

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041802.D
 Acq On : 10 Jun 2024 12:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:46:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

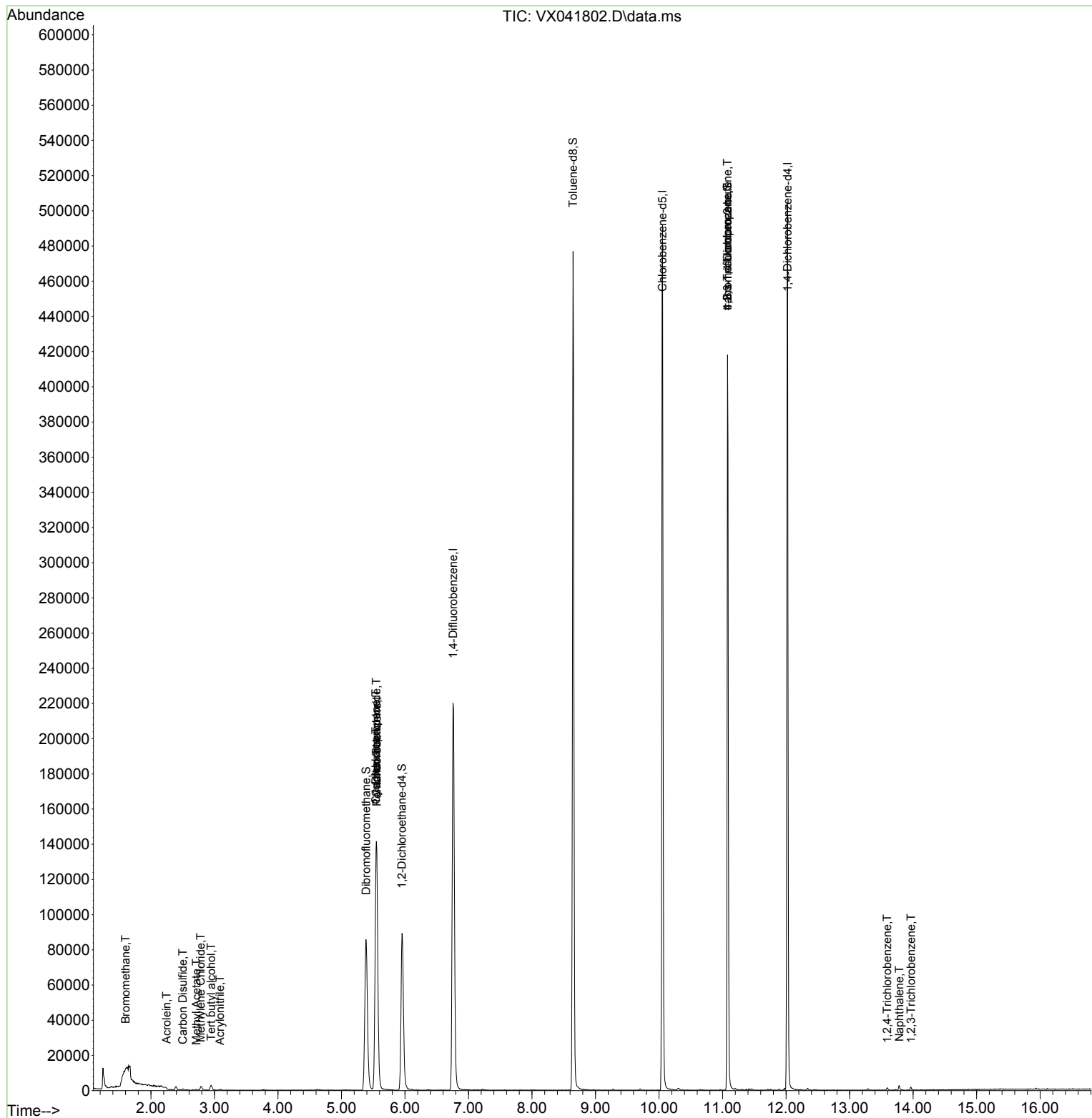
Internal Standards						
1) Pentafluorobenzene	5.556	168	151584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	237777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89390	48.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.385	113	74643	45.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.800%		
50) Toluene-d8	8.647	98	282255	49.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	103752	48.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	655	0.629	ug/l	99
11) Tert butyl alcohol	2.946	59	2001	6.084	ug/l #	78
13) Acrolein	2.245	56	212	0.692	ug/l #	70
15) Acrylonitrile	3.087	53	199	0.247	ug/l #	77
17) Carbon Disulfide	2.501	76	790	0.264	ug/l #	95
18) Methyl Acetate	2.715	43	455	0.256	ug/l #	63
20) Methylene Chloride	2.782	84	1180	0.709	ug/l #	86
31) Cyclohexane	5.544	56	2769	1.262	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	9911	4.979	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13357	5.906	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	52305	25.824	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52305	70.384	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	562	0.221	ug/l	97
95) Naphthalene	13.786	128	2352	0.313	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	605	0.231	ug/l	83

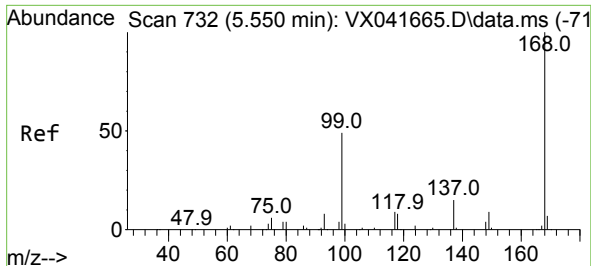
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
Data File : VX041802.D
Acq On : 10 Jun 2024 12:02
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 03:46:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

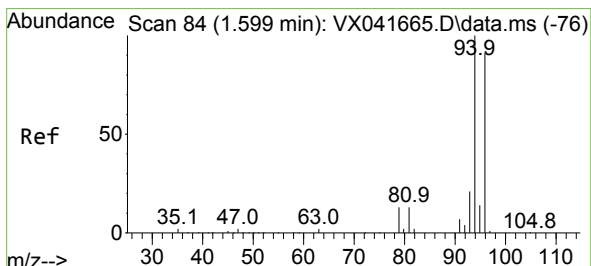
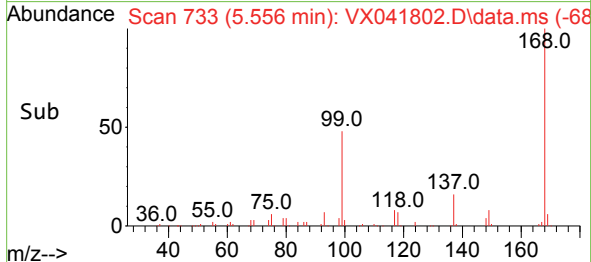
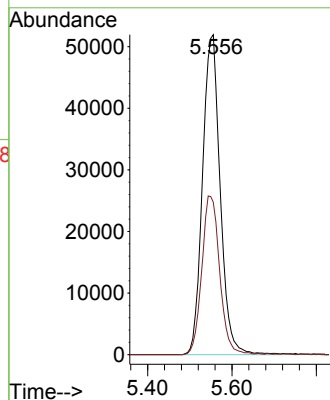
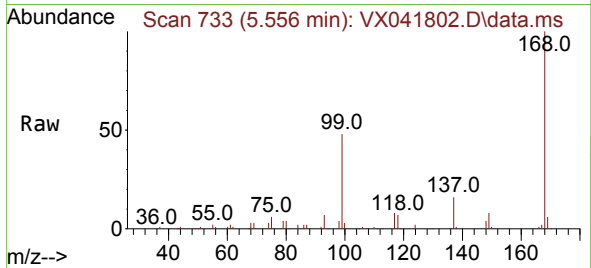




