

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041756.D
 Acq On : 05 Jun 2024 17:36
 Operator : JC/MD
 Sample : P2718-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:23:06 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)

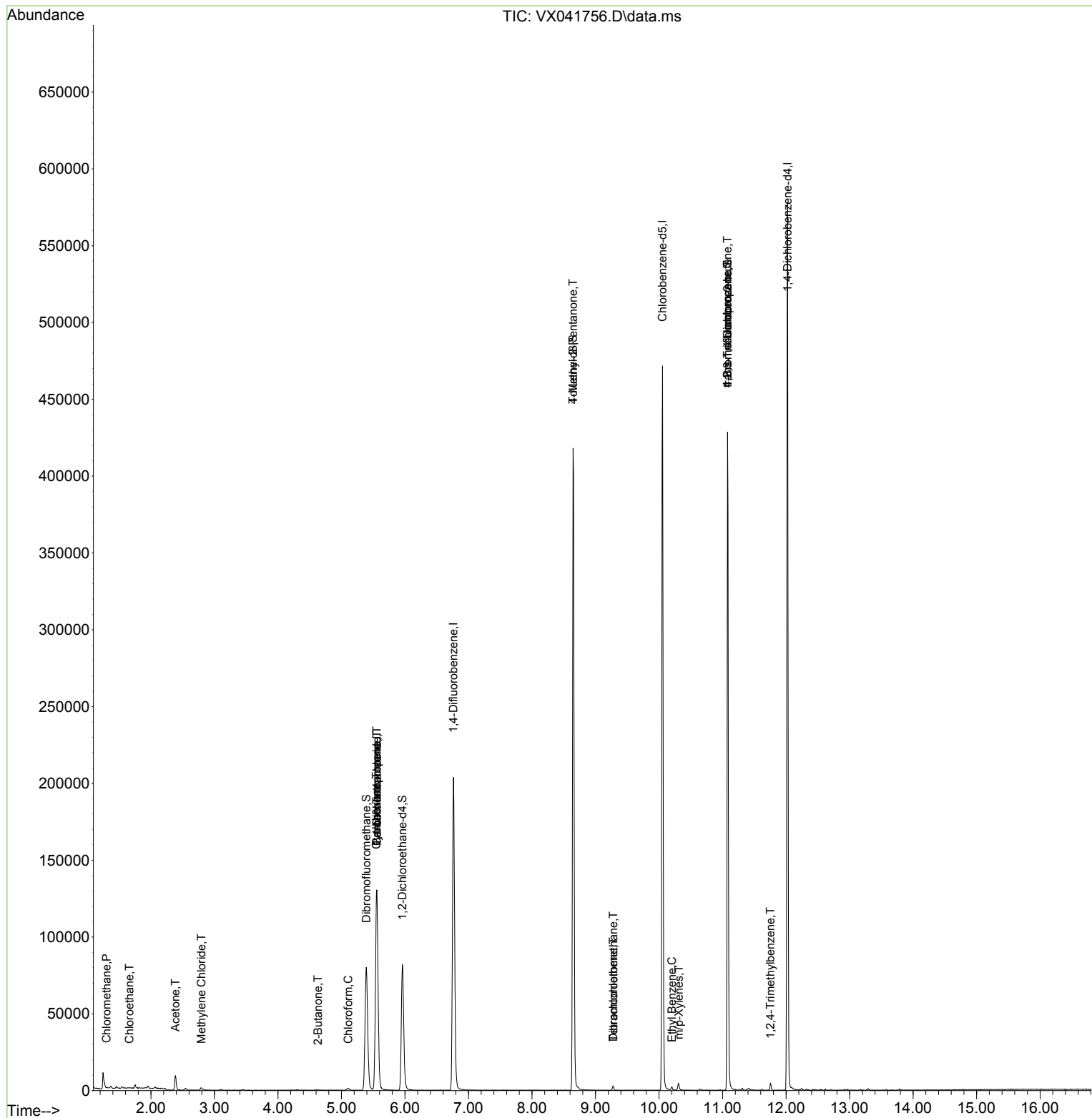
Internal Standards						
1) Pentafluorobenzene	5.556	168	137043	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	211746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80640	47.978	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.960%		
35) Dibromofluoromethane	5.391	113	69017	47.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.647	98	254789	49.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	106359	56.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.660%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	304	0.231	ug/l	# 43
6) Chloroethane	1.660	64	330	0.404	ug/l	# 43
16) Acetone	2.386	43	10872	12.050	ug/l	98
20) Methylene Chloride	2.794	84	609	0.405	ug/l	# 86
25) 2-Butanone	4.629	43	387	0.370	ug/l	# 51
30) Chloroform	5.105	83	1700	0.697	ug/l	97
31) Cyclohexane	5.550	56	2547	1.284	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	8948	5.048	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	12113	6.014	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1228	0.561	ug/l	# 1
60) Dibromochloromethane	9.281	129	543	0.345	ug/l	# 11
64) Tetrachloroethene	9.281	164	554	0.337	ug/l	# 80
67) Ethyl Benzene	10.201	91	1549	0.207	ug/l	98
68) m/p-Xylenes	10.311	106	1253	0.420	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	54480	23.785	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	54480	64.826	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	2574	0.374	ug/l	96

