

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041798.D
 Acq On : 10 Jun 2024 10:25
 Operator : JC/MD
 Sample : VX0610MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:43:57 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)

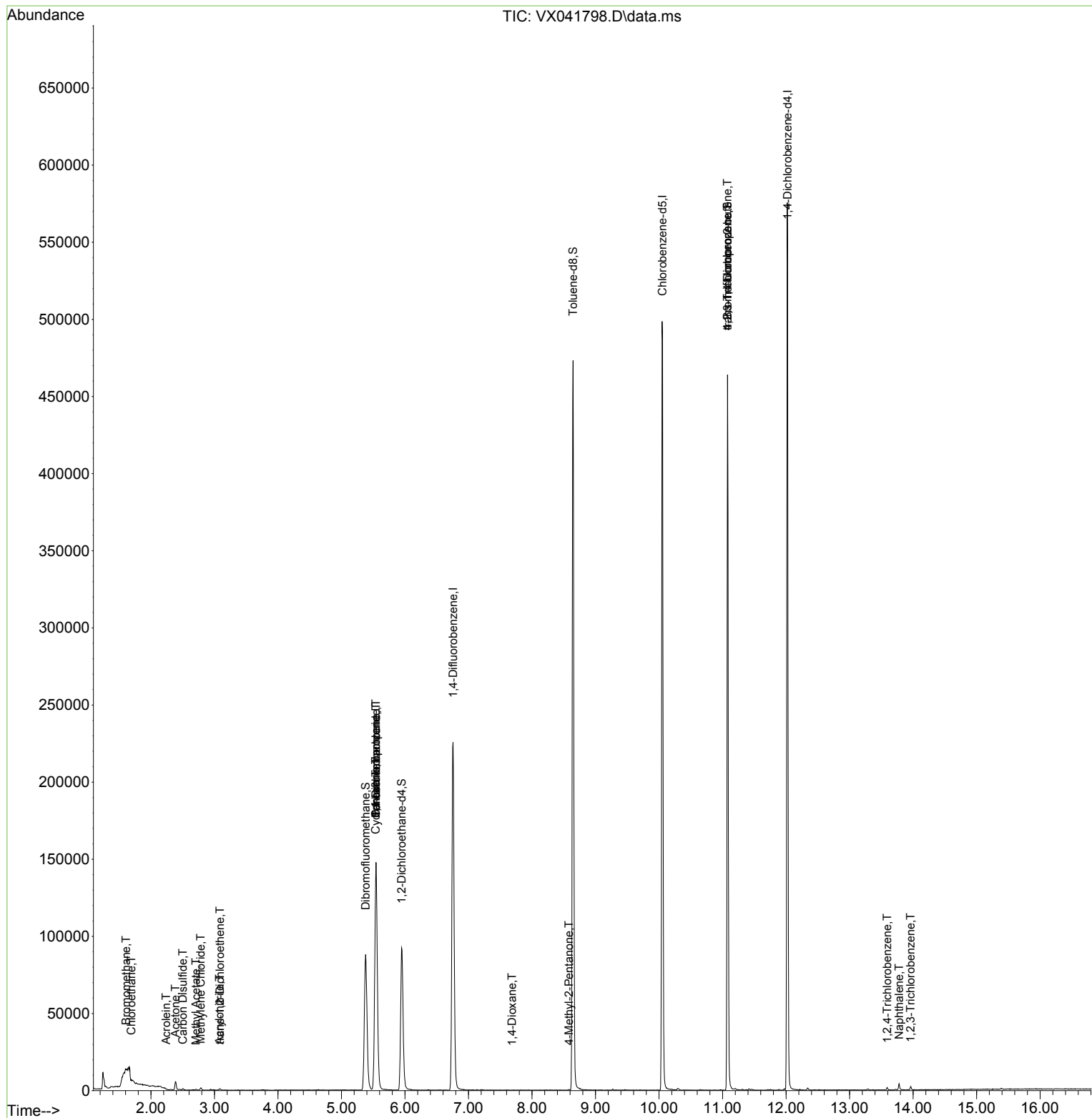
Internal Standards						
1) Pentafluorobenzene	5.544	168	152140	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	239113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92123	49.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.379	113	75946	45.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	292012	50.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	112736	52.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.760%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	600	0.574	ug/l	83
6) Chloroethane	1.691	64	753	0.830	ug/l	# 43
13) Acrolein	2.239	56	184	0.599	ug/l	# 48
15) Acrylonitrile	3.081	53	513	0.634	ug/l	# 82
16) Acetone	2.386	43	6113	4.772	ug/l	93
17) Carbon Disulfide	2.502	76	1182	0.394	ug/l	96
18) Methyl Acetate	2.709	43	733	0.411	ug/l	# 68
20) Methylene Chloride	2.782	84	677	0.405	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	307	0.218	ug/l	# 38
31) Cyclohexane	5.538	56	2816	1.278	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10137	5.064	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	13408	5.895	ug/l	# 15
49) 1,4-Dioxane	7.684	88	19	0.475	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.580	43	504	0.204	ug/l	# 76
76) 1,2,3-Trichloropropane	11.079	75	56837	25.440	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	56837	69.338	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	736	0.262	ug/l	# 87
95) Naphthalene	13.780	128	3377	0.407	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	809	0.280	ug/l	91

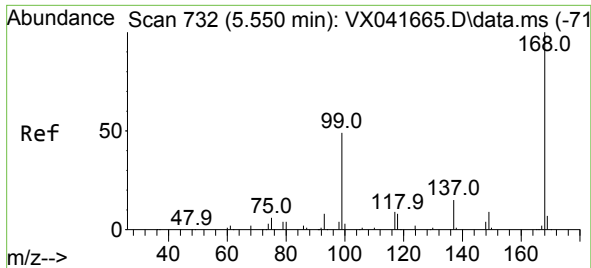
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
Data File : VX041798.D
Acq On : 10 Jun 2024 10:25
Operator : JC/MD
Sample : VX0610MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 03:43:57 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

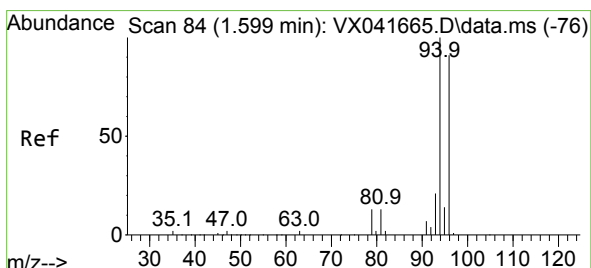
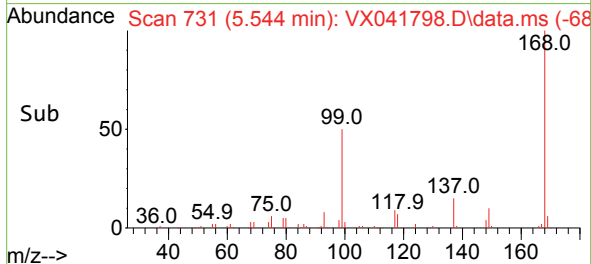
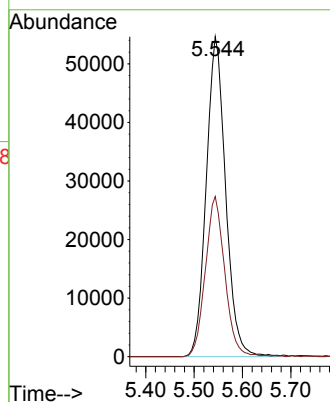
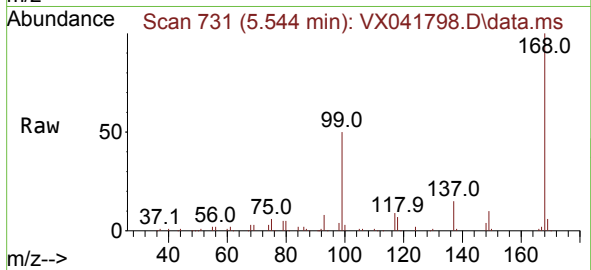




