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion:152 Resp: 61611
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 161.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

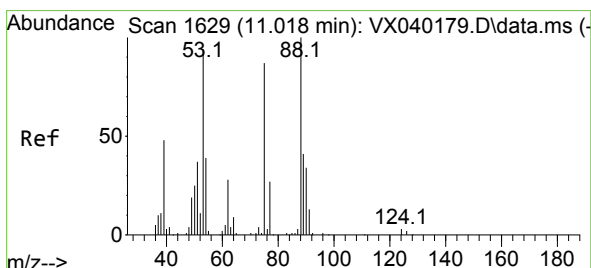
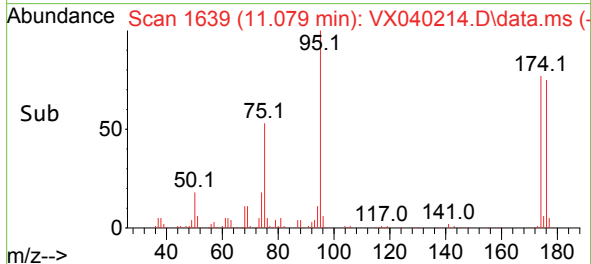
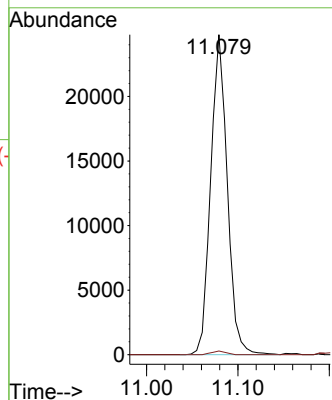
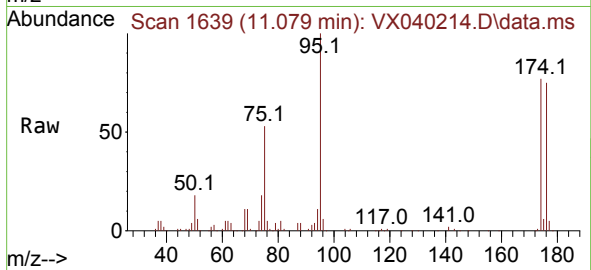
VX0214MBL01

Tgt Ion: 75 Resp: 31208

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.804 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

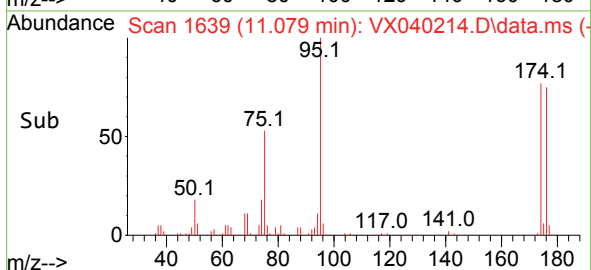
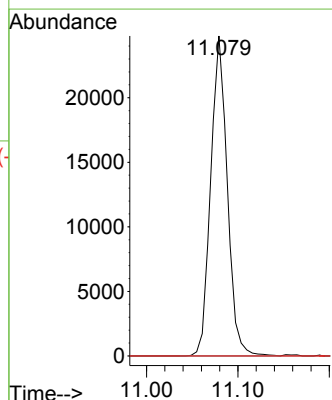
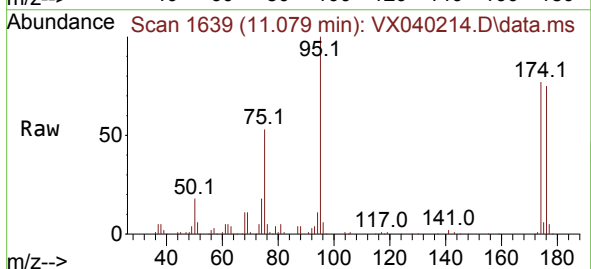
Tgt Ion: 75 Resp: 31208

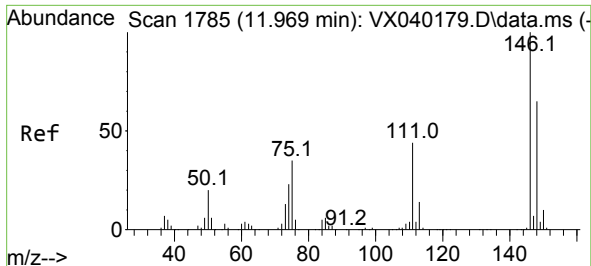
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.246 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01