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

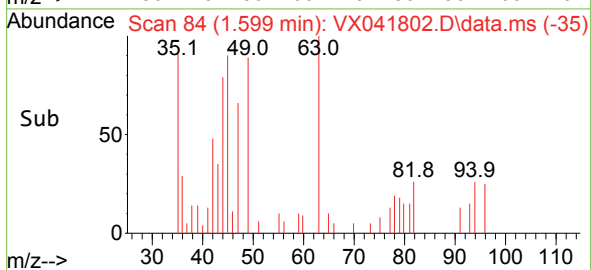
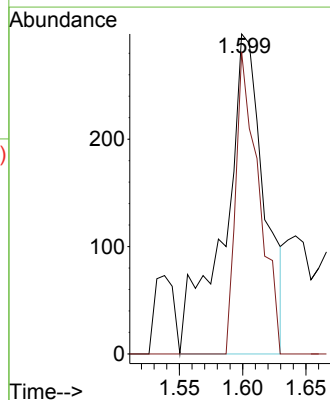
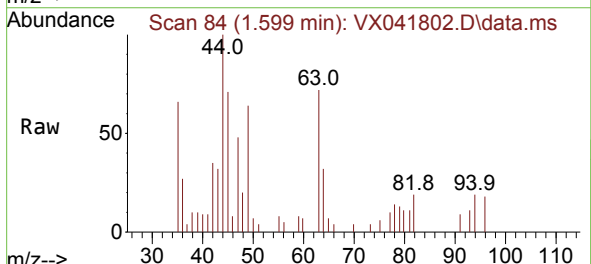
Instrument :
MSVOA_X
ClientSampleId :

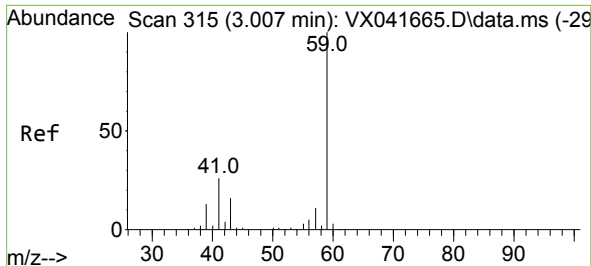
Tgt Ion:168 Resp: 151584
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#5
Bromomethane
Concen: 0.629 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

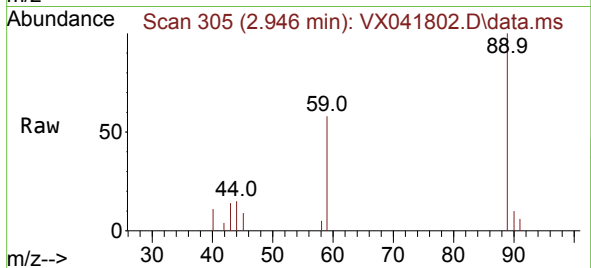
Tgt Ion: 94 Resp: 655
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8



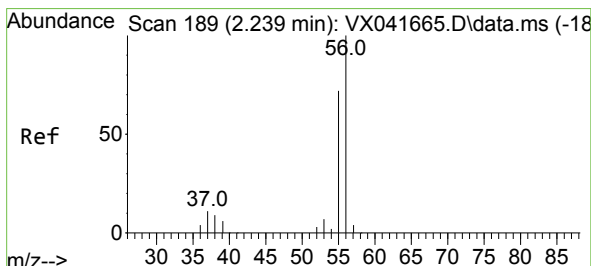
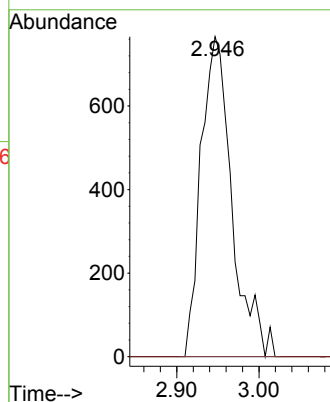
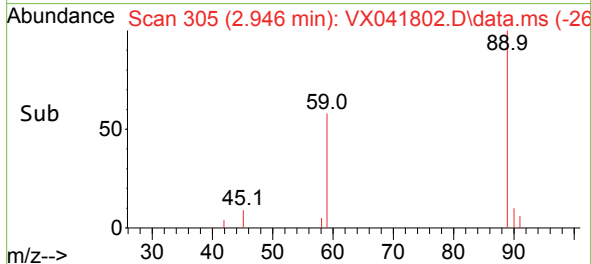


#11
Tert butyl alcohol
Concen: 6.084 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :

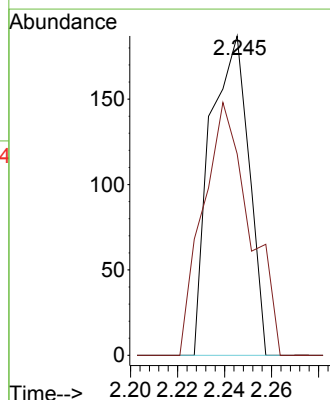
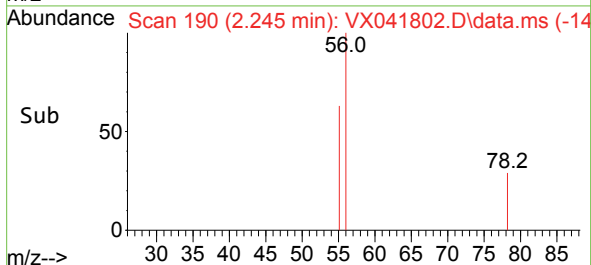
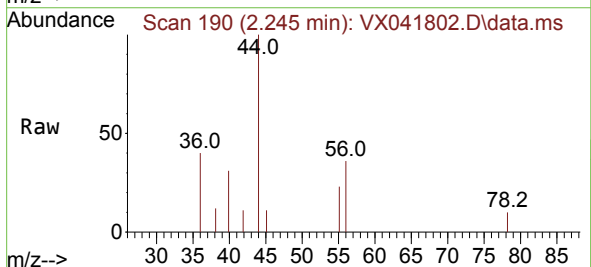