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

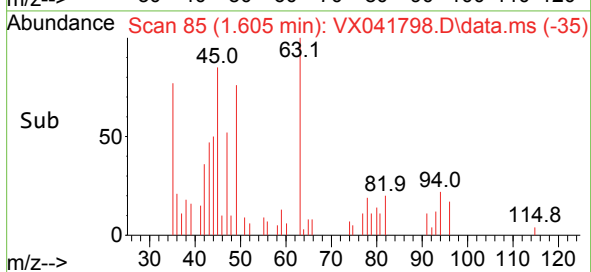
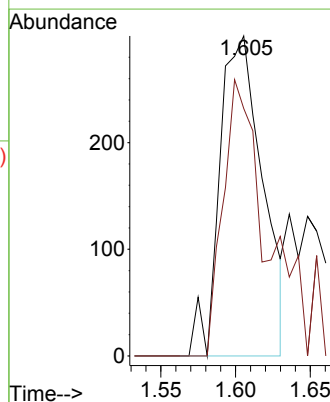
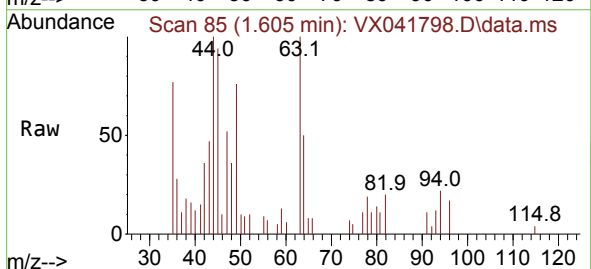
Instrument :
MSVOA_X
ClientSampleId :

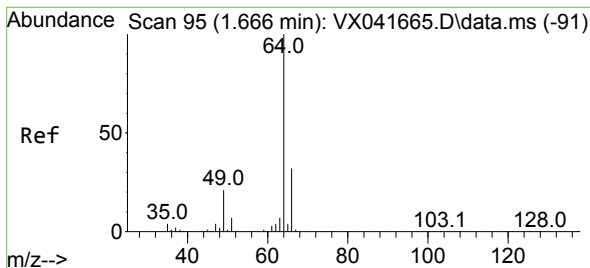
Tgt Ion:168 Resp: 152140
Ion Ratio Lower Upper
168 100
99 50.0 56.6 85.0#



#5
Bromomethane
Concen: 0.574 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 77.3 74.6 111.8

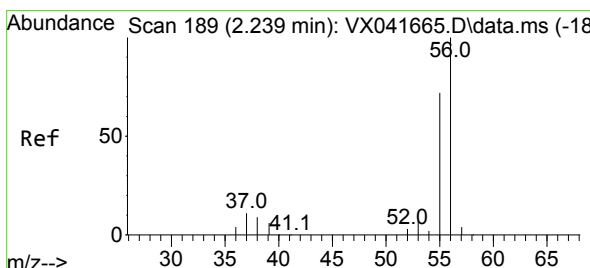
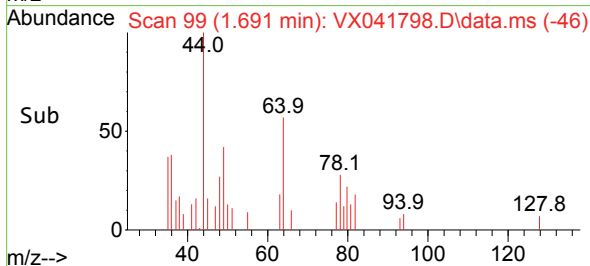
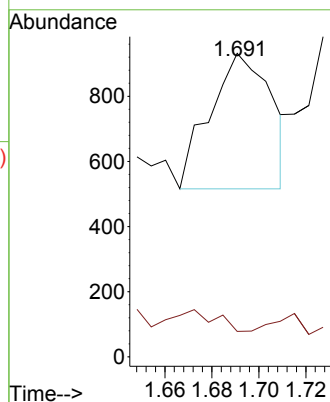
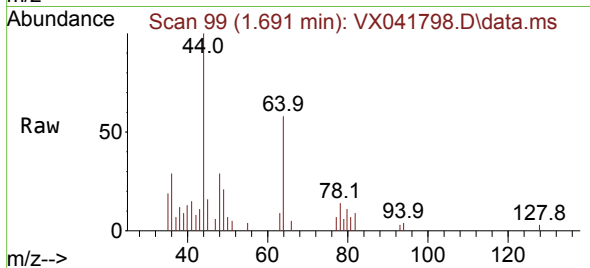




#6
Chloroethane
Concen: 0.830 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

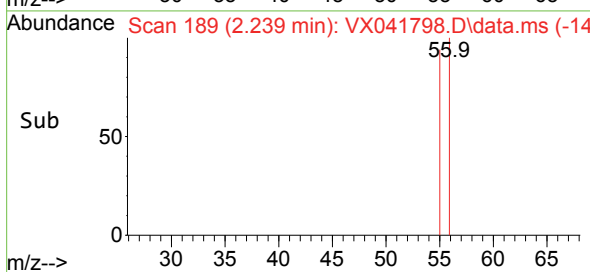
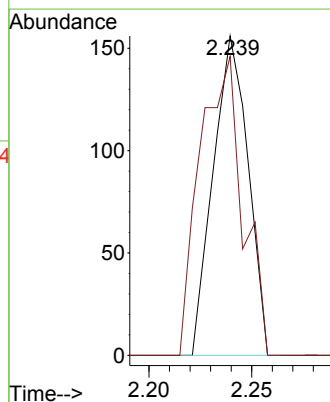
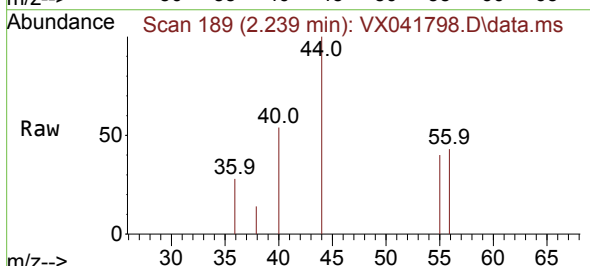
Instrument :
MSVOA_X
ClientSampleId :

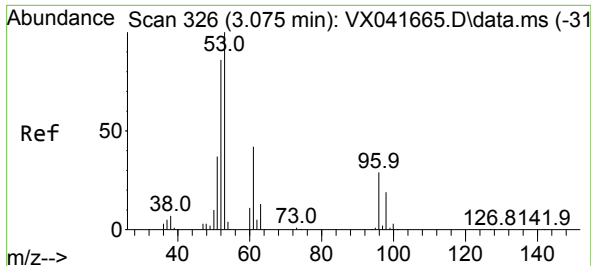
Tgt Ion: 64 Resp: 753
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.599 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

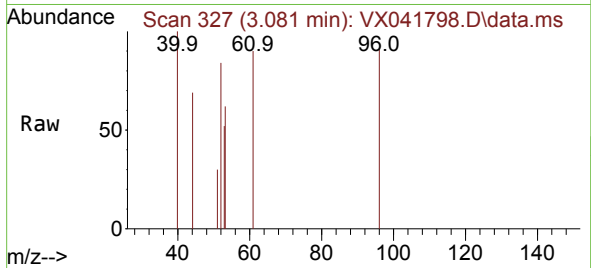
Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 114.7 57.1 85.7#



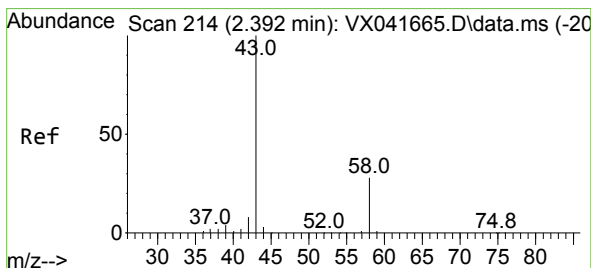
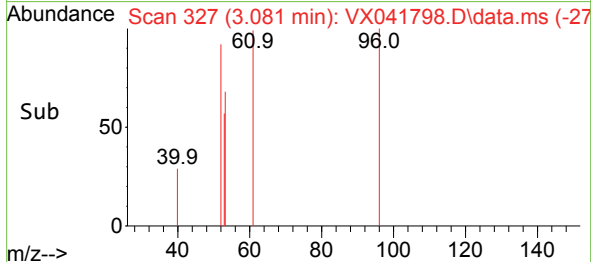
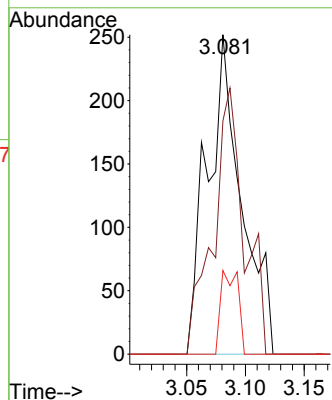


