

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041708.D
 Acq On : 03 Jun 2024 16:41
 Operator : JC/MD
 Sample : P2660-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:50:41 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)

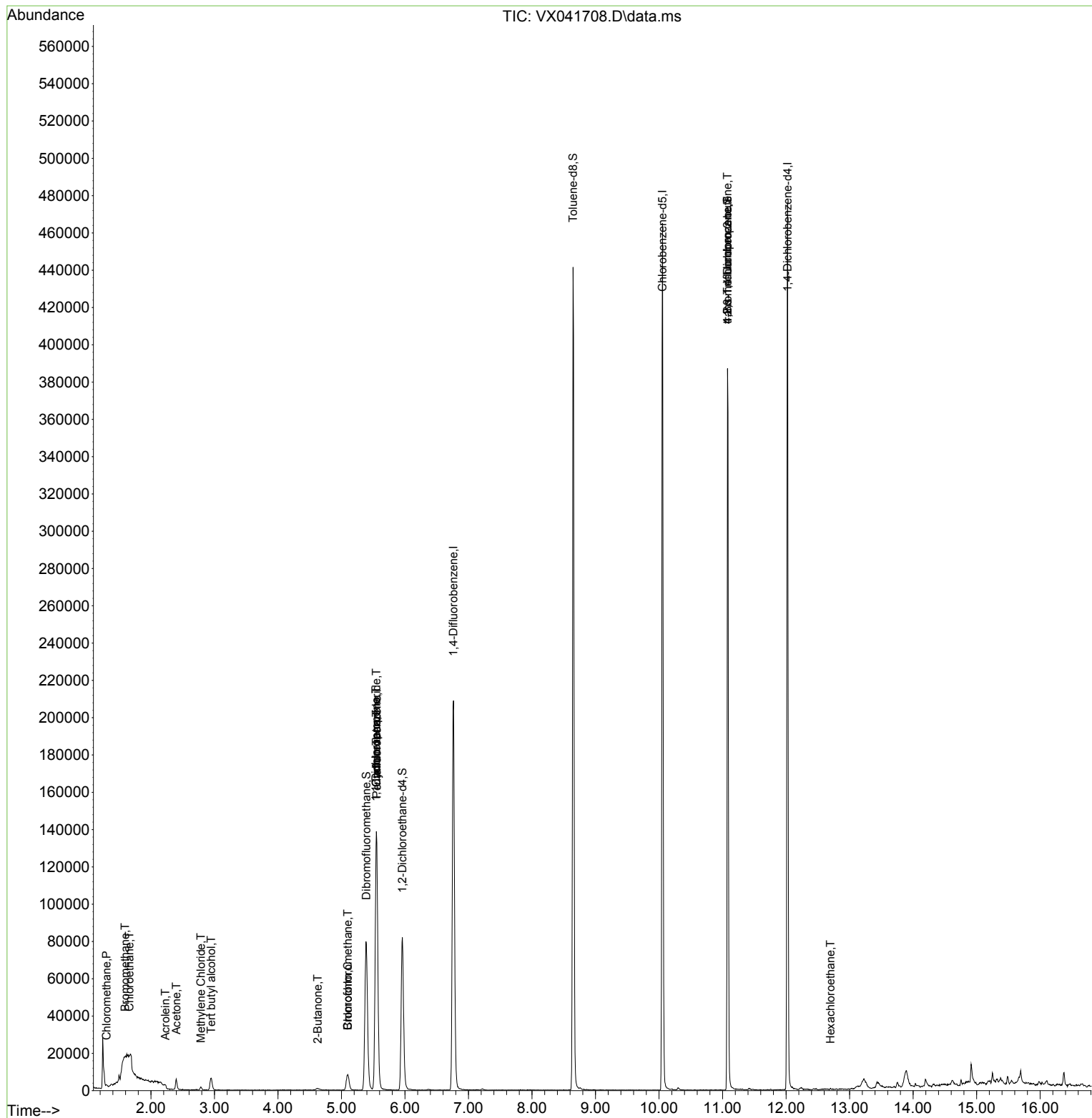
Internal Standards						
1) Pentafluorobenzene	5.556	168	145986	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81021	45.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.391	113	69378	45.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	8.646	98	261850	48.844	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	97408	49.231	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	300	0.214	ug/l	# 43
5) Bromomethane	1.593	94	242	0.241	ug/l	# 8
6) Chloroethane	1.660	64	331	0.380	ug/l	# 62
11) Tert butyl alcohol	2.946	59	4172	13.172	ug/l	# 80
13) Acrolein	2.227	56	180	0.610	ug/l	# 1
16) Acetone	2.398	43	6728	5.869	ug/l	97
20) Methylene Chloride	2.788	84	871	0.544	ug/l	# 84
25) 2-Butanone	4.623	43	338	0.304	ug/l	# 51
28) Bromochloromethane	5.098	49	771	0.724	ug/l	# 16
30) Chloroform	5.098	83	11192	4.309	ug/l	97
31) Cyclohexane	5.549	56	2603	1.231	ug/l	# 10
36) 1,1-Dichloropropene	5.543	75	9283	4.997	ug/l	# 52
38) Carbon Tetrachloride	5.549	117	13165	6.237	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	49159	26.391	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49159	71.930	ug/l	# 5
90) Hexachloroethane	12.701	117	448	0.440	ug/l	# 17

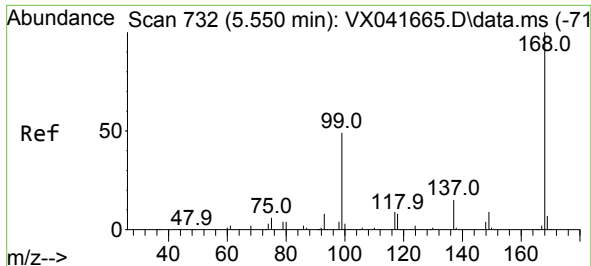
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041708.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 00:50:41 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

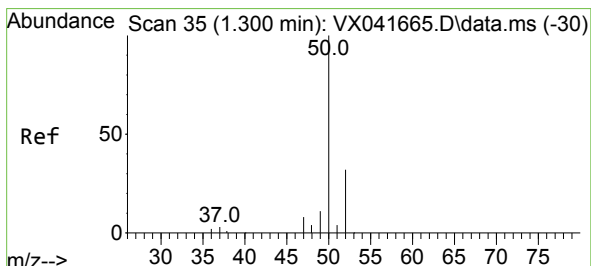
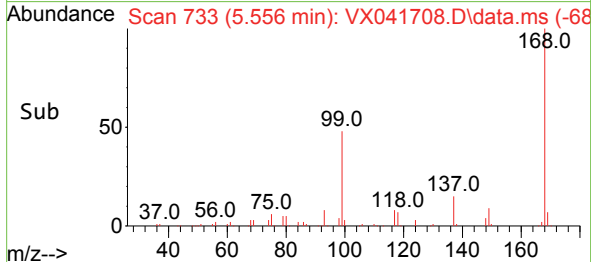
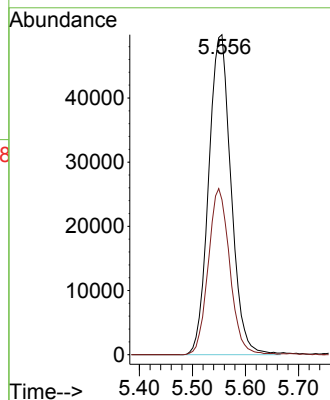
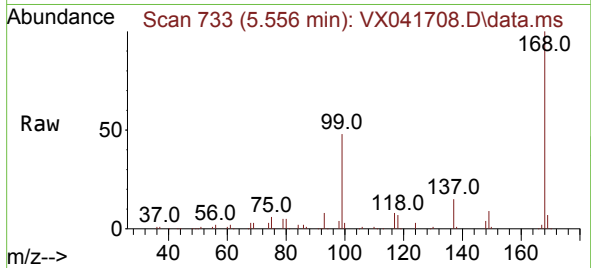