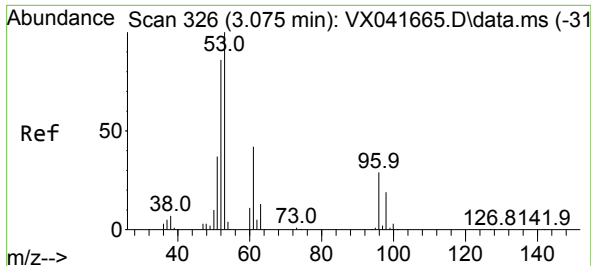
Tgt Ion: 59 Resp: 2001
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.692 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

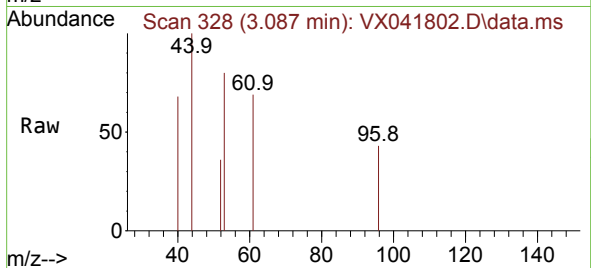
Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
55 96.2 57.1 85.7#



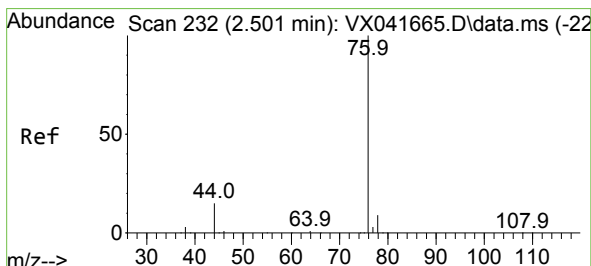
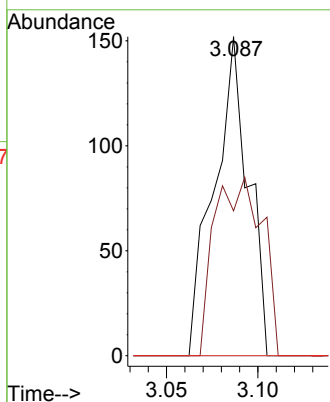
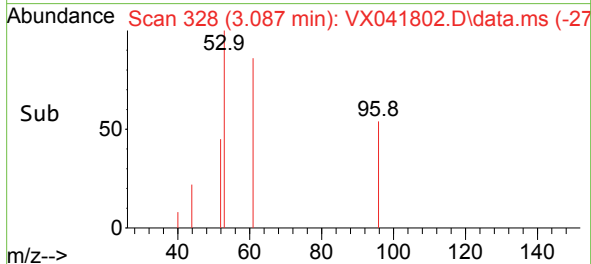


#15
Acrylonitrile
Concen: 0.247 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :

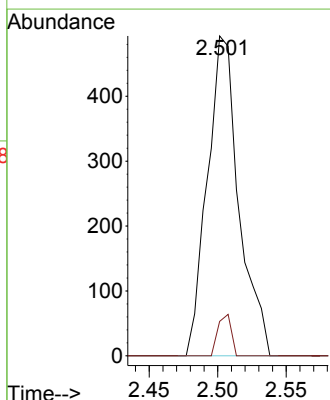
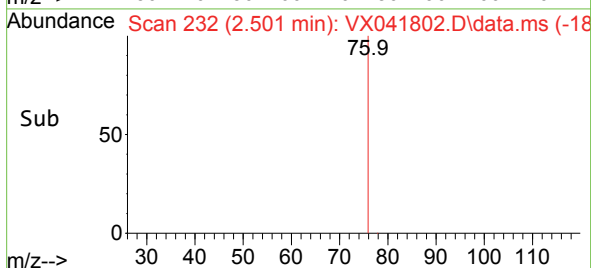
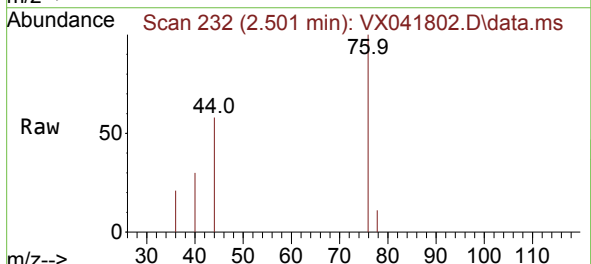


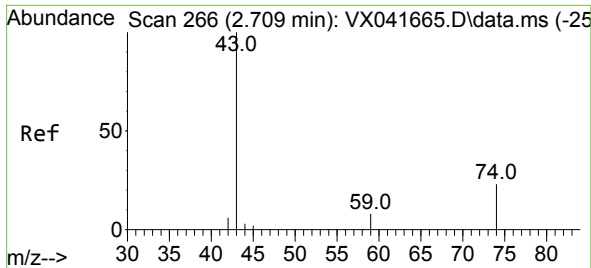
Tgt Ion: 53 Resp: 199
Ion Ratio Lower Upper
53 100
52 77.9 66.0 99.0
51 0.0 29.8 44.6#



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Tgt Ion: 76 Resp: 790
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#

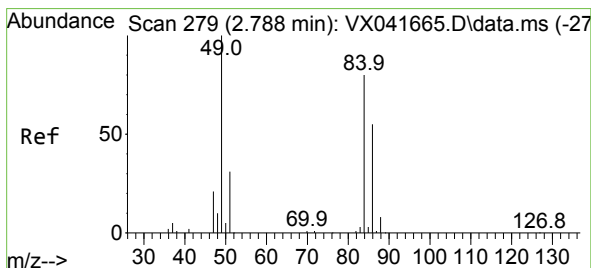
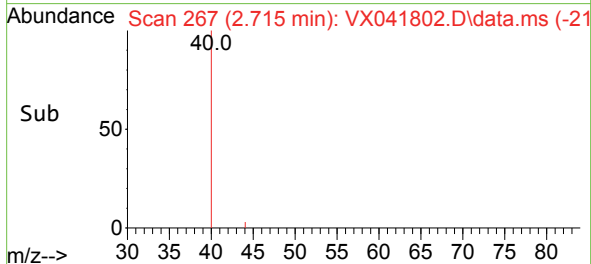
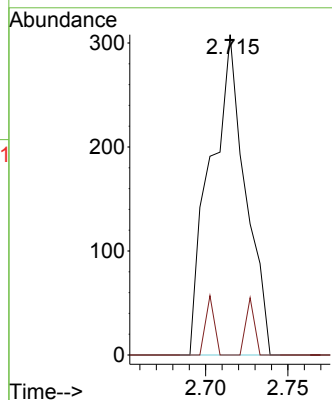
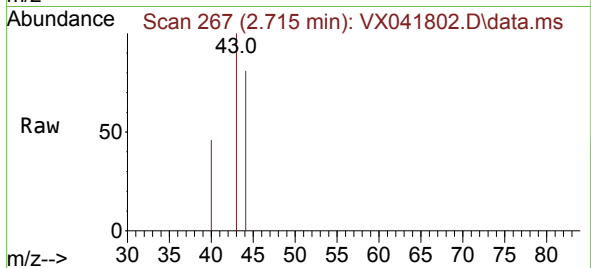