#15
Acrylonitrile
Concen: 0.634 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

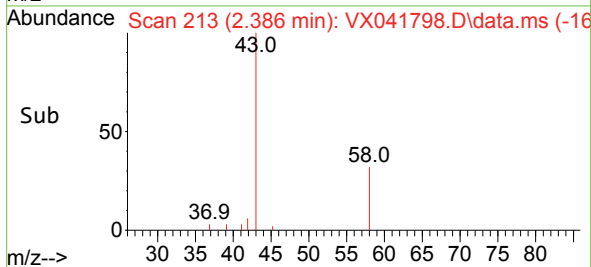
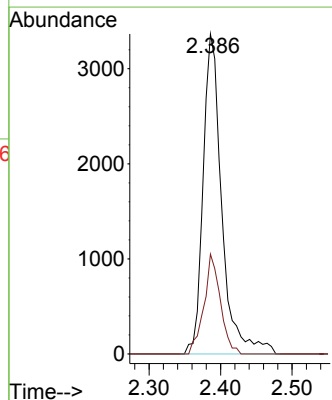
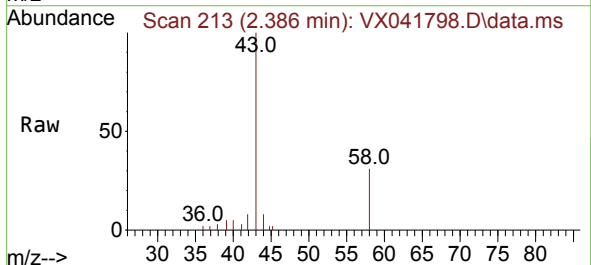


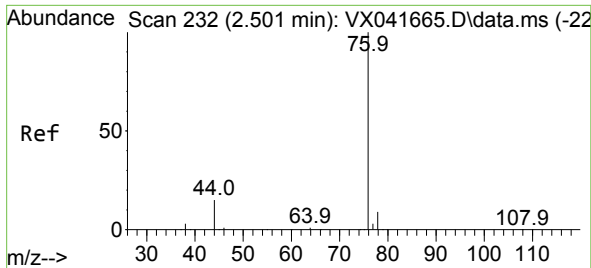
Tgt Ion: 53 Resp: 513
Ion Ratio Lower Upper
53 100
52 75.4 66.0 99.0
51 13.3 29.8 44.6#



#16
Acetone
Concen: 4.772 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

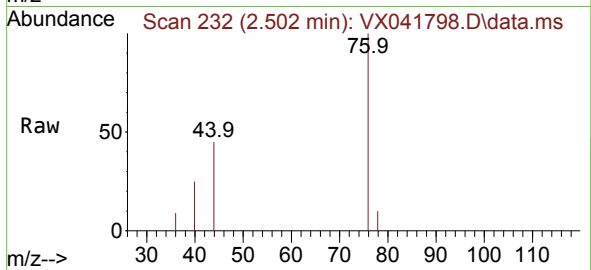
Tgt Ion: 43 Resp: 6113
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9



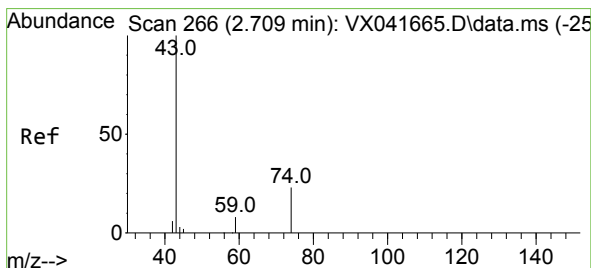
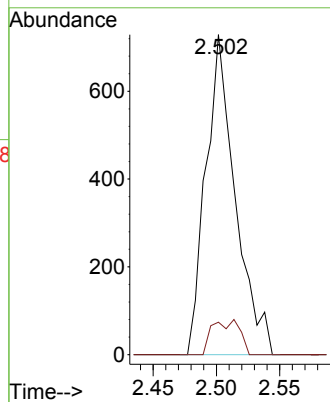
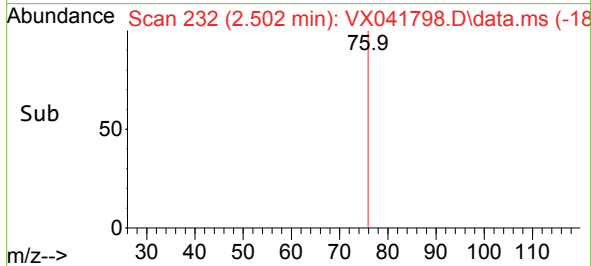


#17
Carbon Disulfide
Concen: 0.394 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

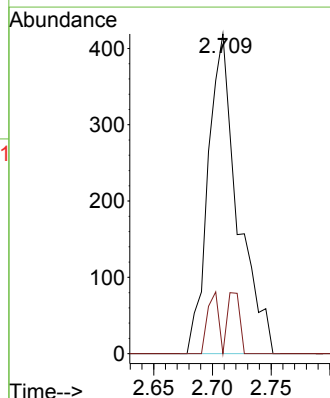
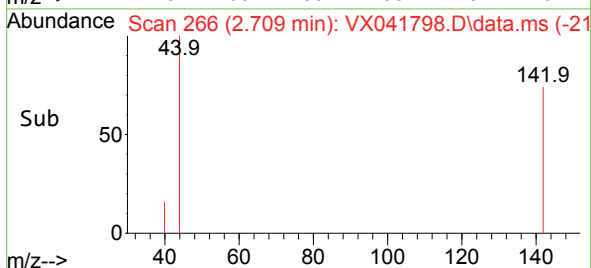
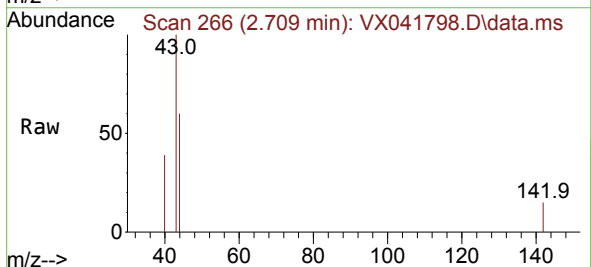


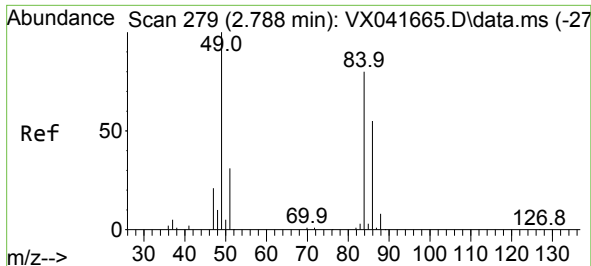
Tgt Ion: 76 Resp: 1182
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 0.411 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

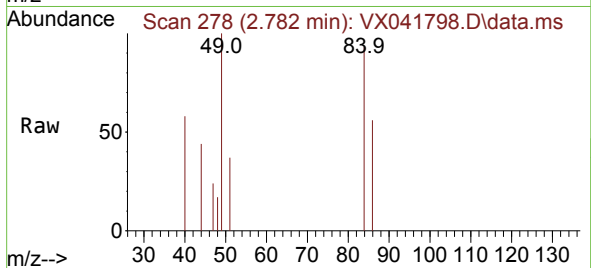
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 7.1 17.8 26.8#