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

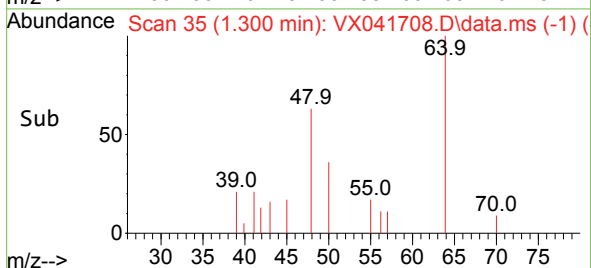
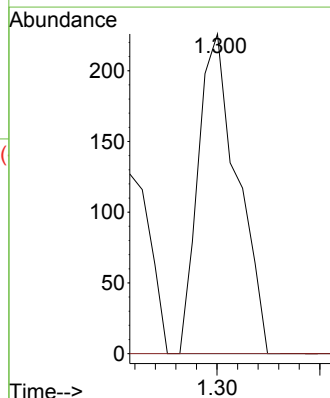
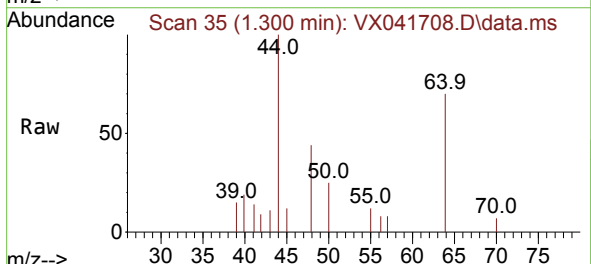
Instrument :
MSVOA_X
ClientSampleId :

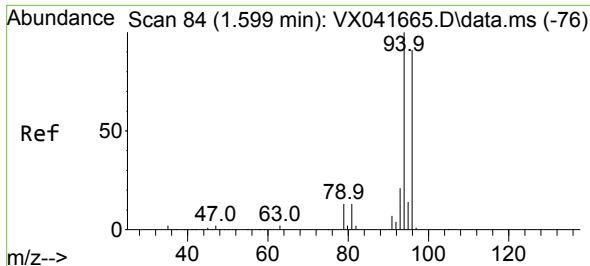
Tgt Ion:168 Resp: 145986
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

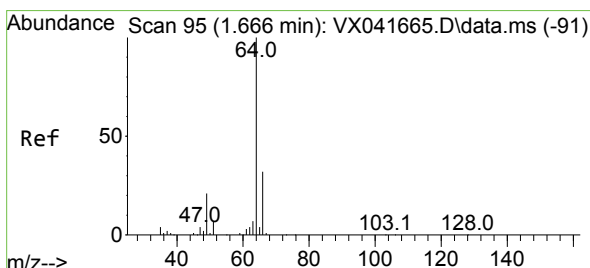
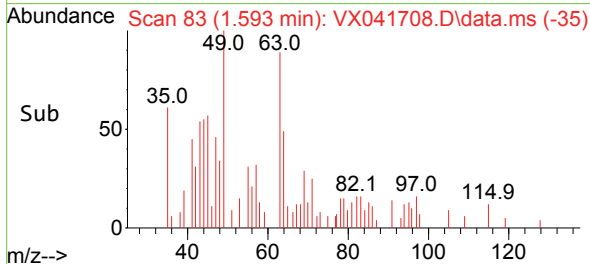
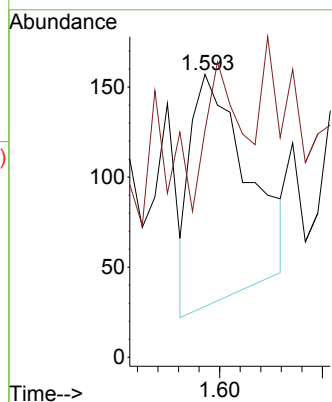
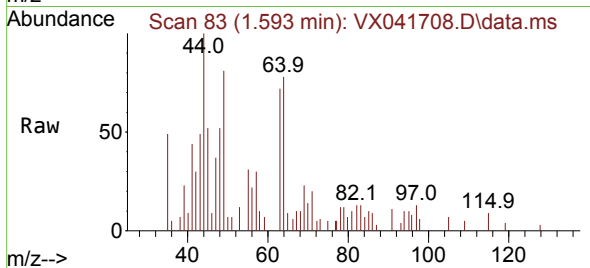




#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

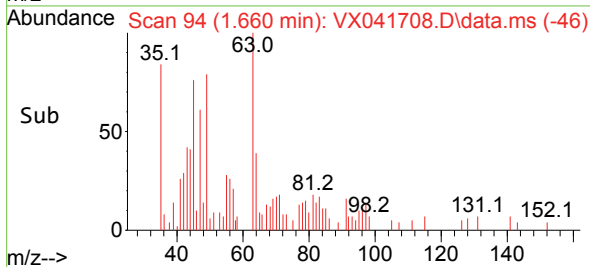
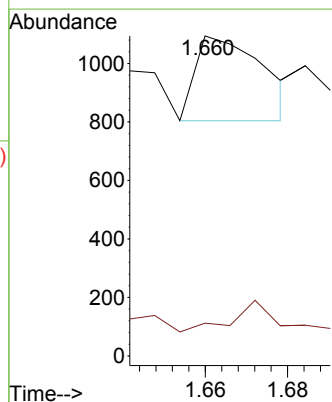
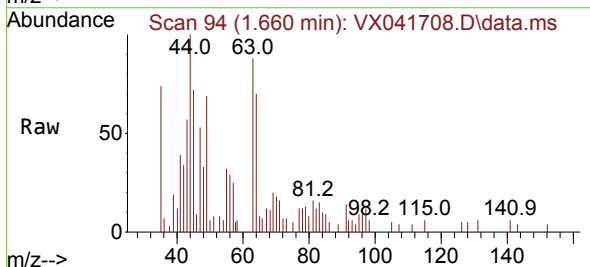
Instrument :
MSVOA_X
ClientSampleId :

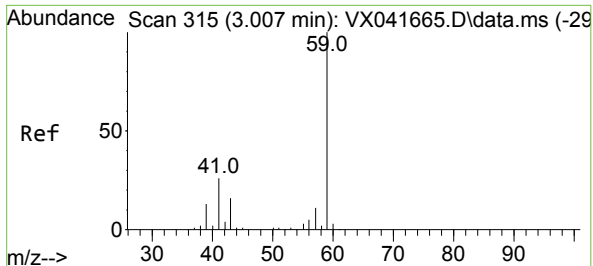
Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 4.4 74.6 111.8#