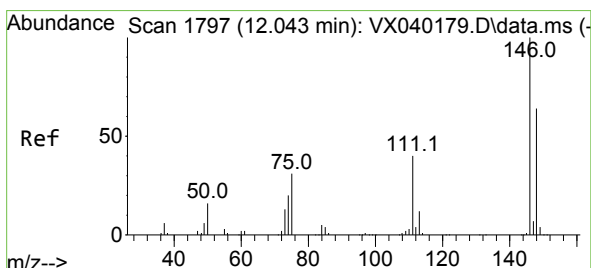
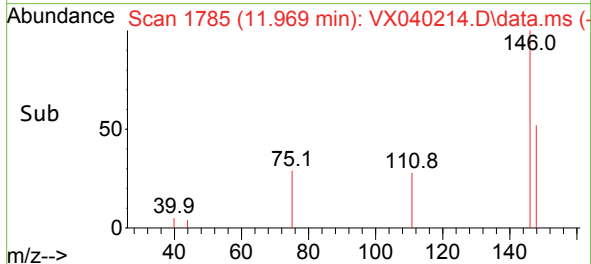
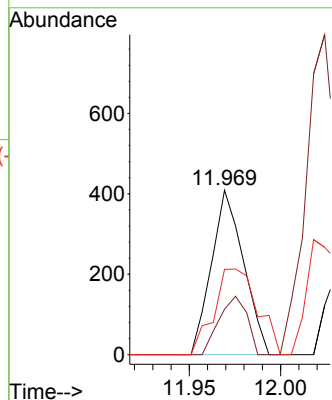
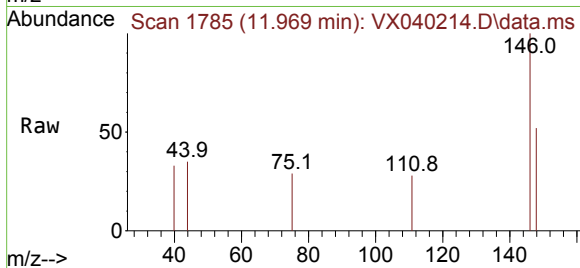
Tgt Ion:146 Resp: 500

Ion Ratio Lower Upper

146 100

111 30.8 22.1 66.1

148 70.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.233 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX040214.D

Acq: 14 Feb 2024 12:50

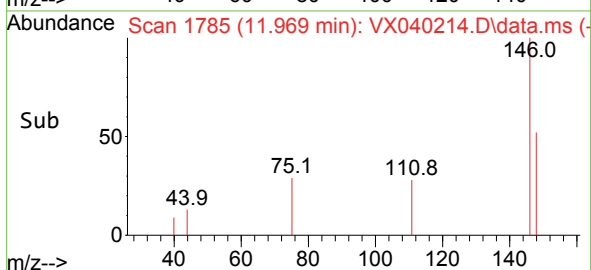
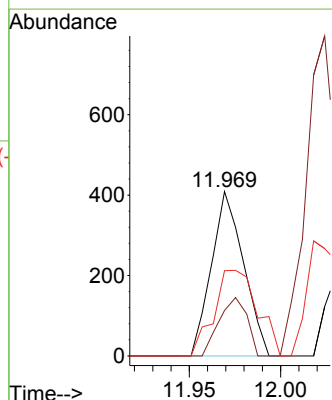
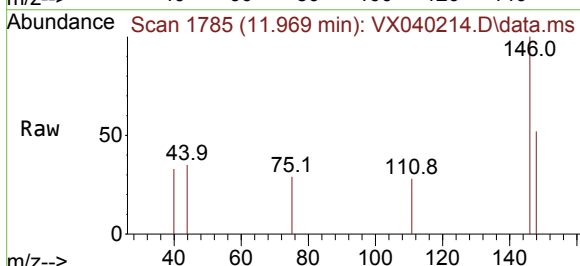
Tgt Ion:146 Resp: 500