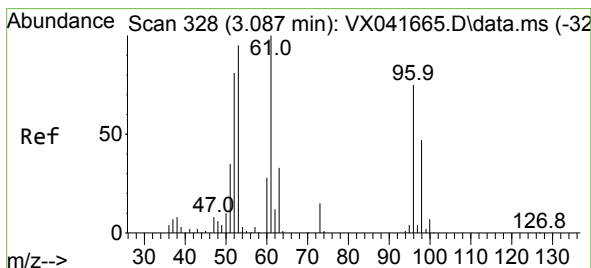
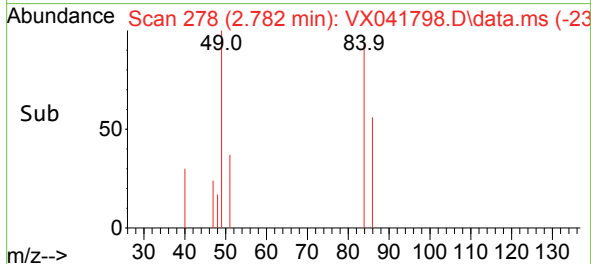
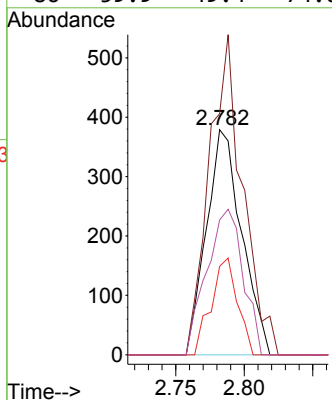


#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

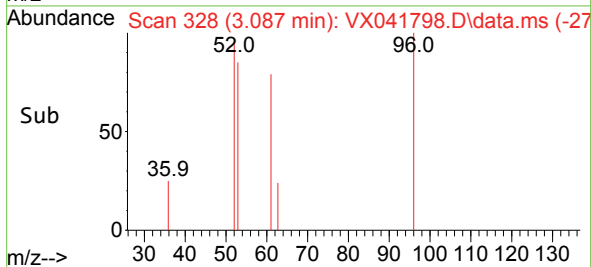
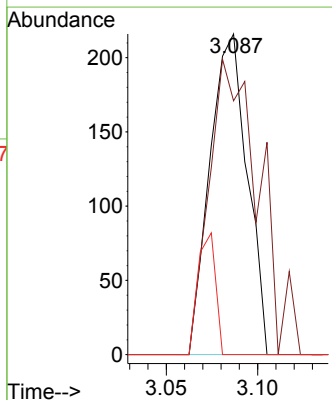
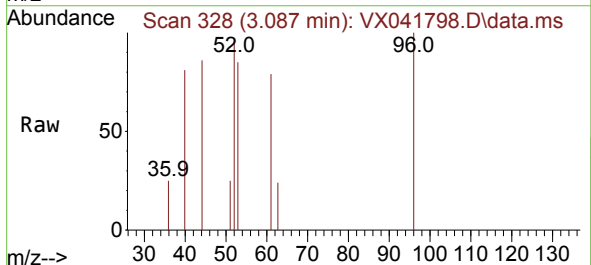


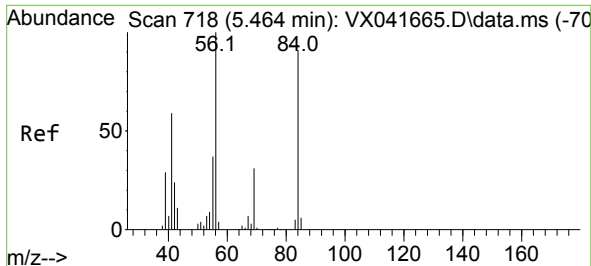
Tgt Ion: 84	Resp: 677
Ion Ratio	Lower Upper
84 100	
49 107.1	103.6 155.4
51 39.3	33.8 50.6
86 59.9	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

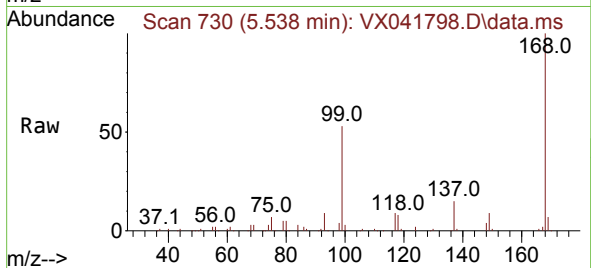
Tgt Ion: 96	Resp: 307		
Ion Ratio	Lower	Upper	
96 100			
61 79.2	119.2	178.8#	
98 0.0	48.7	73.1#	



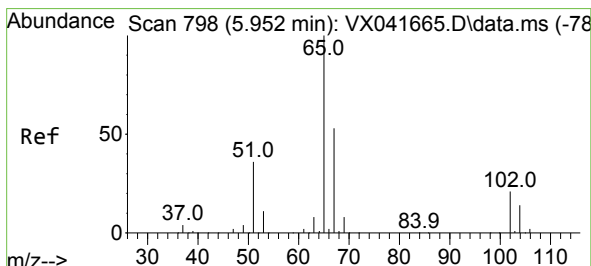
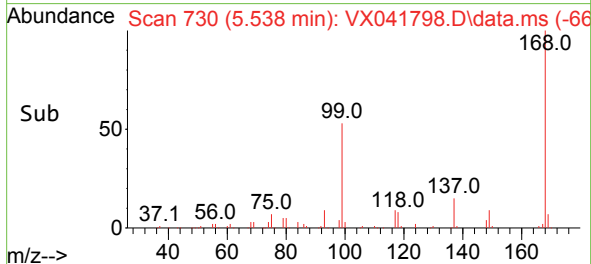
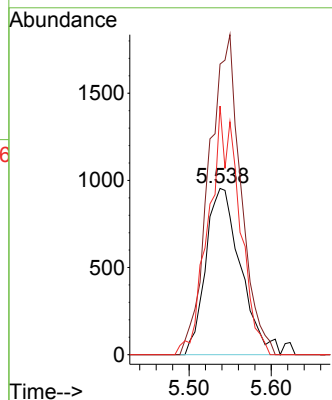


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

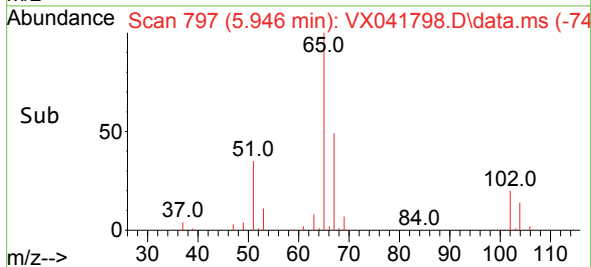
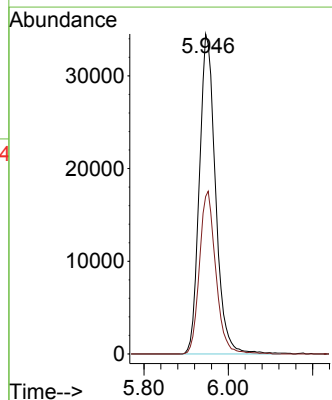
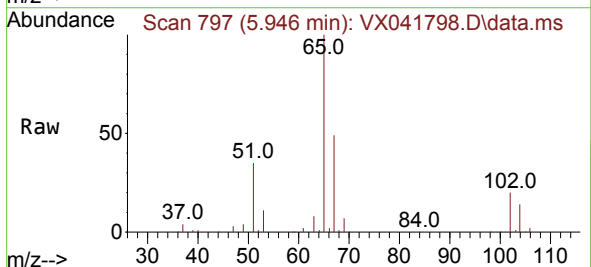


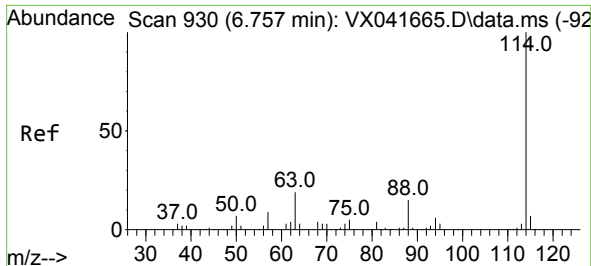
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 174.7 23.4 35.2#
84 149.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.371 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