#6
Chloroethane
Concen: 0.380 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

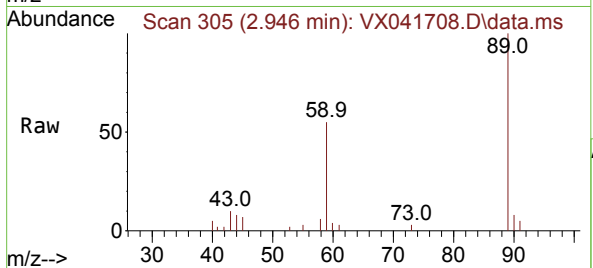
Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 10.3 25.1 37.7#



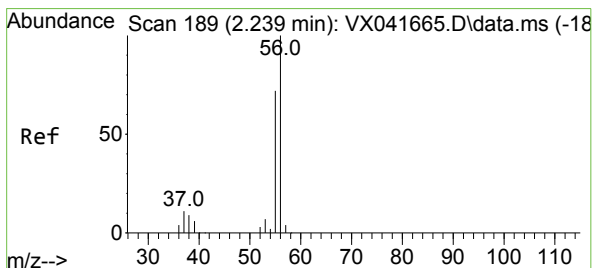
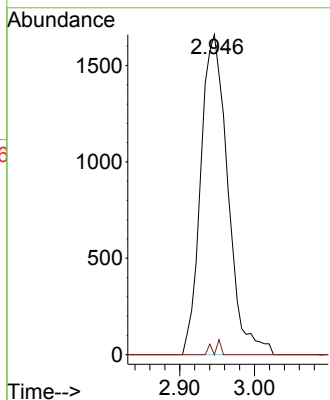
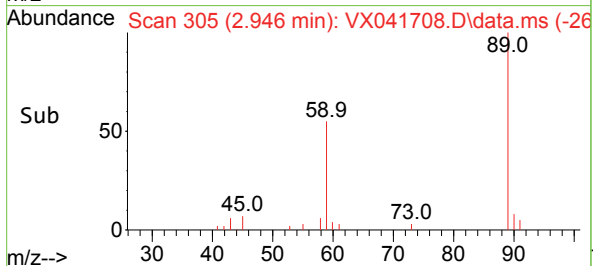


#11
Tert butyl alcohol
Concen: 13.172 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

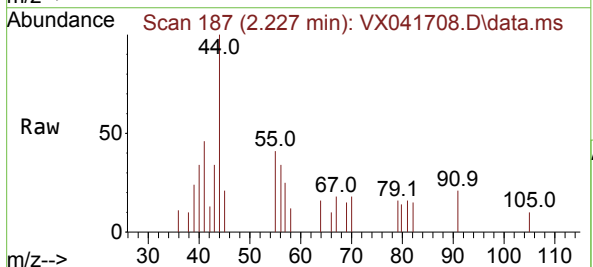
Instrument :
MSVOA_X
ClientSampleId :



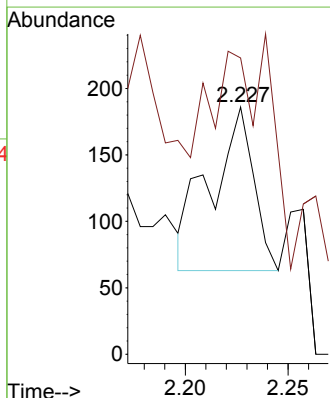
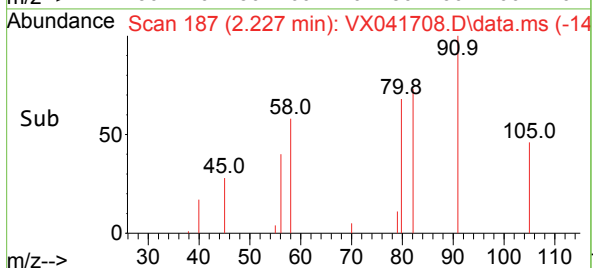
Tgt Ion: 59 Resp: 4172
Ion Ratio Lower Upper
59 100
57 0.5 6.0 9.0#

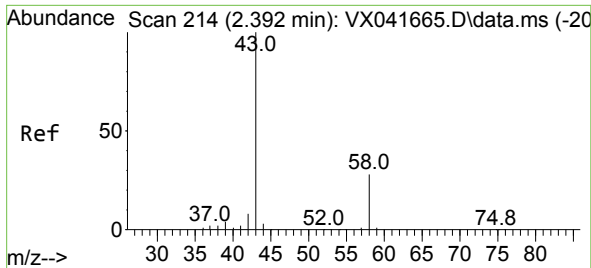


#13
Acrolein
Concen: 0.610 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41



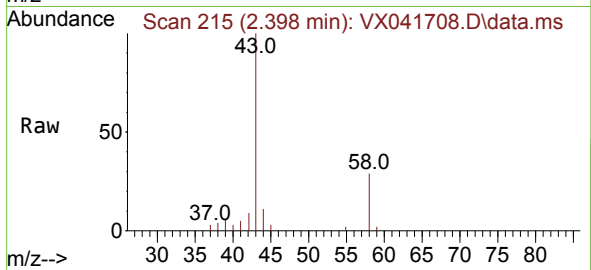
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 191.7 57.1 85.7#



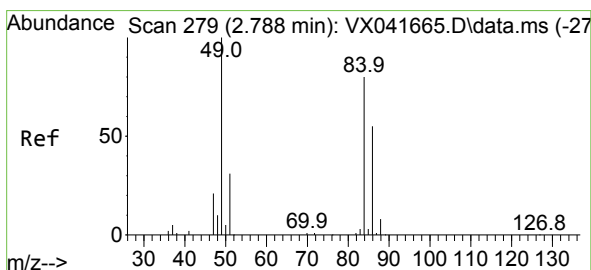
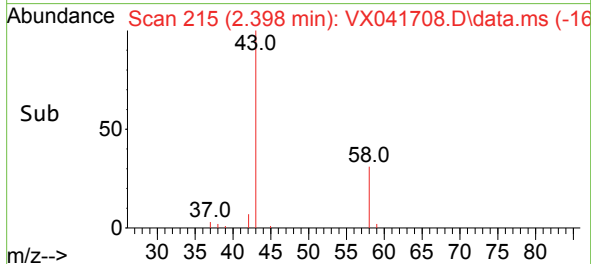
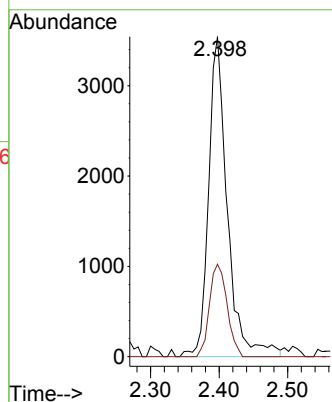