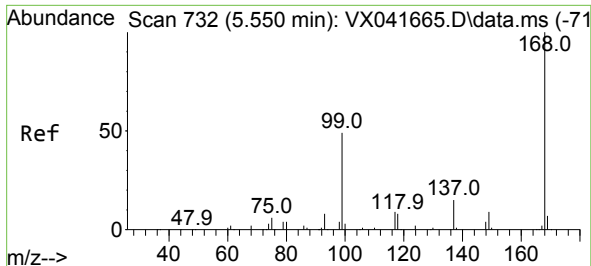
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 02:23:06 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

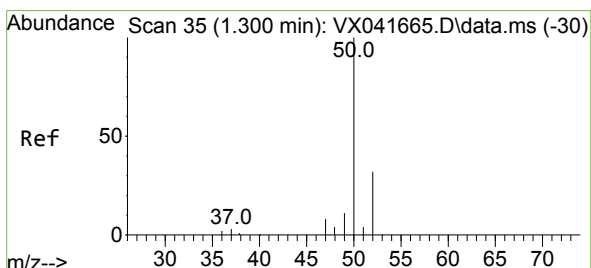
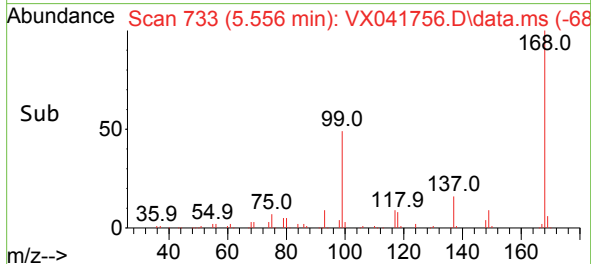
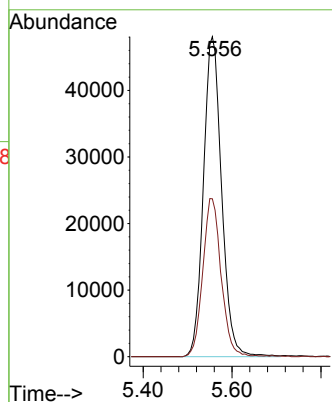
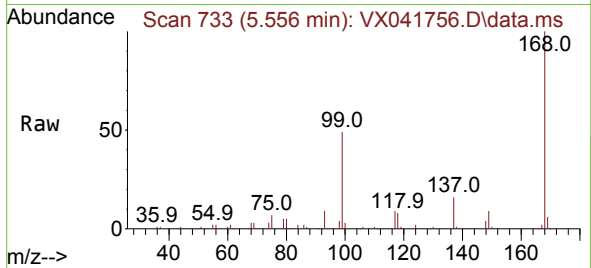




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

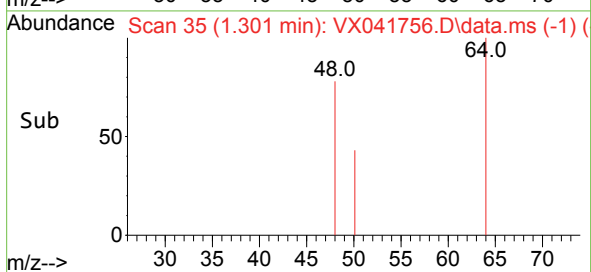
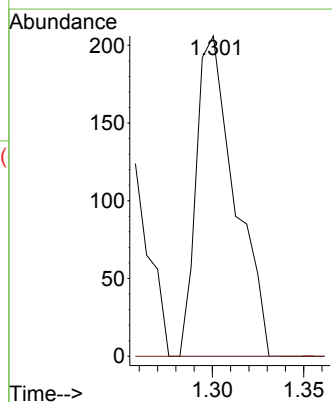
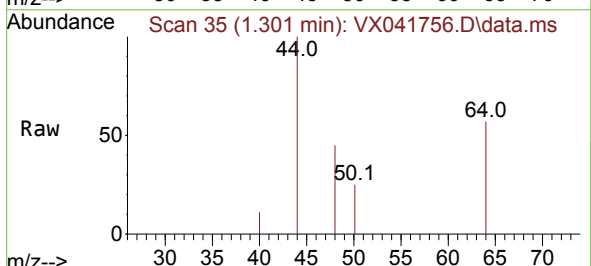
Instrument :
MSVOA_X
ClientSampleId :