#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

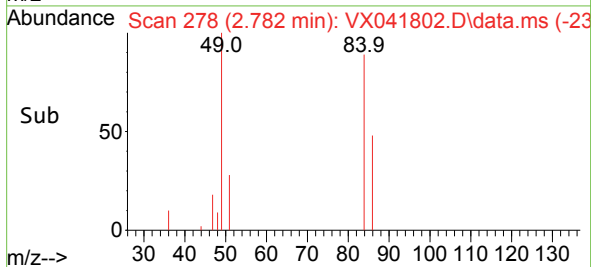
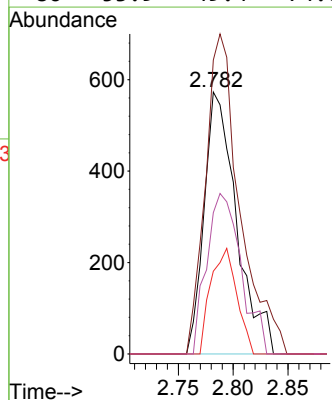
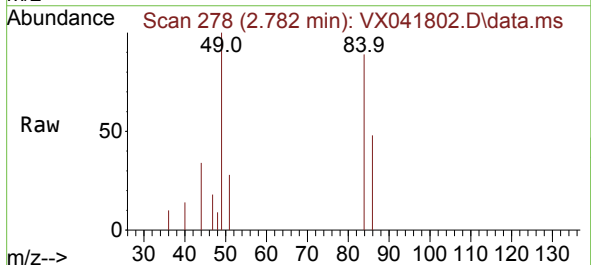
Instrument :
MSVOA_X
ClientSampleId :

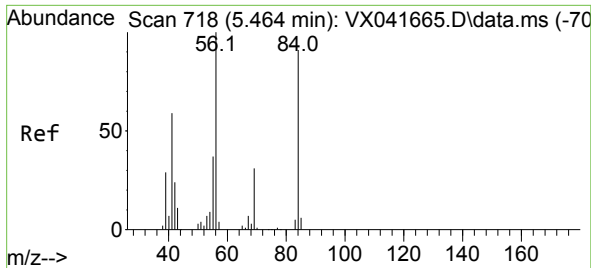
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
74 4.4 17.8 26.8#



#20
Methylene Chloride
Concen: 0.709 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

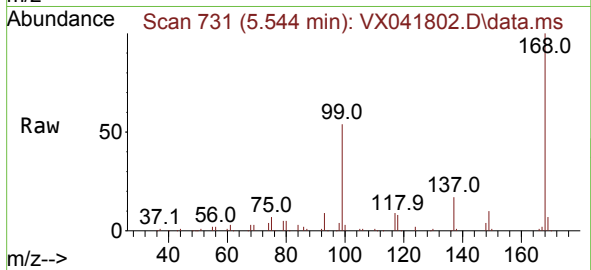
Tgt Ion: 84 Resp: 1180
Ion Ratio Lower Upper
84 100
49 112.2 103.6 155.4
51 31.6 33.8 50.6#
86 53.9 49.4 74.0



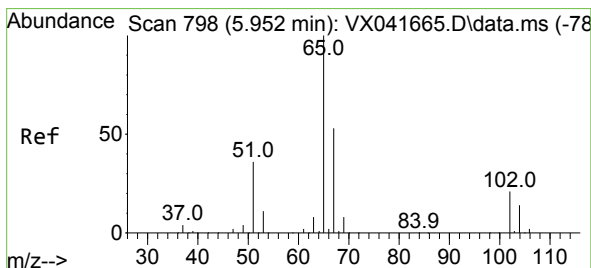
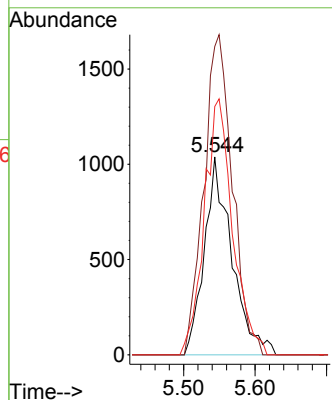
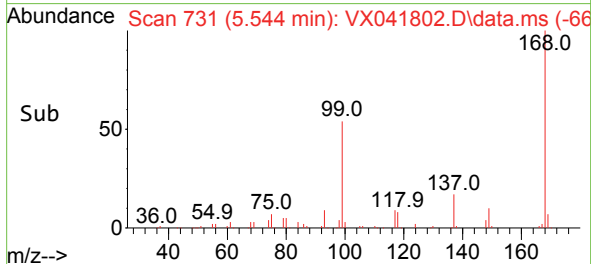


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :

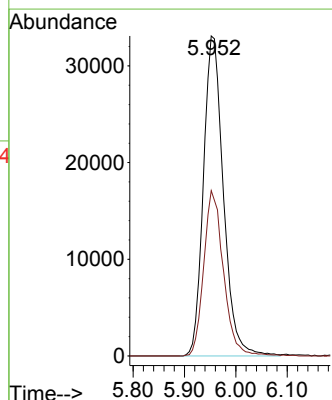
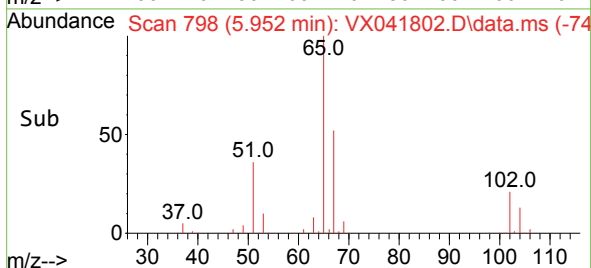
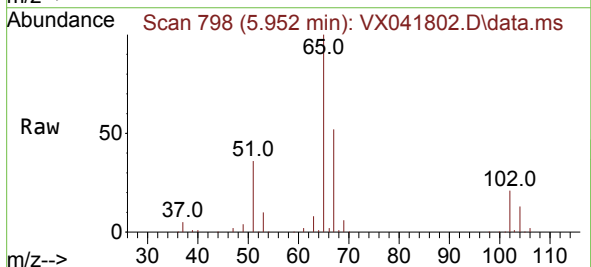


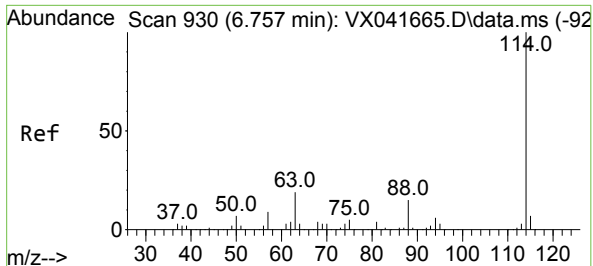
Tgt Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
69 155.8 23.4 35.2#
84 125.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.082 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Tgt Ion: 65 Resp: 89390
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