#16
Acetone
Concen: 5.869 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

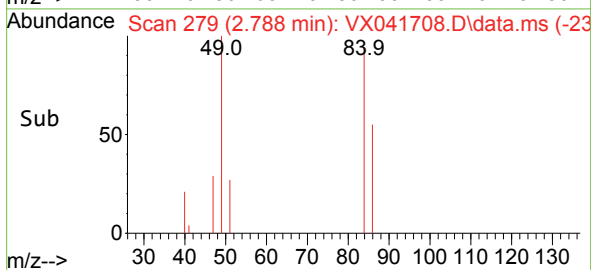
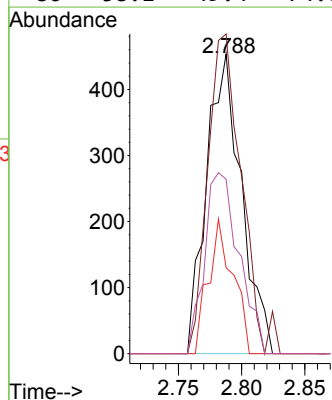
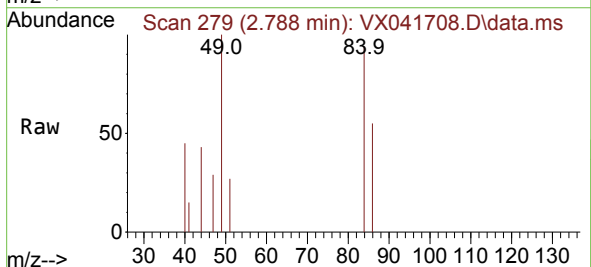


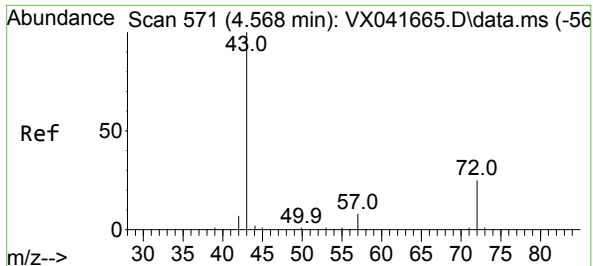
Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 84 Resp: 871
Ion Ratio Lower Upper
84 100
49 106.6 103.6 155.4
51 28.6 33.8 50.6#
86 58.1 49.4 74.0

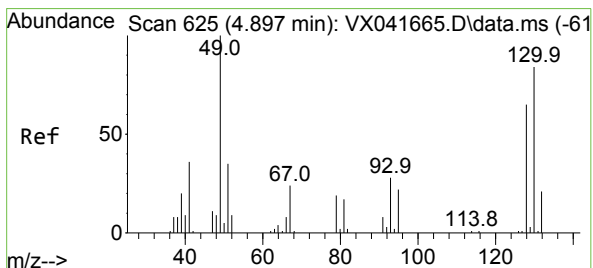
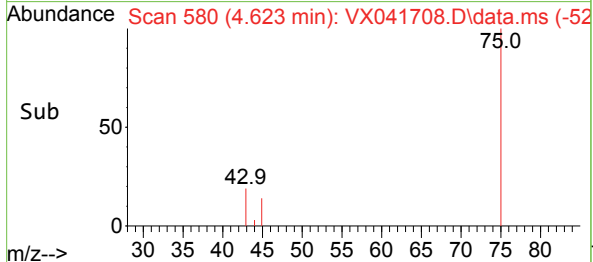
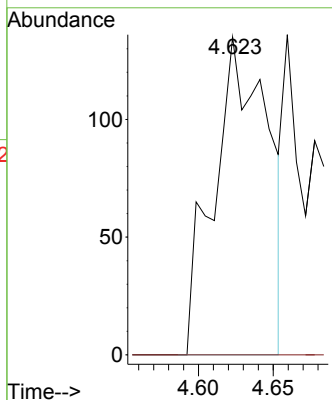
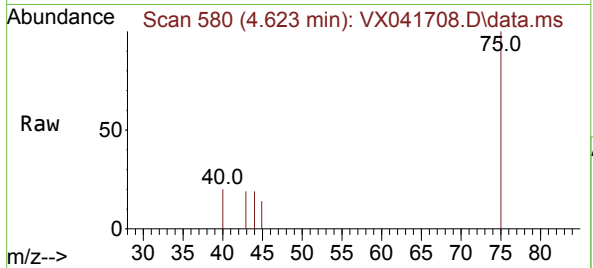




#25
2-Butanone
Concen: 0.304 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

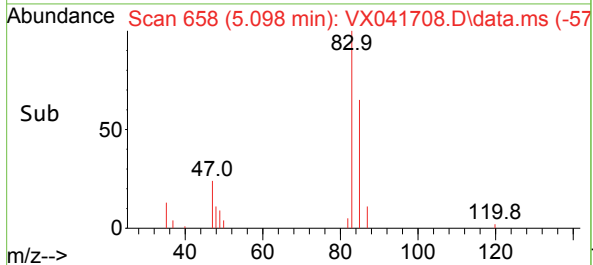
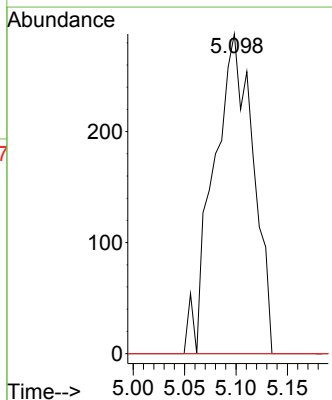
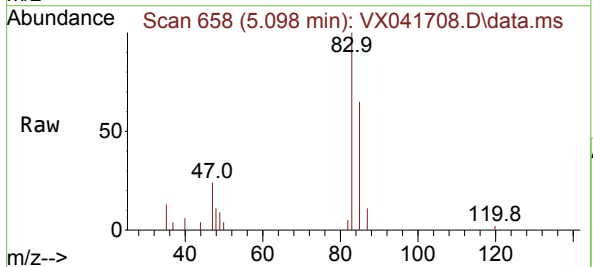
Instrument :
MSVOA_X
ClientSampleId :

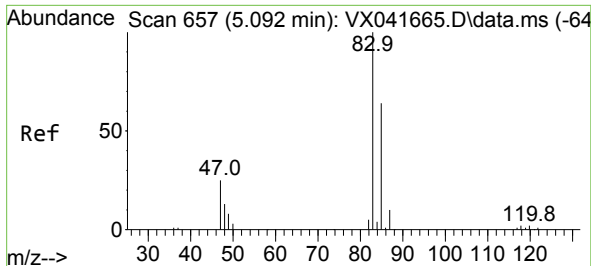
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#28
Bromochloromethane
Concen: 0.724 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.201 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 49 Resp: 771
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#