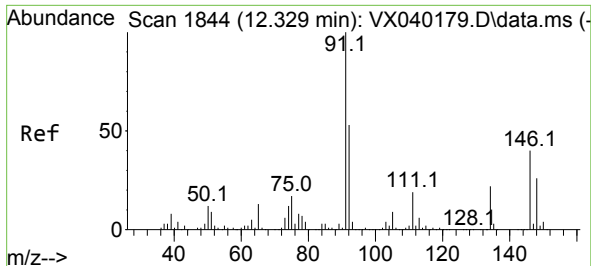
Ion Ratio Lower Upper

146 100

111 30.8 21.3 63.7

148 70.6 31.8 95.4

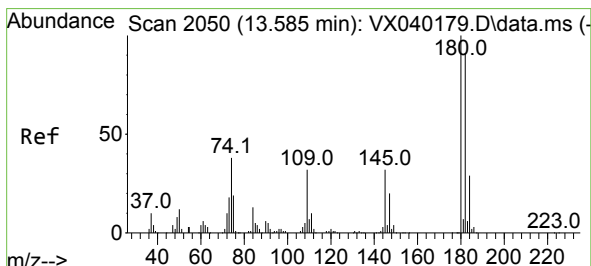
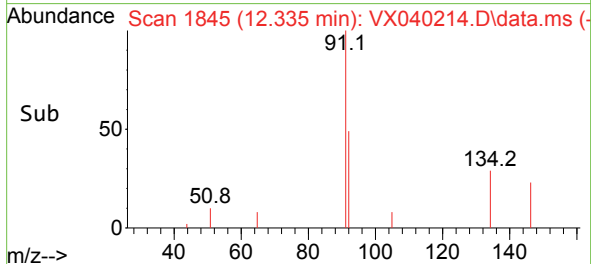
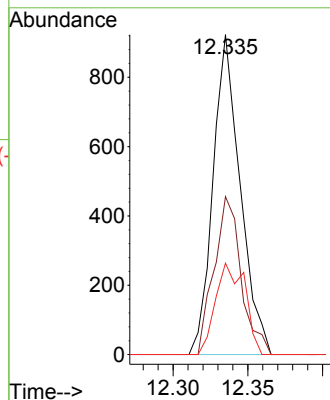
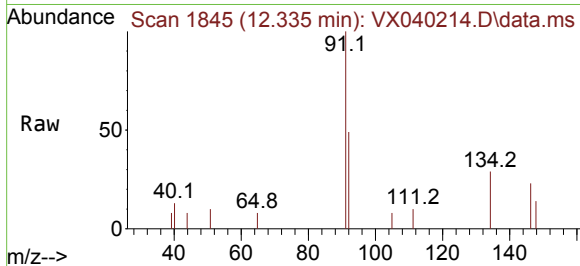




#89
n-Butylbenzene
Concen: 0.320 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

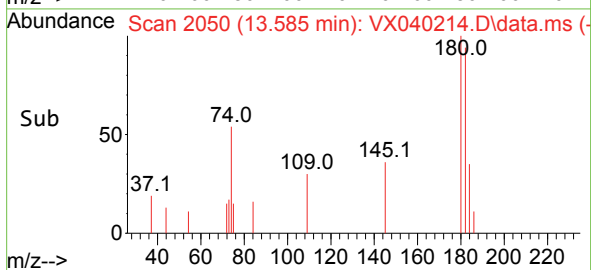
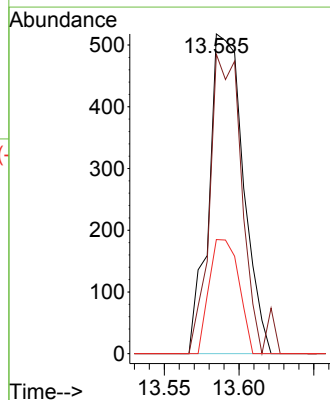
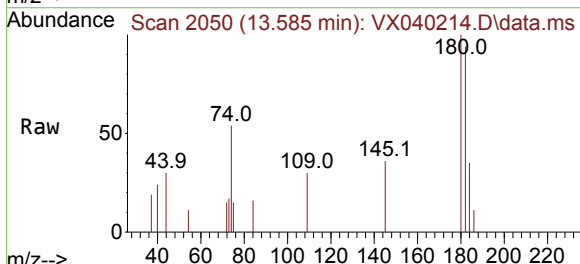
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

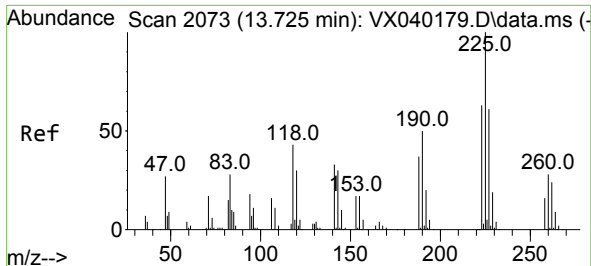
Tgt Ion: 91	Resp:	1165
Ion	Ratio	Lower Upper
91	100	
92	49.2	27.4 82.0
134	31.0	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.617 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion: 180	Resp:	831
Ion	Ratio	Lower Upper
180	100	
182	88.2	48.3 144.8
145	30.7	18.0 54.0