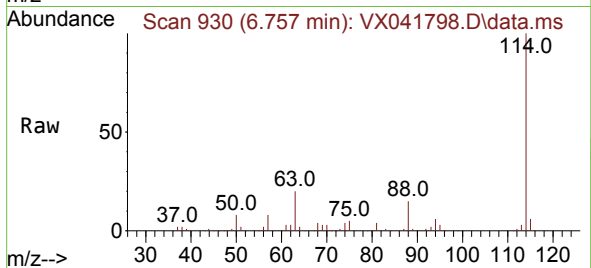
Tgt Ion: 65 Resp: 92123
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



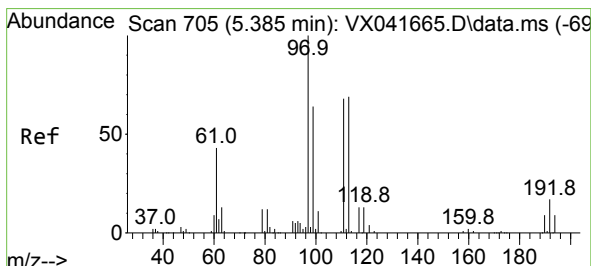
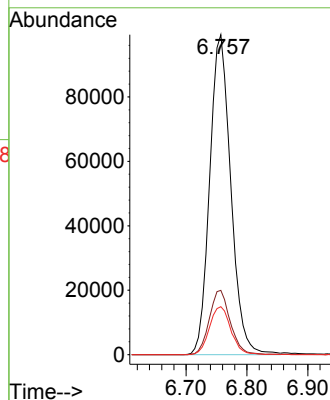
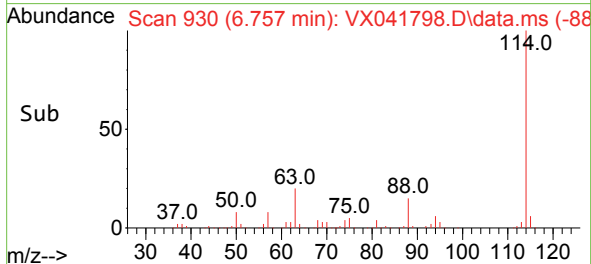


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

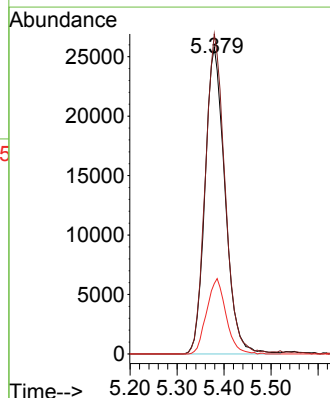
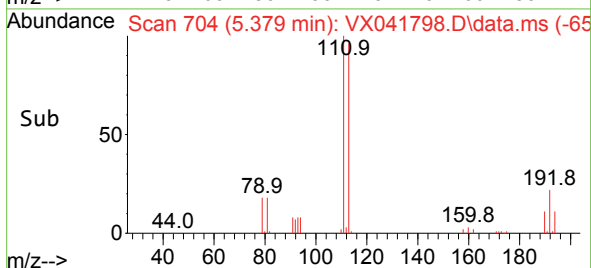
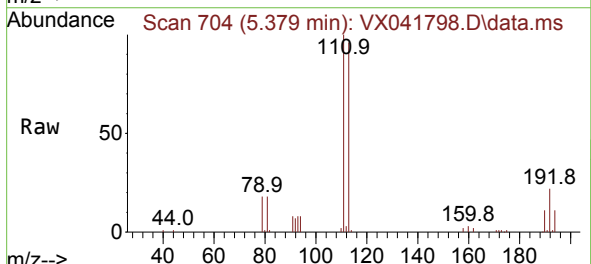


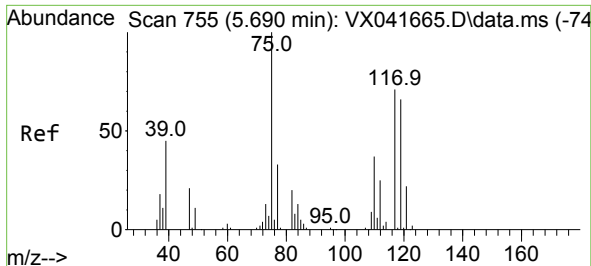
Tgt Ion:114 Resp: 239113
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.938 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

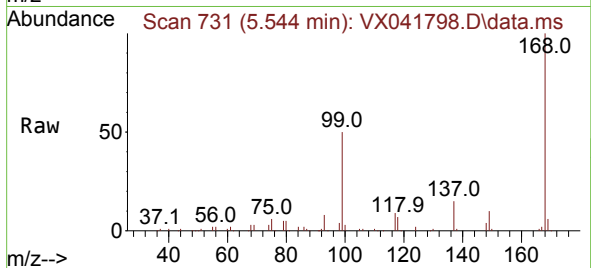
Tgt Ion:113 Resp: 75946
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 23.9 13.3 19.9#



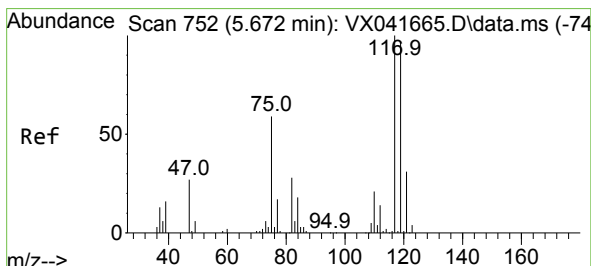
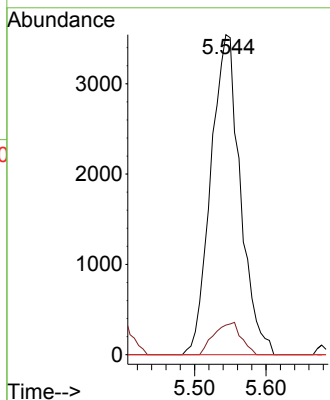
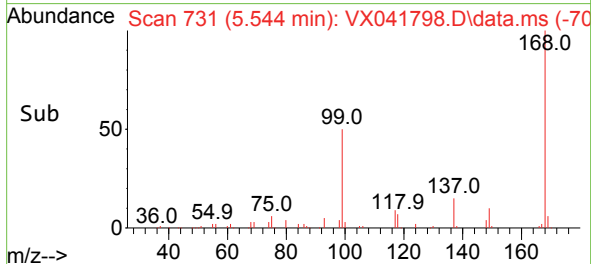


#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

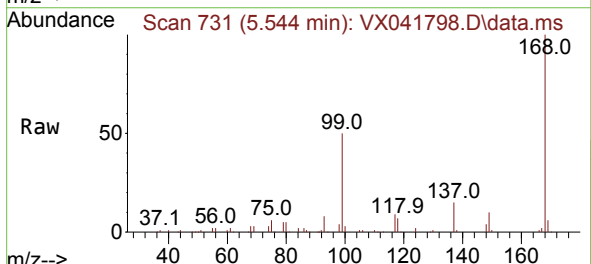
Instrument :
MSVOA_X
ClientSampleId :



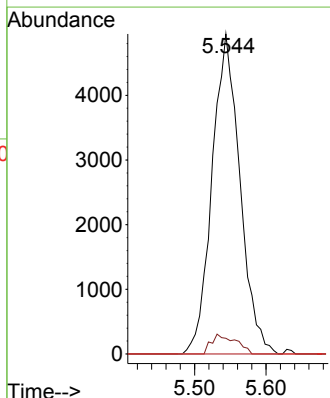
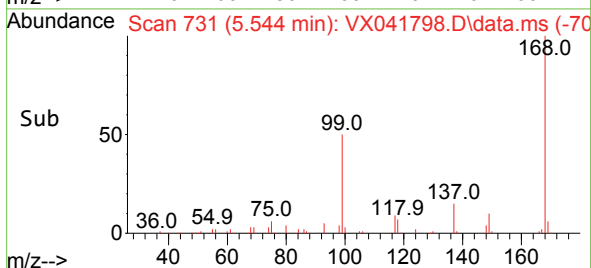
Tgt Ion: 75 Resp: 10137
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