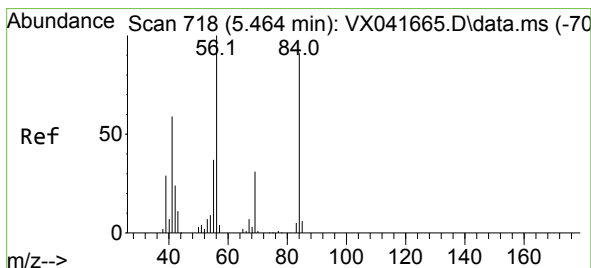
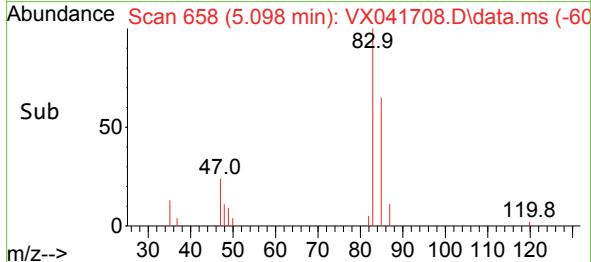
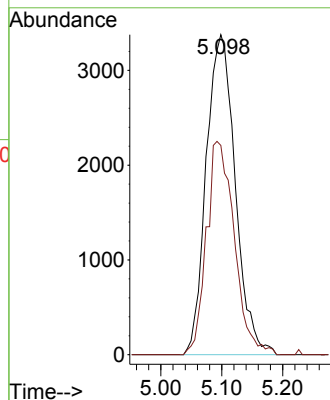
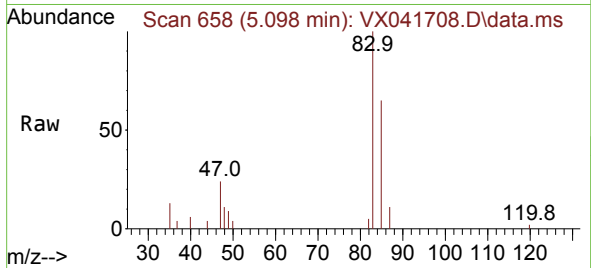




#30
Chloroform
Concen: 4.309 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

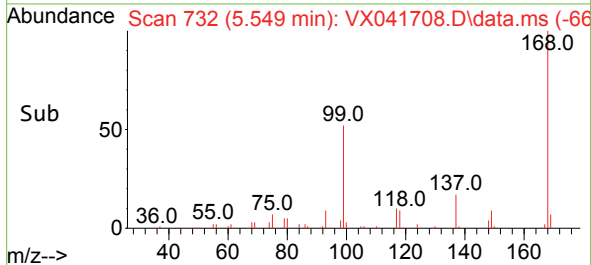
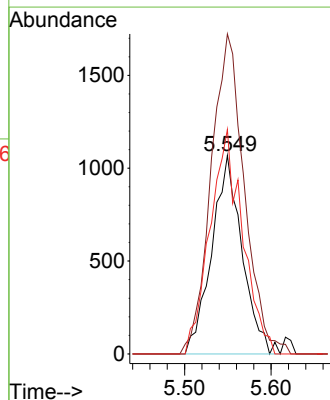
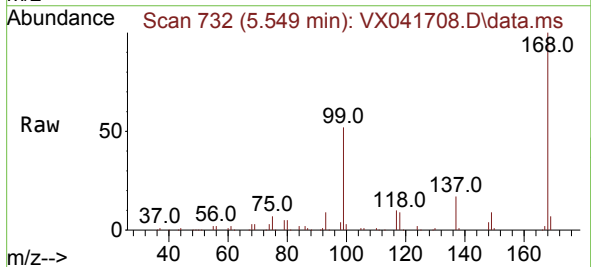
Instrument :
MSVOA_X
ClientSampleId :

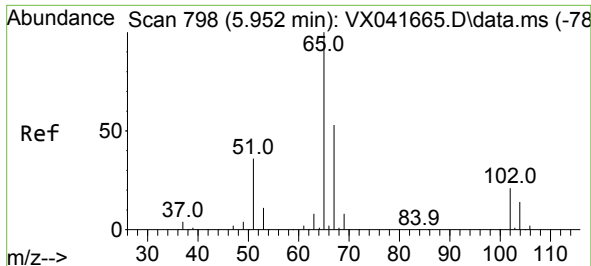
Tgt Ion: 83 Resp: 11192
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 56 Resp: 2603
Ion Ratio Lower Upper
56 100
69 161.2 23.4 35.2#
84 113.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.251 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041708.D

Acq: 03 Jun 2024 16:41

Instrument :

MSVOA_X

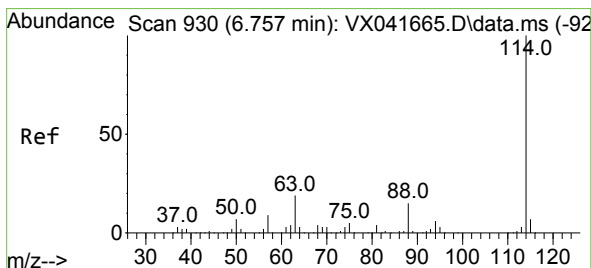
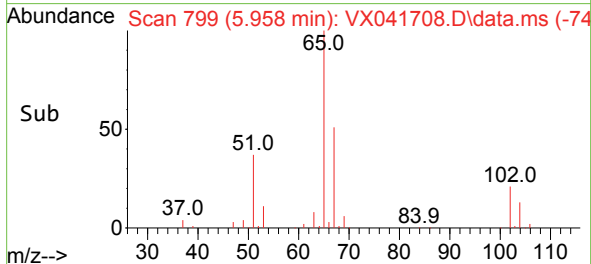
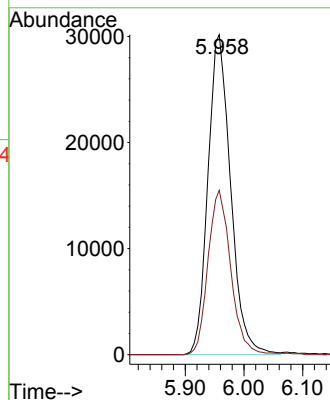
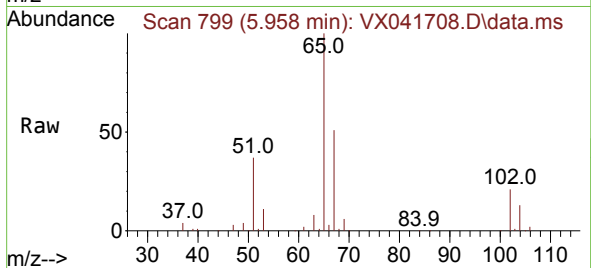
ClientSampleId :

Tgt Ion: 65 Resp: 81021

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041708.D

Acq: 03 Jun 2024 16:41

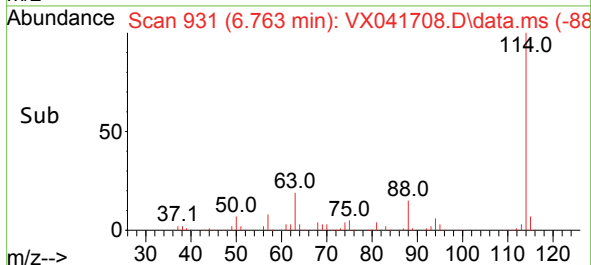
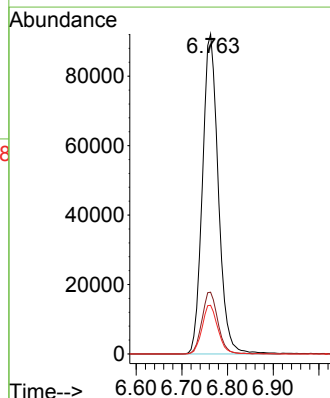
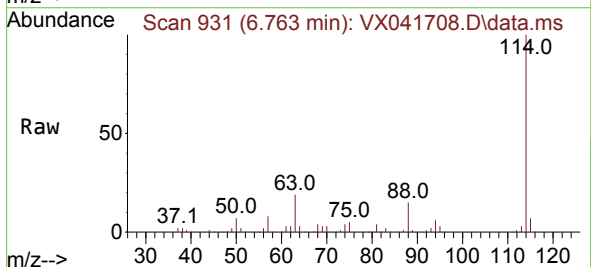
Tgt Ion: 114 Resp: 221909