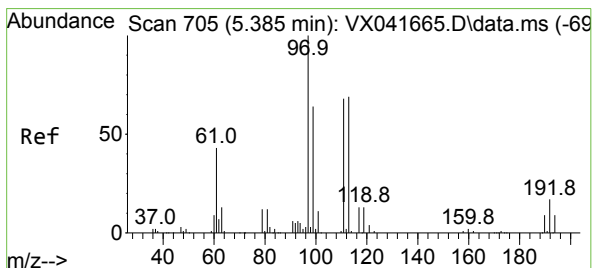
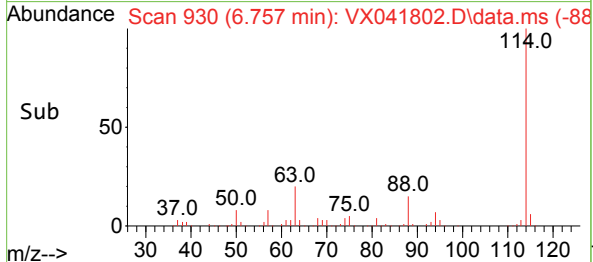
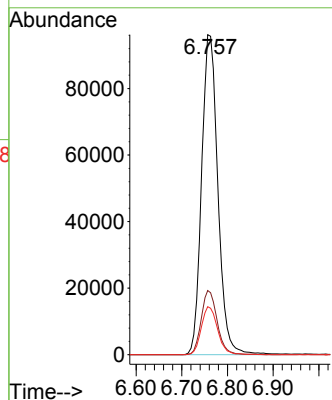
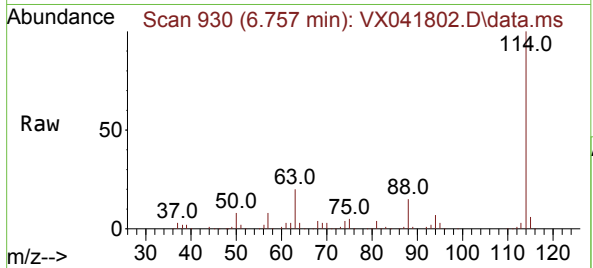




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

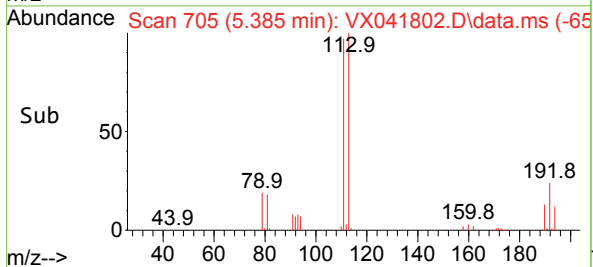
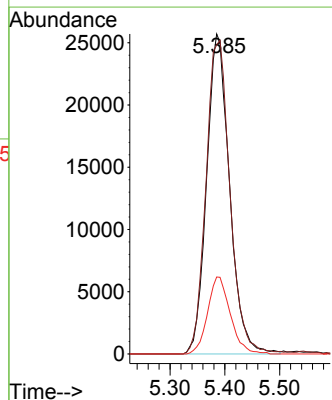
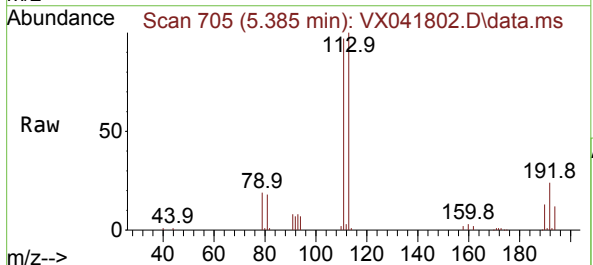
Instrument :
MSVOA_X
ClientSampleId :

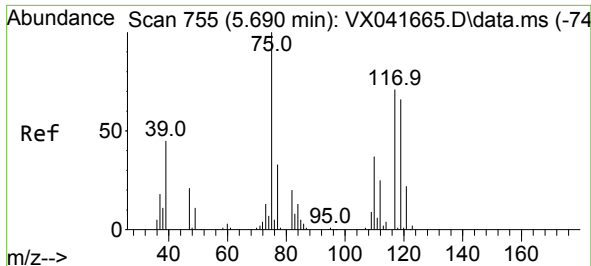
Tgt Ion:114 Resp: 237777
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.404 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

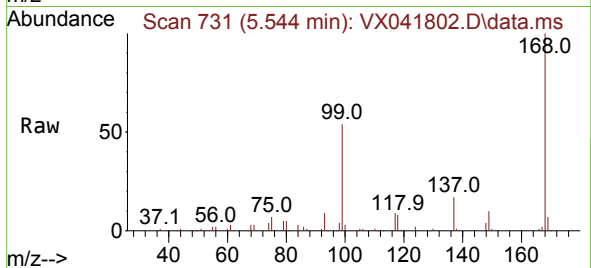
Tgt Ion:113 Resp: 74643
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 23.9 13.3 19.9#



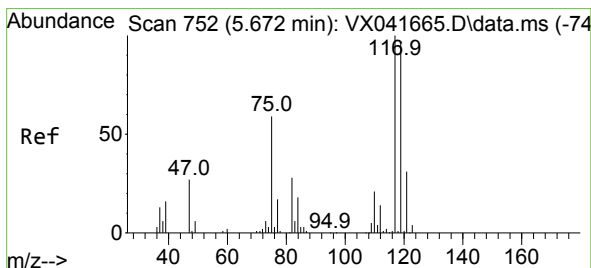
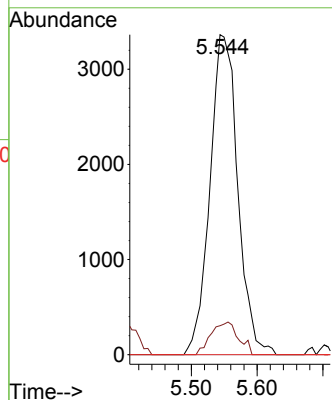
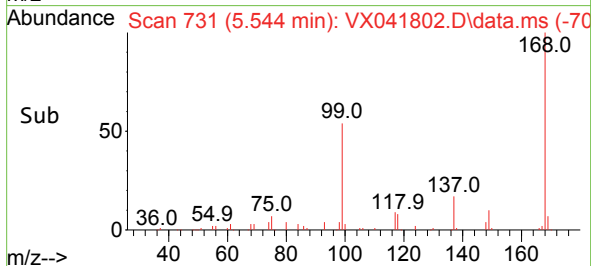