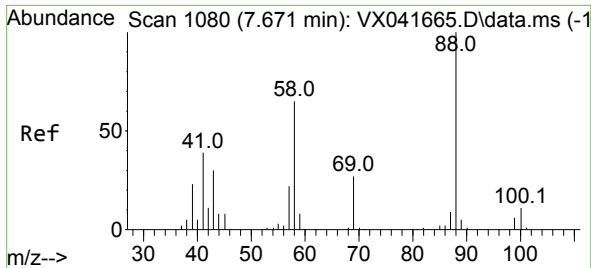


#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25



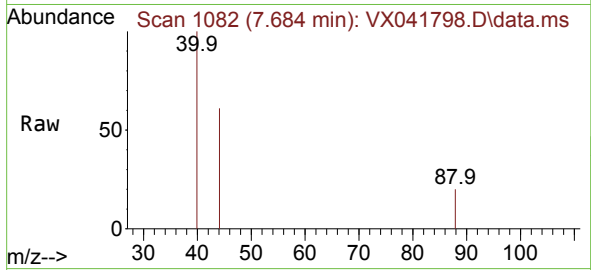
Tgt Ion: 117 Resp: 13408
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



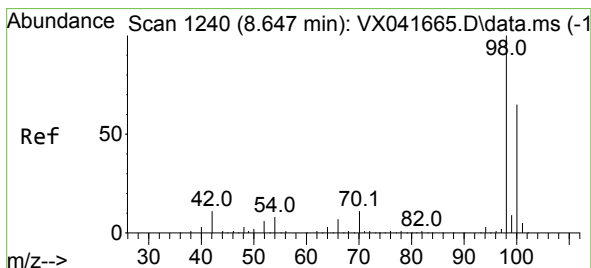
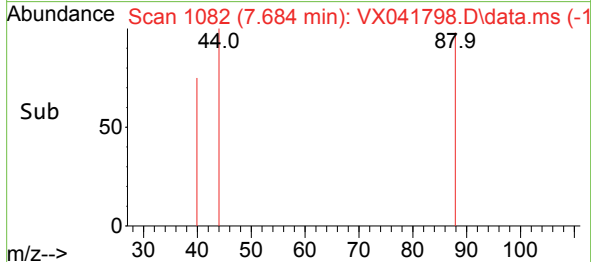
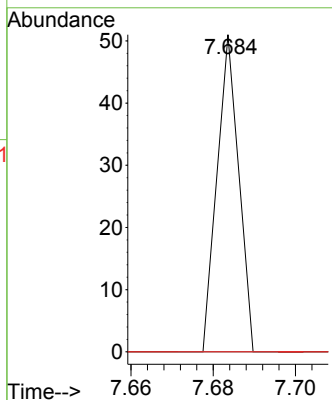


#49
1,4-Dioxane
Concen: 0.475 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

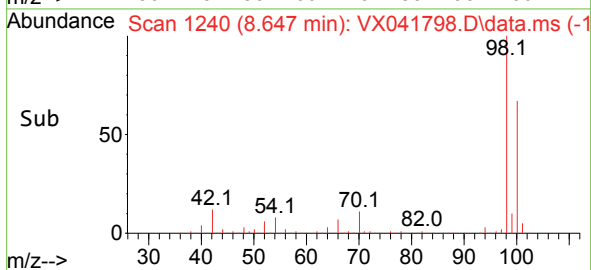
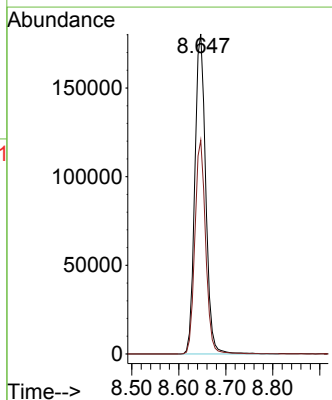
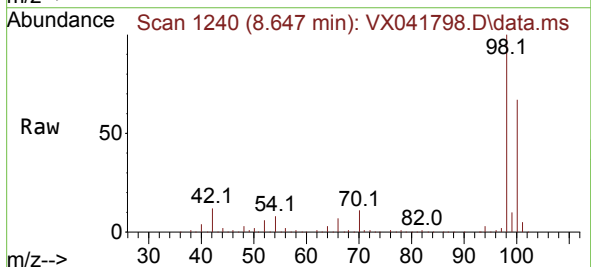


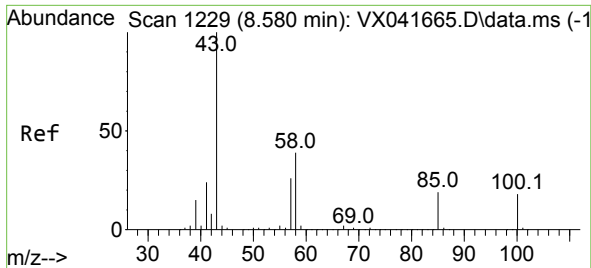
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 50.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

Tgt Ion: 98 Resp: 292012
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

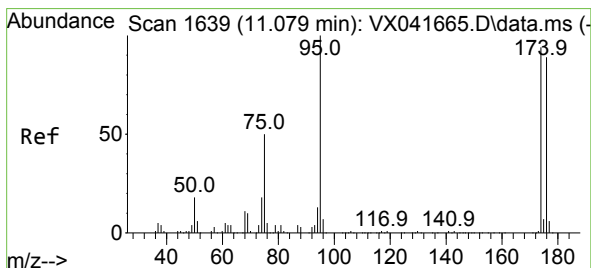
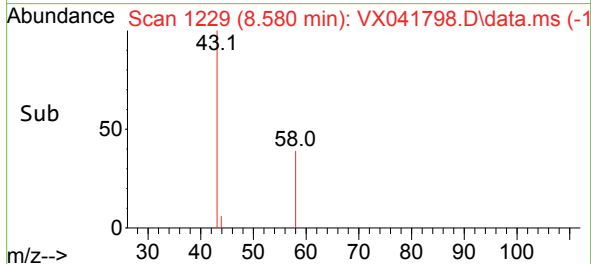
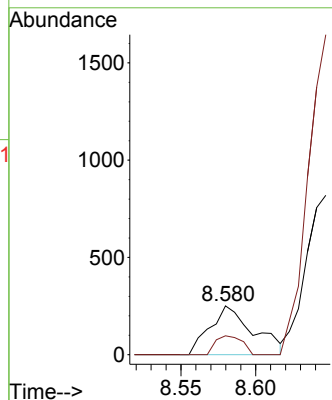
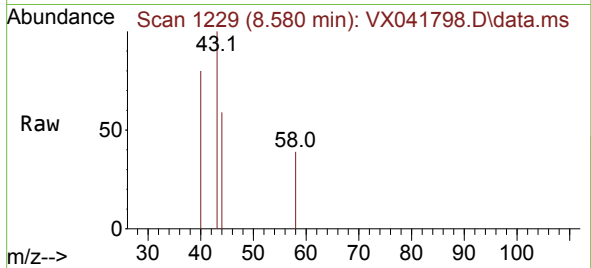