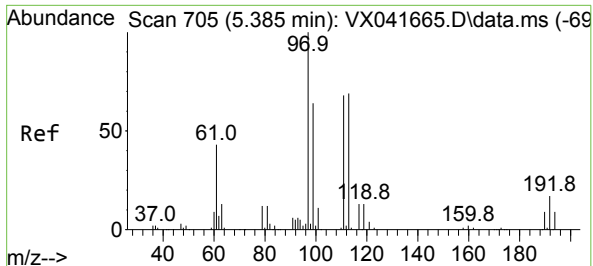
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

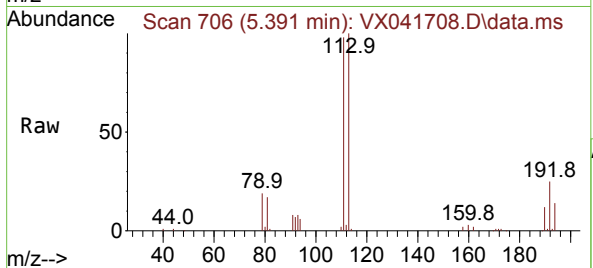
88 15.2 0.0 36.6



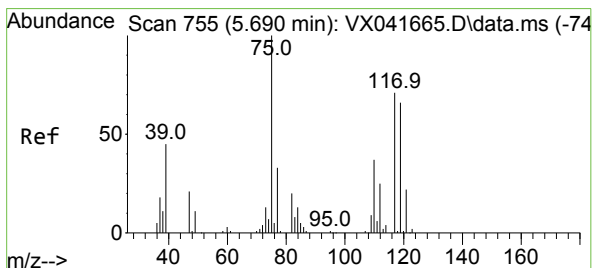
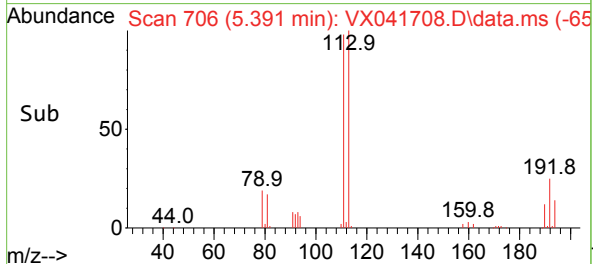
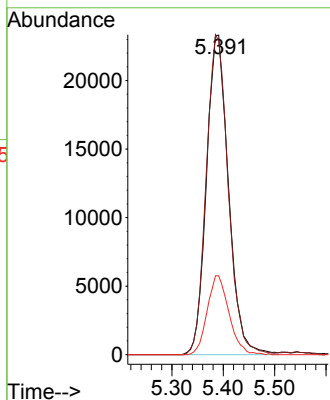


#35
Dibromofluoromethane
Concen: 45.219 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

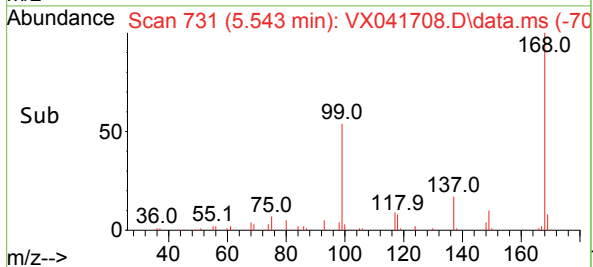
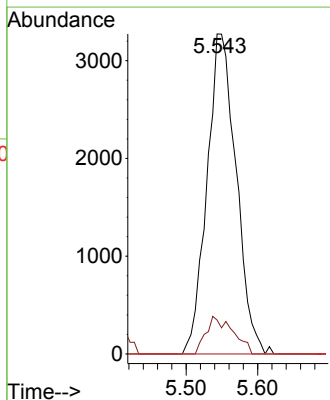
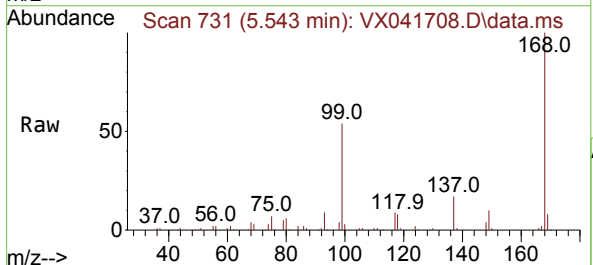


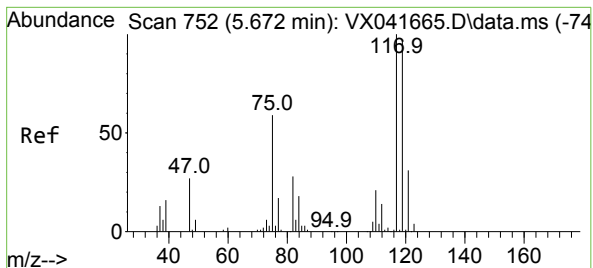
Tgt Ion:113 Resp: 69378
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 24.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 75 Resp: 9283
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.237 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.122 min

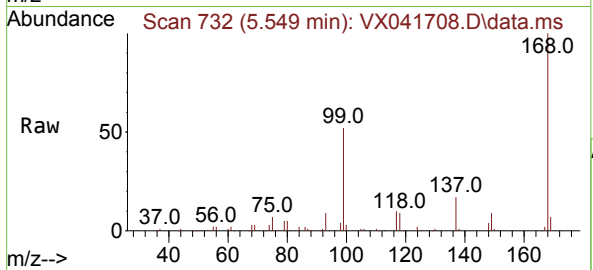
Lab File: VX041708.D

Acq: 03 Jun 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :



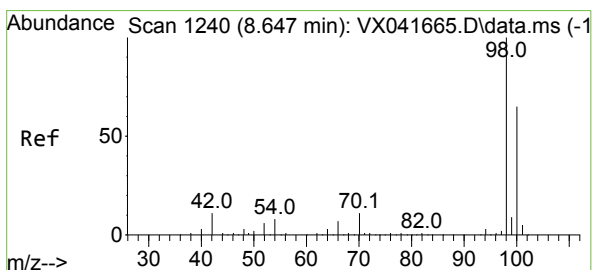
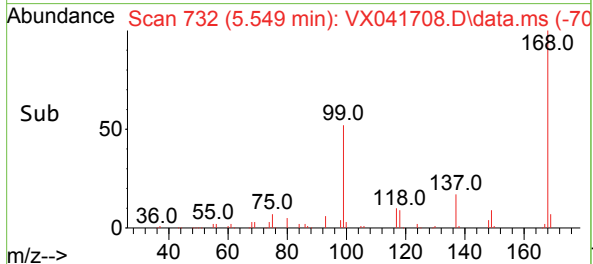
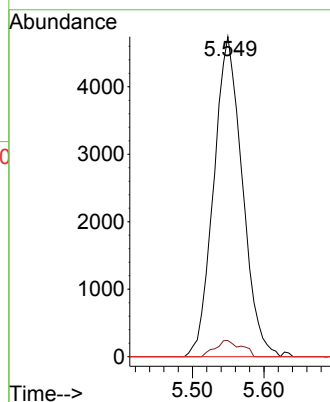
Tgt Ion:117 Resp: 13165