#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

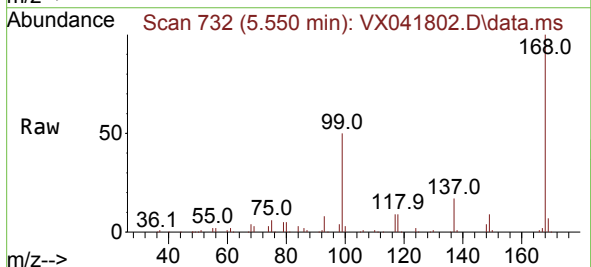
Instrument :
MSVOA_X
ClientSampleId :



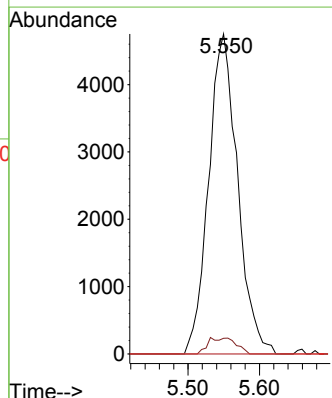
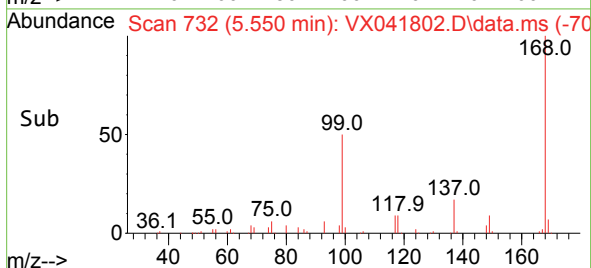
Tgt Ion: 75 Resp: 9911
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

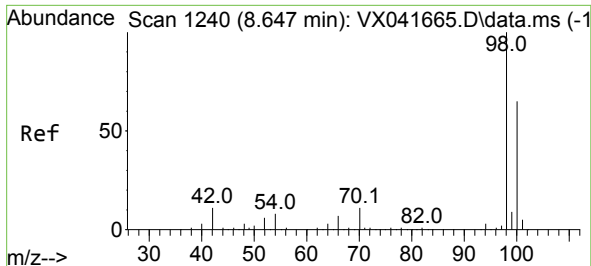


#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02



Tgt Ion: 117 Resp: 13357
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

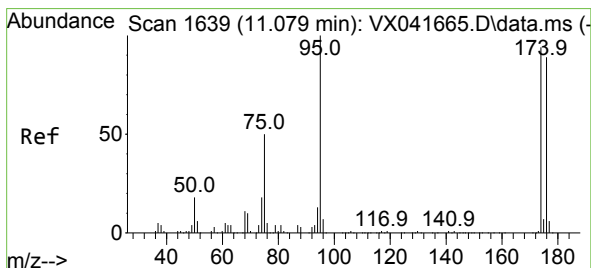
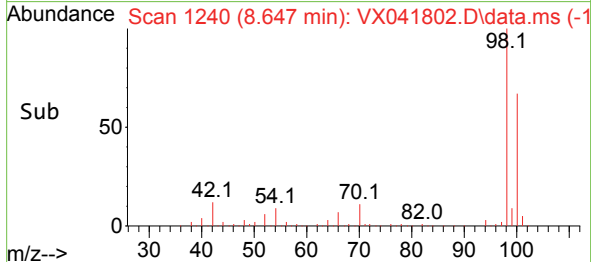
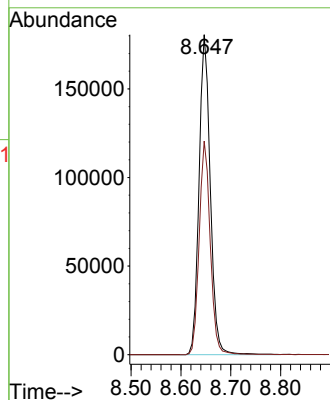
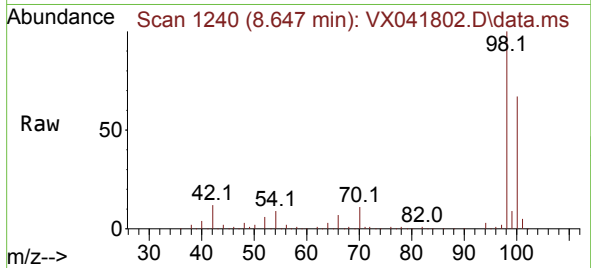




#50
Toluene-d8
Concen: 49.137 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

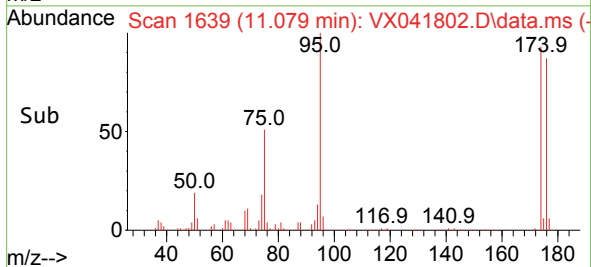
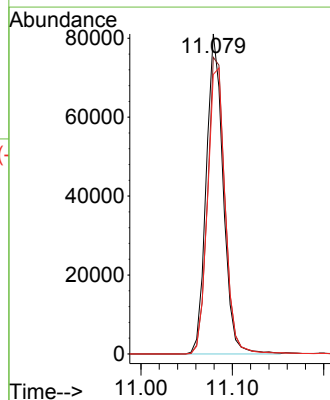
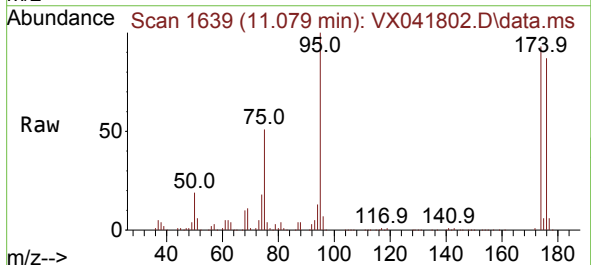
Instrument :
MSVOA_X
ClientSampleId :

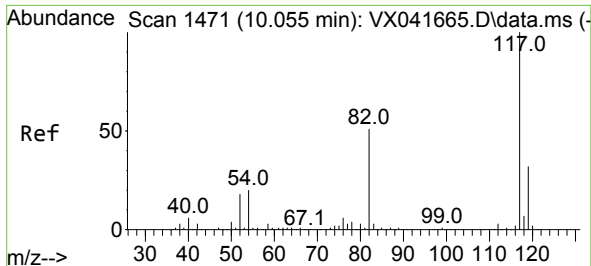
Tgt Ion: 98 Resp: 282255
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Tgt Ion: 95 Resp: 103752
Ion Ratio Lower Upper
95 100
174 96.0 0.0 135.6
176 93.9 0.0 131.0