#51
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

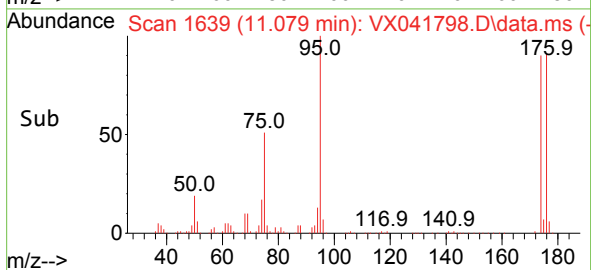
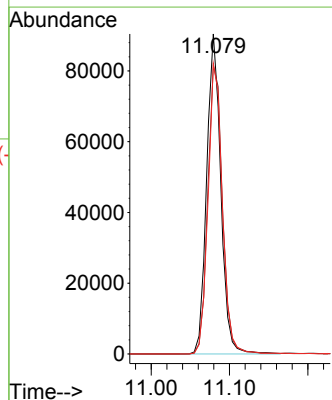
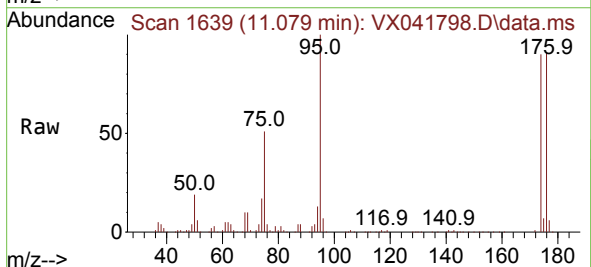
Instrument :
MSVOA_X
ClientSampleId :

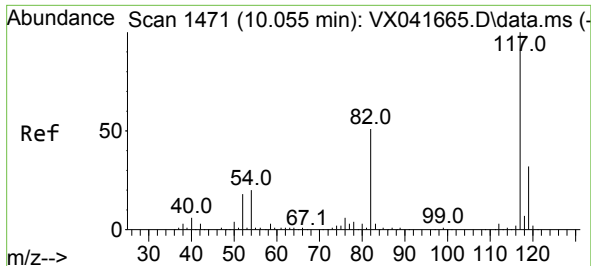
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 23.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

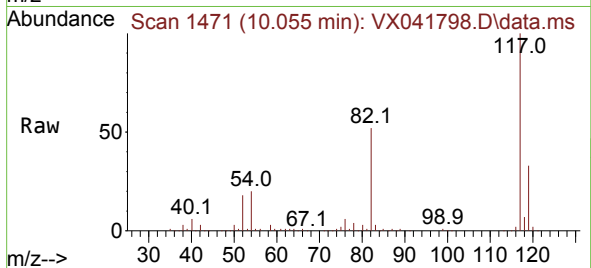
Tgt Ion: 95 Resp: 112736
Ion Ratio Lower Upper
95 100
174 94.3 0.0 135.6
176 91.9 0.0 131.0



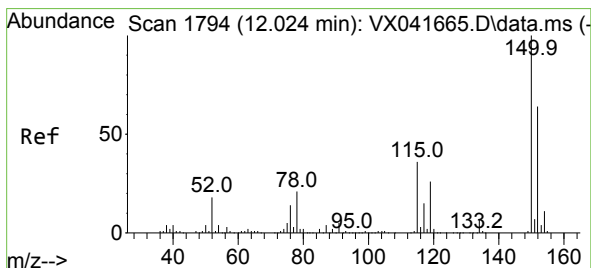
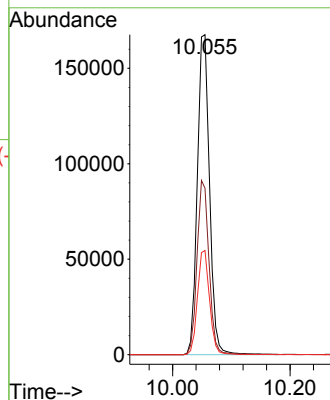
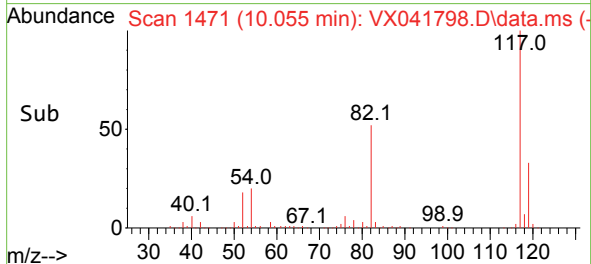


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25

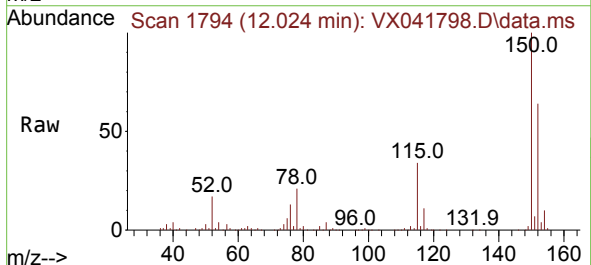
Instrument :
MSVOA_X
ClientSampleId :



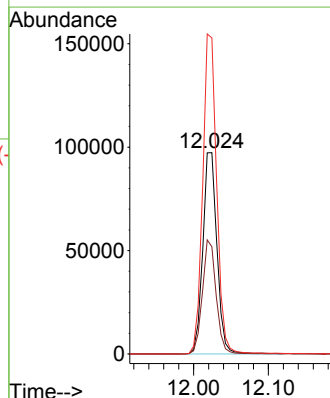
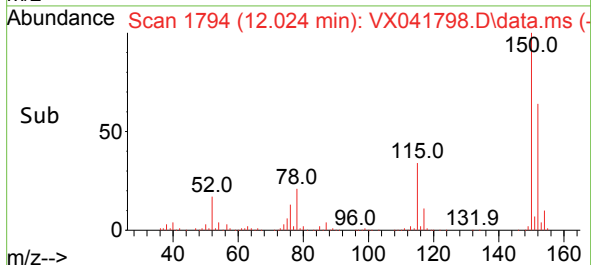
Tgt Ion:117 Resp: 242255
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 32.6 25.5 38.3

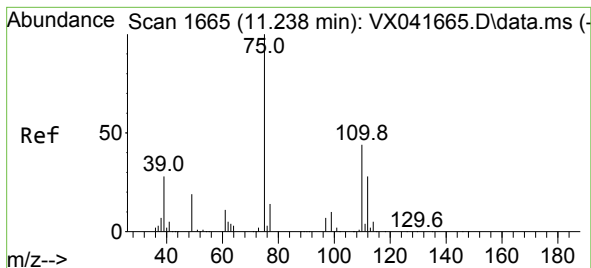


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041798.D
Acq: 10 Jun 2024 10:25



Tgt Ion:152 Resp: 128045
Ion Ratio Lower Upper
152 100
115 54.9 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.440 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041798.D

Acq: 10 Jun 2024 10:25

Instrument :

MSVOA_X

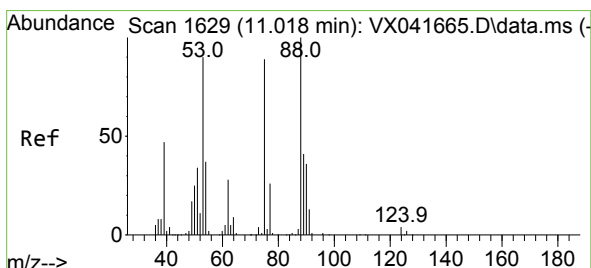
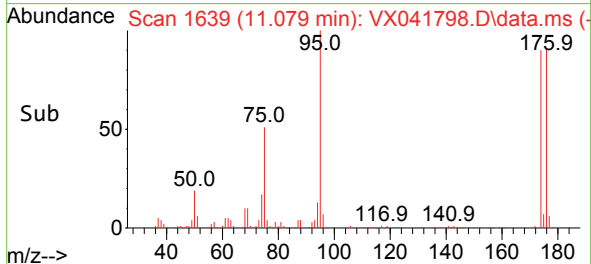
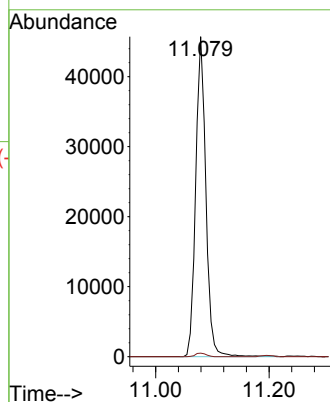
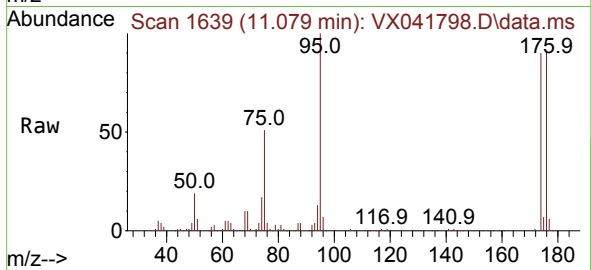
ClientSampleId :