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.844 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041708.D

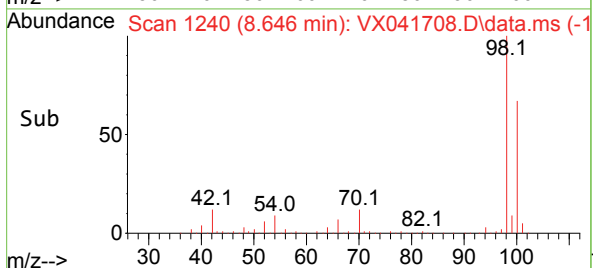
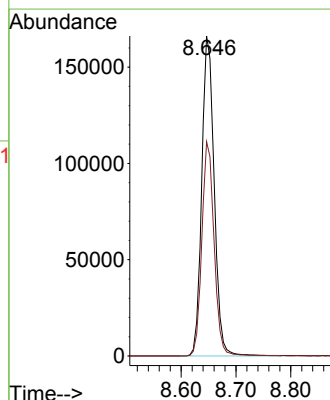
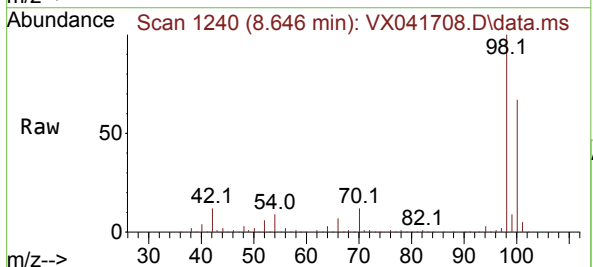
Acq: 03 Jun 2024 16:41

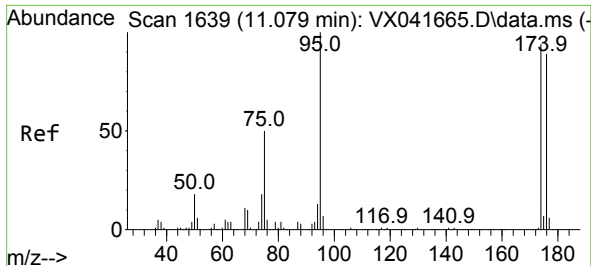
Tgt Ion: 98 Resp: 261850

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

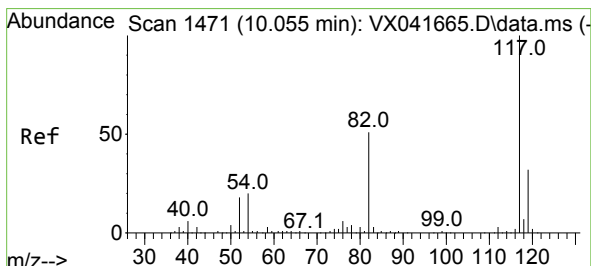
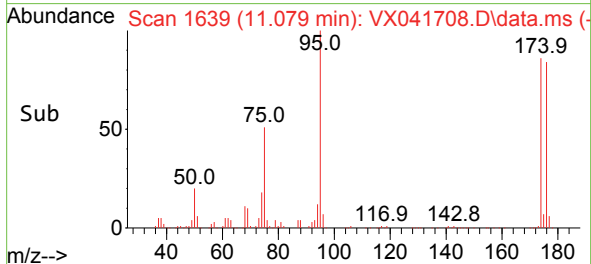
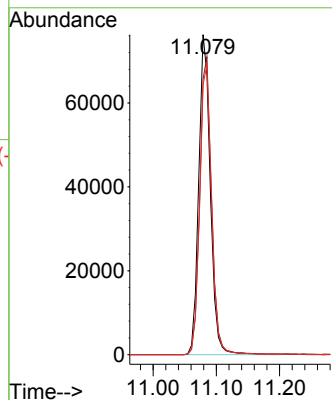
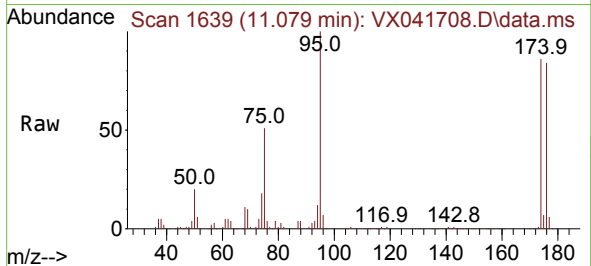




#62
4-Bromofluorobenzene
Concen: 49.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

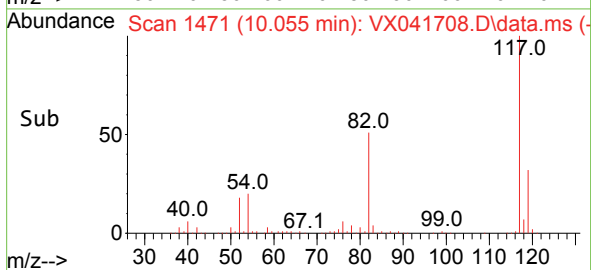
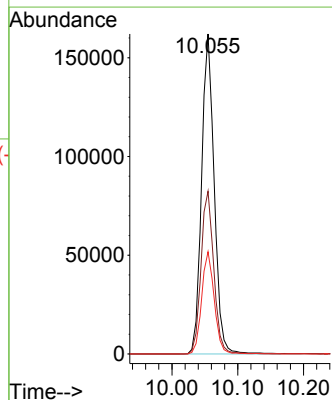
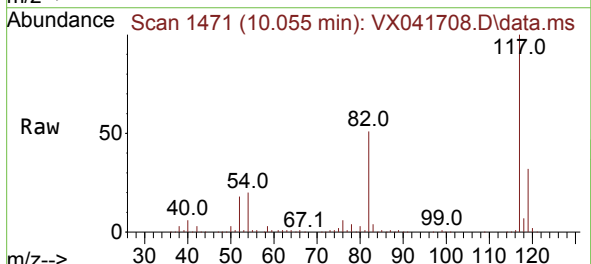
Instrument :
MSVOA_X
ClientSampleId :

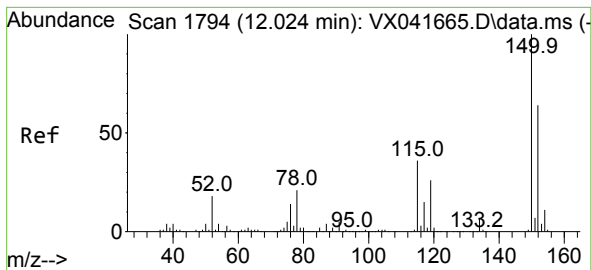
Tgt Ion: 95 Resp: 97408
Ion Ratio Lower Upper
95 100
174 94.8 0.0 135.6
176 93.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041708.D
Acq: 03 Jun 2024 16:41