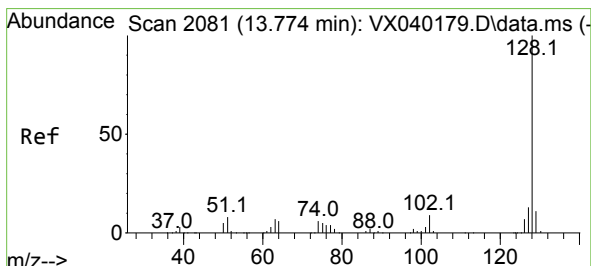
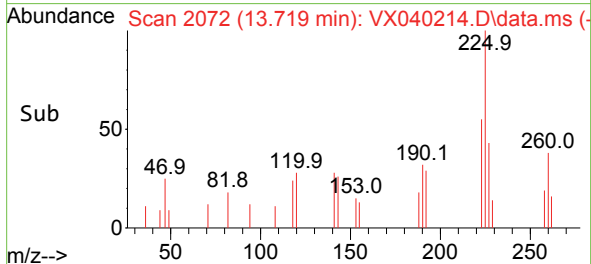
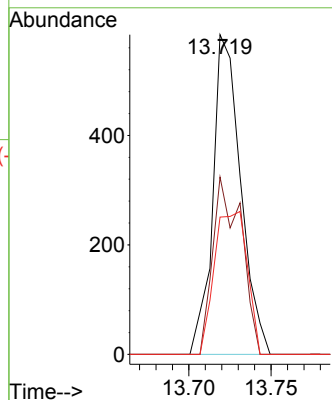
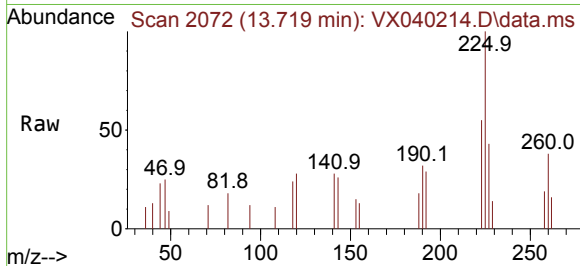




#94
Hexachlorobutadiene
Concen: 1.281 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

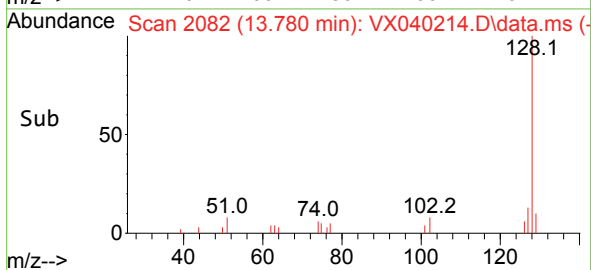
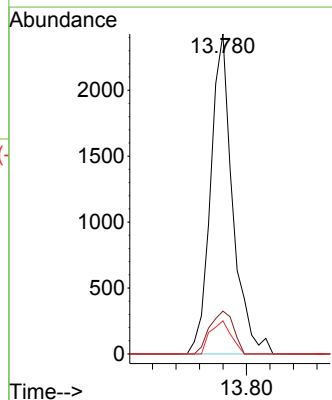
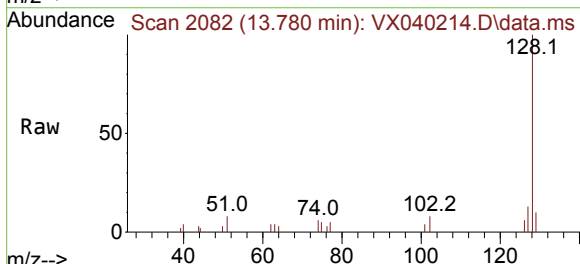
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

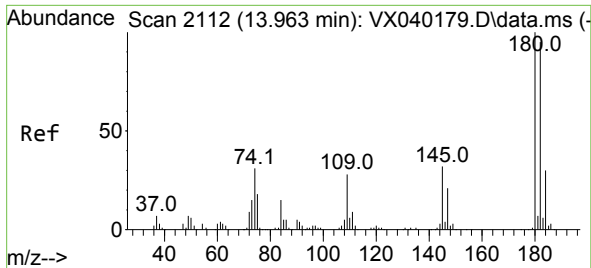
Tgt Ion:225	Resp:	688
Ion Ratio	Lower	Upper
225	100	
223	56.5	31.1 93.2
227	52.6	32.5 97.5



#95
Naphthalene
Concen: 0.742 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040214.D
Acq: 14 Feb 2024 12:50

Tgt Ion:128	Resp:	3154
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.3 15.5
129	9.7	8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.591 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040214.D

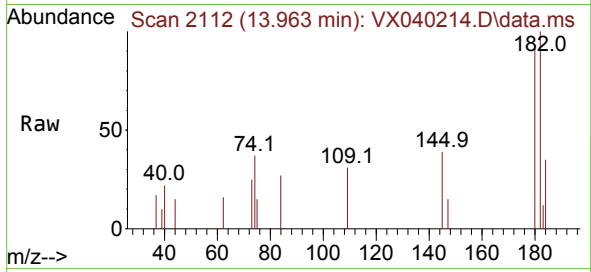
Acq: 14 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01



Tgt Ion:180 Resp: 758

Ion Ratio Lower Upper

180 100

182 113.5 46.9 140.6

145 35.5 17.8 53.5