Tgt Ion: 75 Resp: 56837

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.338 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041798.D

Acq: 10 Jun 2024 10:25

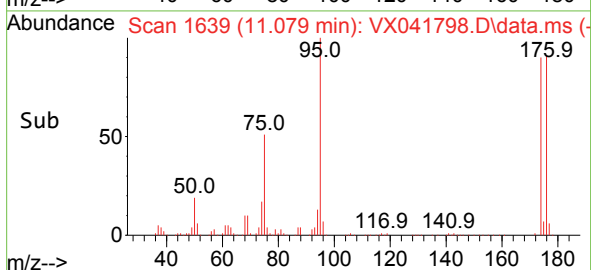
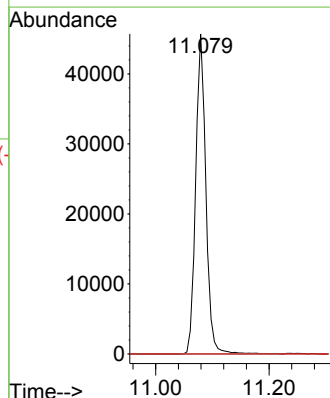
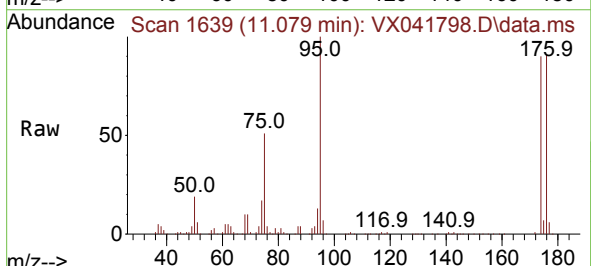
Tgt Ion: 75 Resp: 56837

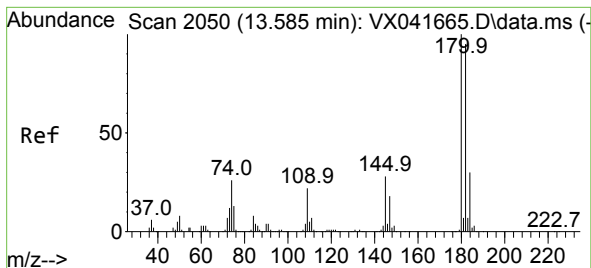
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.262 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041798.D

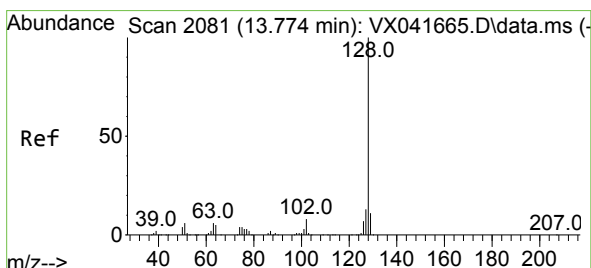
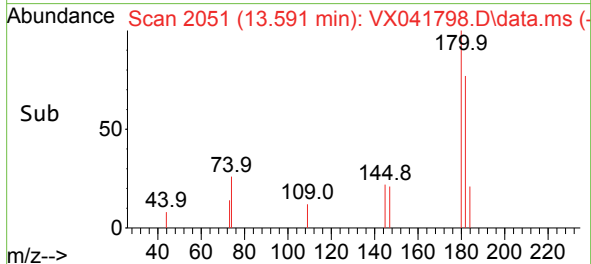
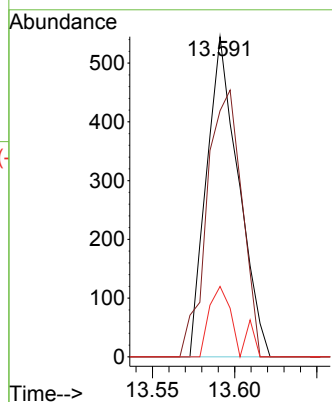
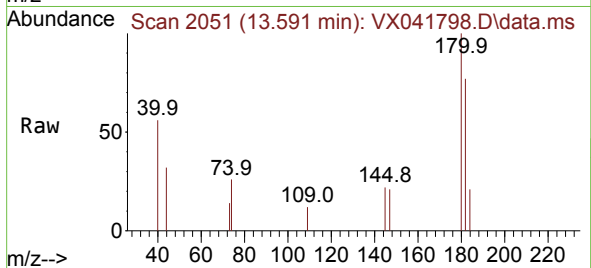
Acq: 10 Jun 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	736
Ion Ratio	Lower	Upper
180	100	
182	90.9	48.3 144.8
145	17.7	18.0 54.0#



#95

Naphthalene

Concen: 0.407 ug/l

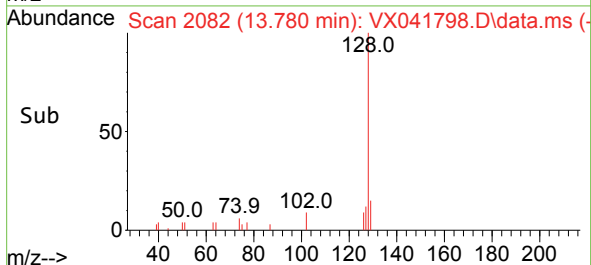
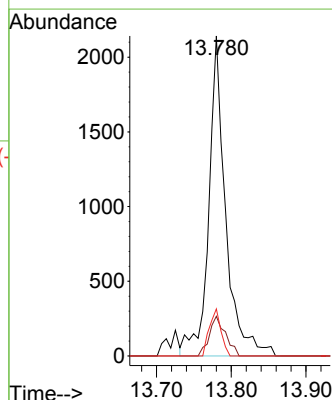
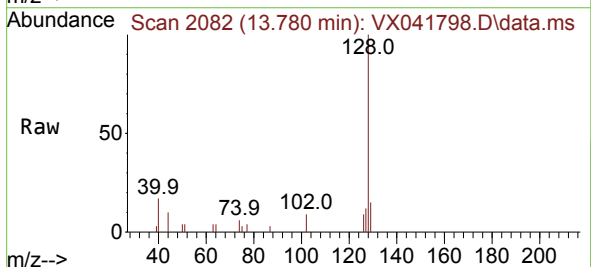
RT: 13.780 min Scan# 2082

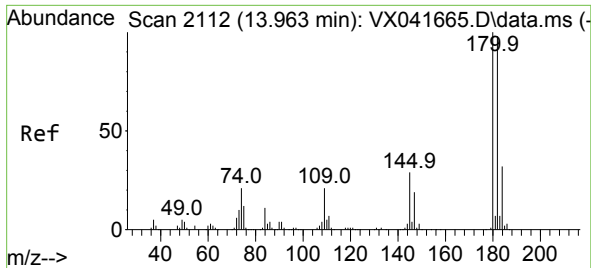
Delta R.T. 0.006 min

Lab File: VX041798.D

Acq: 10 Jun 2024 10:25

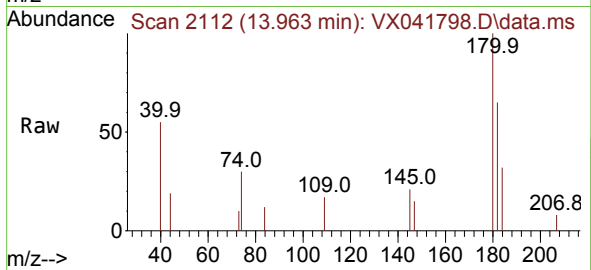
Tgt Ion:128	Resp:	3377
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.3 15.5
129	10.1	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.280 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX041798.D
 Acq: 10 Jun 2024 10:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	809
Ion	Ratio	Lower	Upper
180	100		
182	99.1	46.9	140.6
145	25.2	17.8	53.5