Tgt Ion: 117 Resp: 216201
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 31.9 25.5 38.3

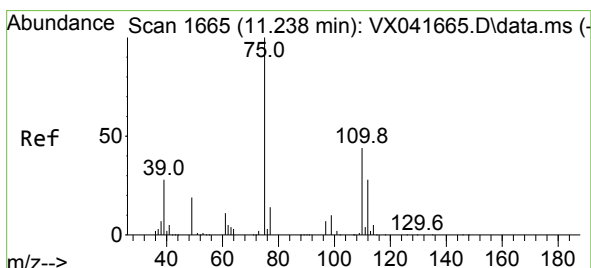
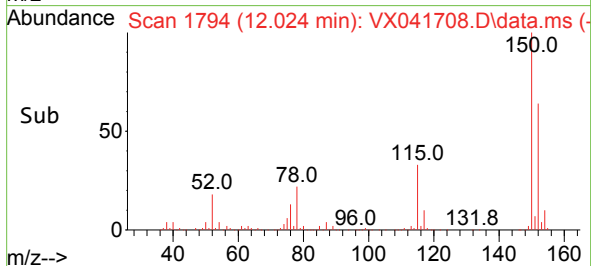
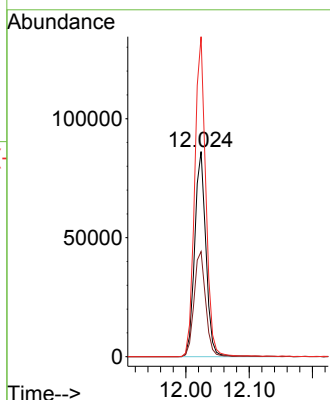
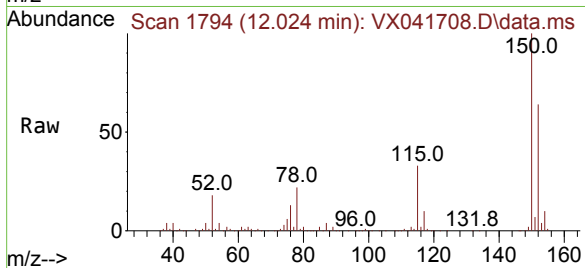




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041708.D
 Acq: 03 Jun 2024 16:41

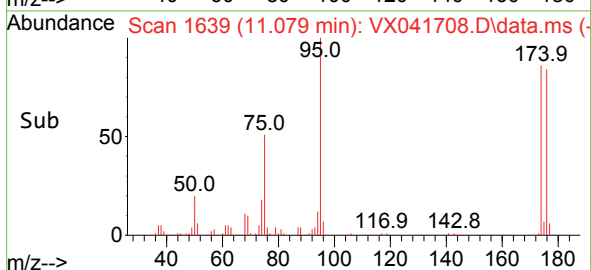
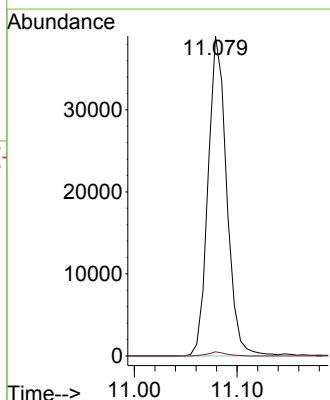
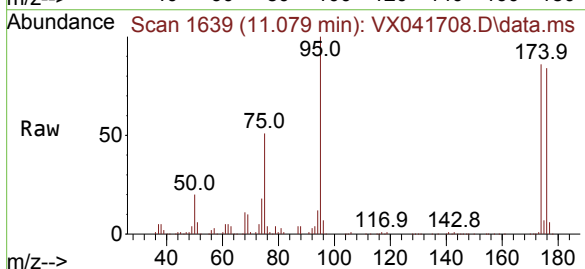
Instrument :
 MSVOA_X
 ClientSampleId :

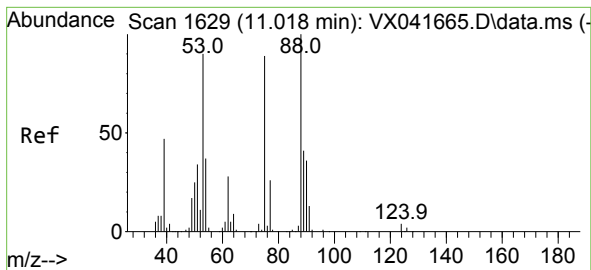
Tgt Ion:152 Resp: 106757
 Ion Ratio Lower Upper
 152 100
 115 52.9 43.3 129.9
 150 155.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.391 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041708.D
 Acq: 03 Jun 2024 16:41

Tgt Ion: 75 Resp: 49159
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

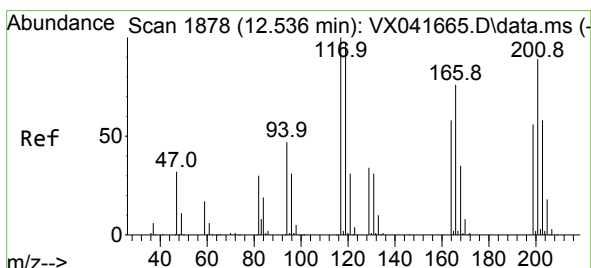
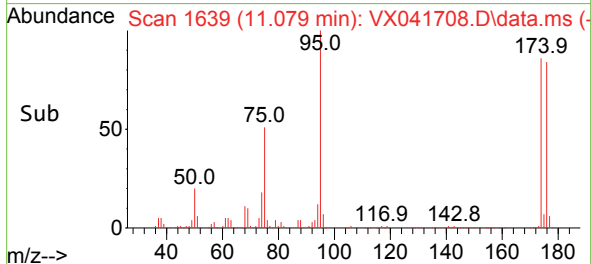
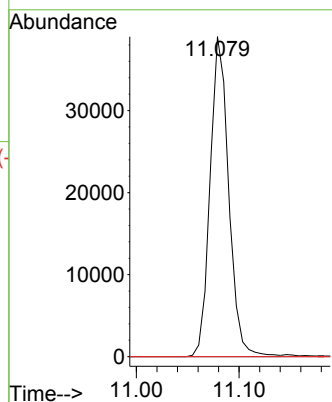
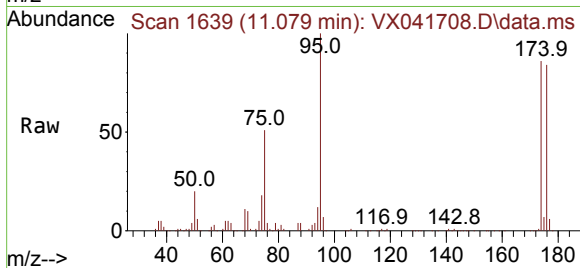




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.930 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041708.D
 Acq: 03 Jun 2024 16:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 49159
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#90
 Hexachloroethane
 Concen: 0.440 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.164 min
 Lab File: VX041708.D
 Acq: 03 Jun 2024 16:41

Tgt Ion: 117 Resp: 448
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.9 98.6#