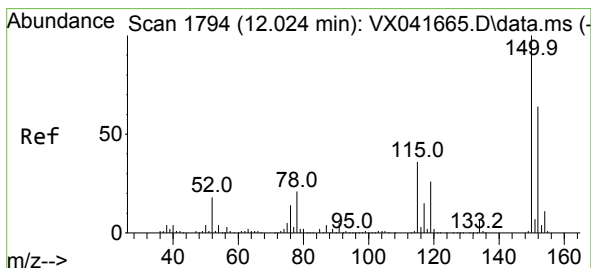
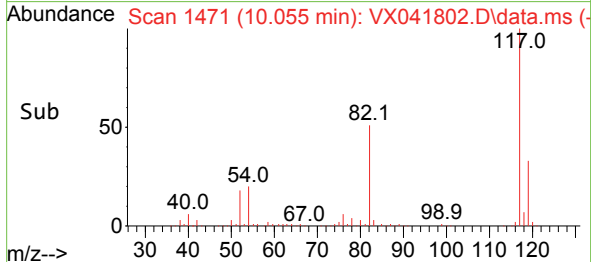
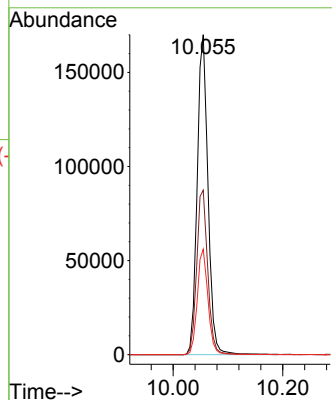
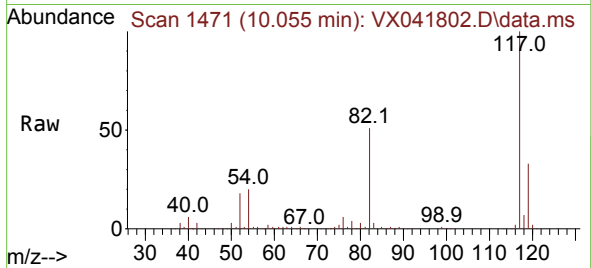




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

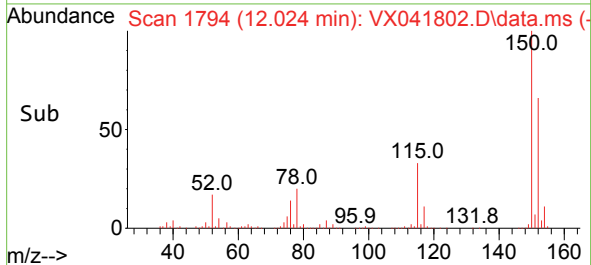
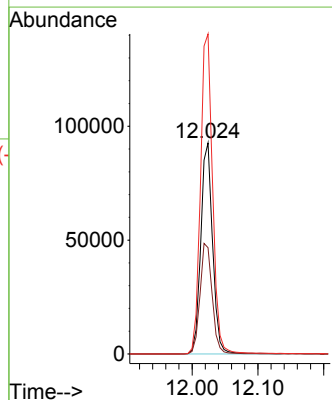
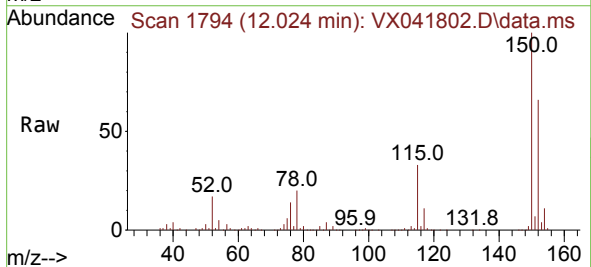
Instrument :
MSVOA_X
ClientSampleId :

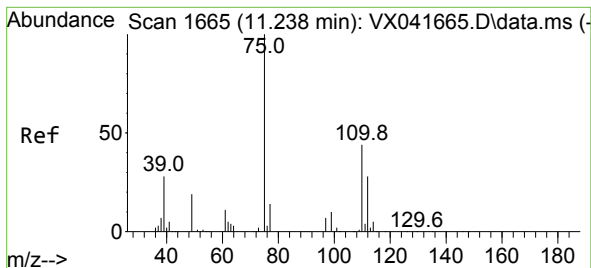
Tgt Ion:117 Resp: 233894
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Tgt Ion:152 Resp: 116083
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.824 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041802.D

Acq: 10 Jun 2024 12:02

Instrument :

MSVOA_X

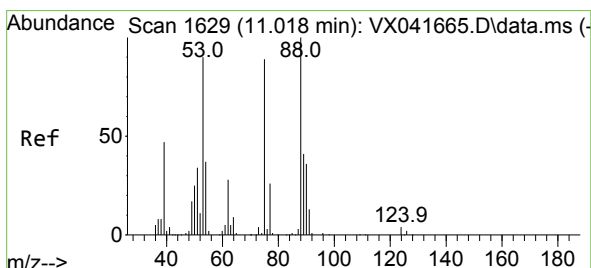
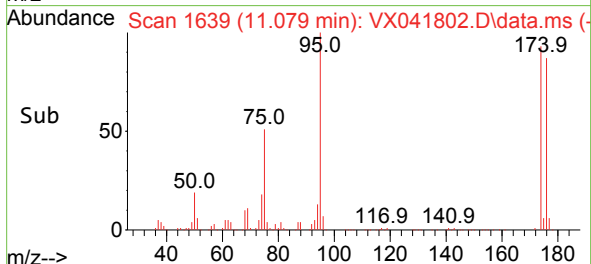
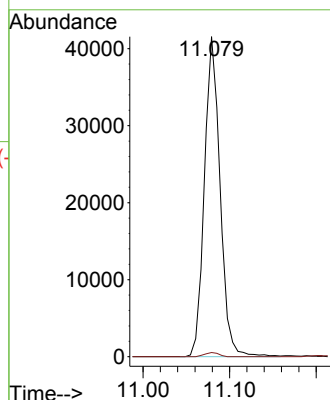
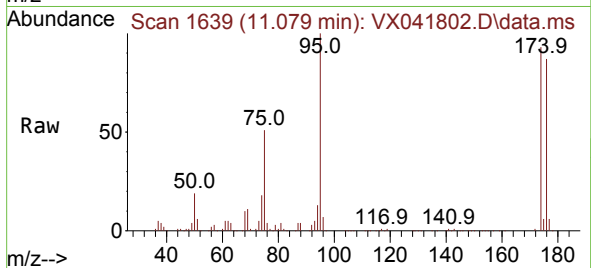
ClientSampleId :

Tgt Ion: 75 Resp: 52305

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.384 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041802.D

Acq: 10 Jun 2024 12:02

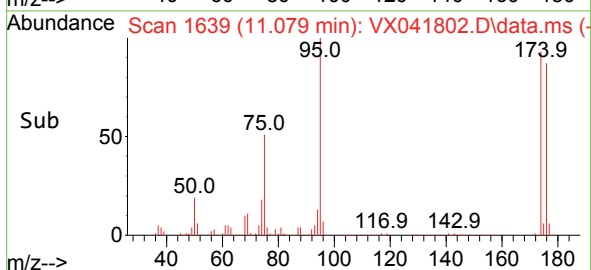
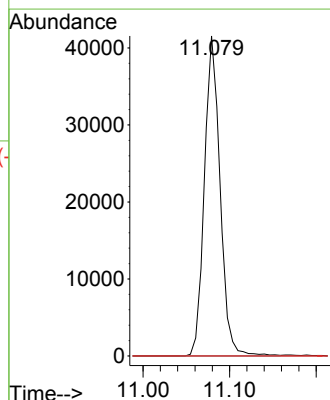
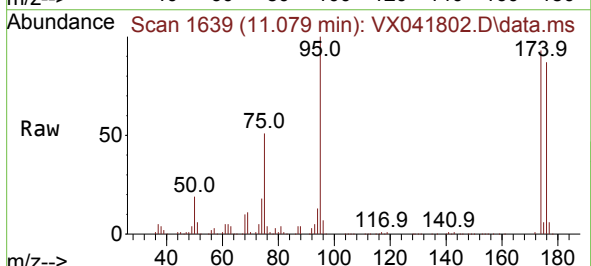
Tgt Ion: 75 Resp: 52305

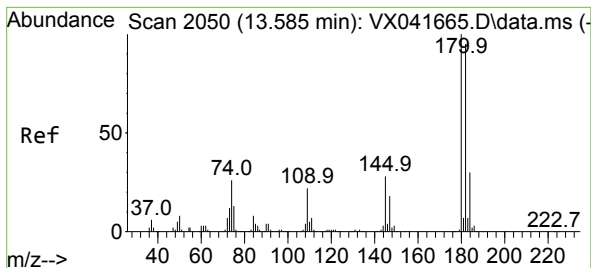
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.221 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041802.D

Acq: 10 Jun 2024 12:02

Instrument :

MSVOA_X

ClientSampleId :

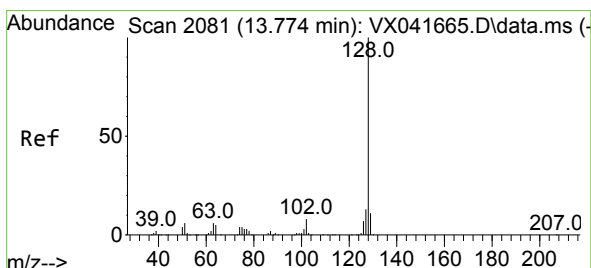
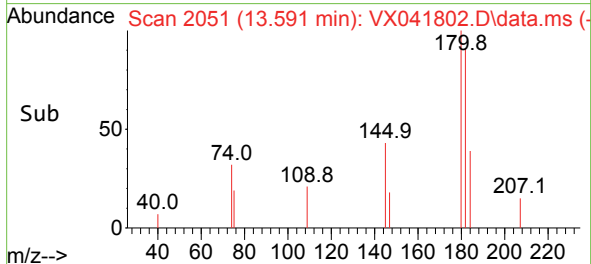
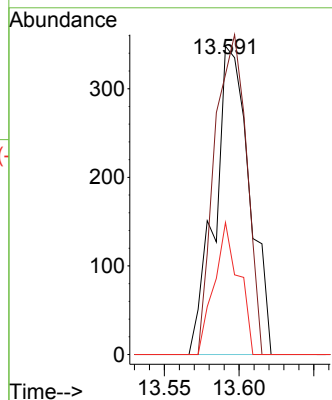
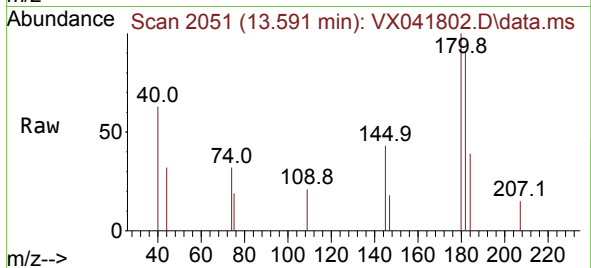
Tgt Ion:180 Resp: 562

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.8

145 30.2 18.0 54.0



#95

Naphthalene

Concen: 0.313 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX041802.D

Acq: 10 Jun 2024 12:02

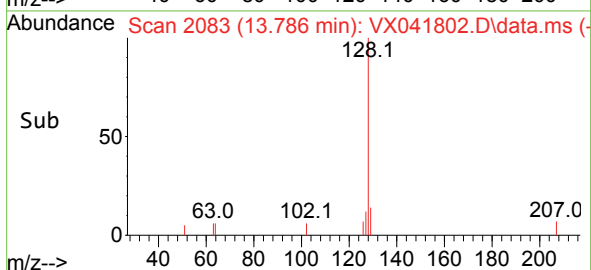
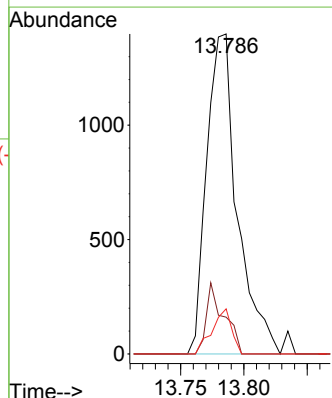
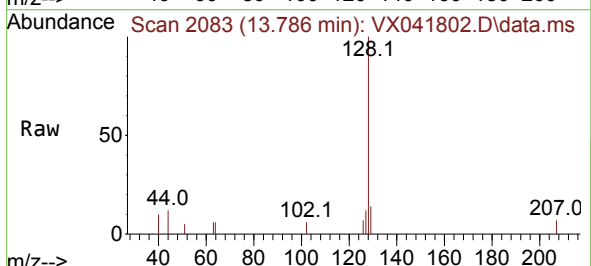
Tgt Ion:128 Resp: 2352

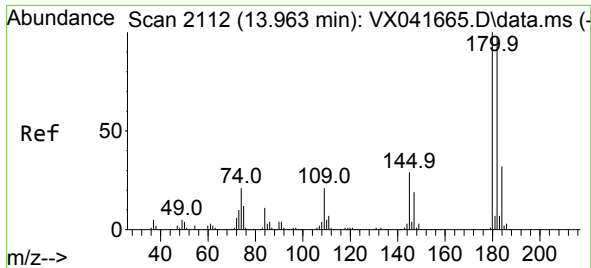
Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

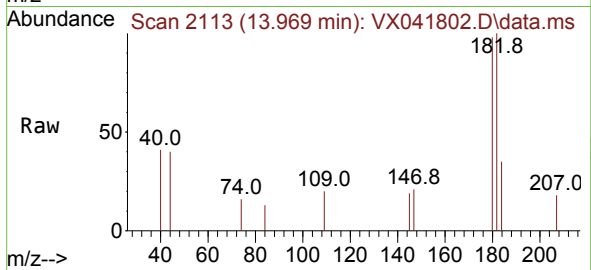
129 9.1 8.8 13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.969 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041802.D
Acq: 10 Jun 2024 12:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	180	Resp:	605
Ion	Ratio	Lower	Upper
180	100		
182	109.9	46.9	140.6
145	25.0	17.8	53.5