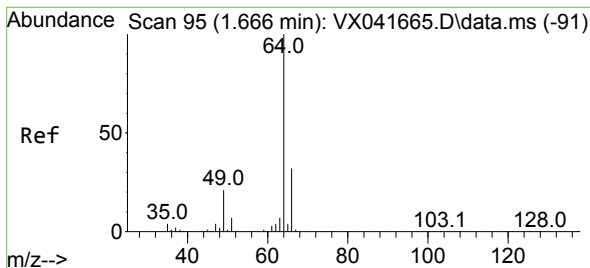
Tgt Ion:168 Resp: 137043
Ion Ratio Lower Upper
168 100
99 49.3 56.6 85.0#



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

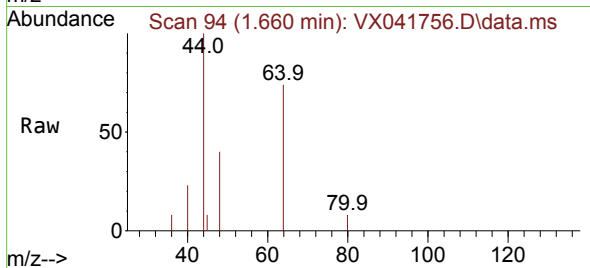
Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



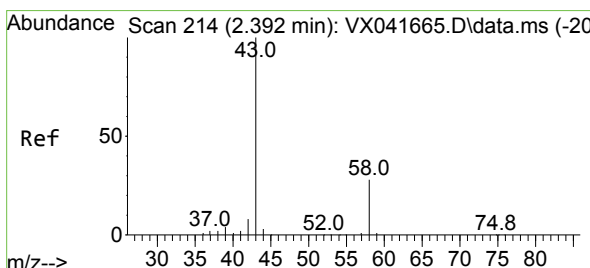
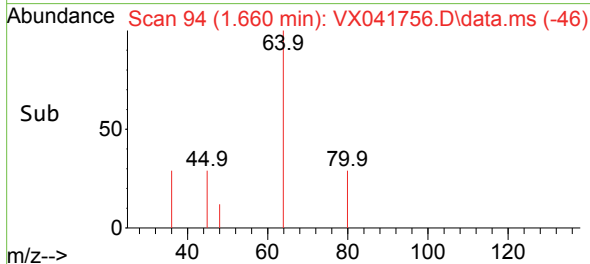
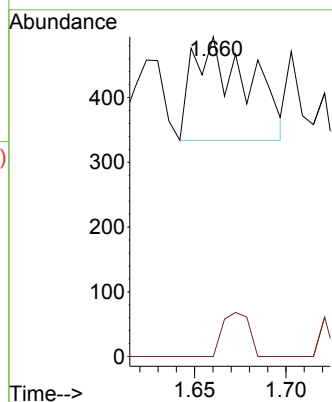


#6
Chloroethane
Concen: 0.404 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :

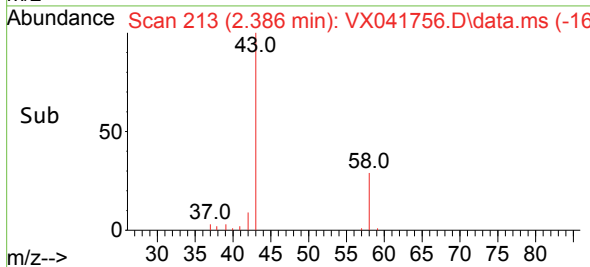
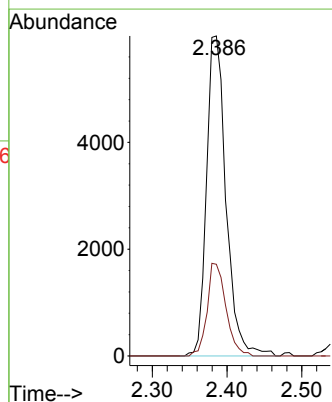
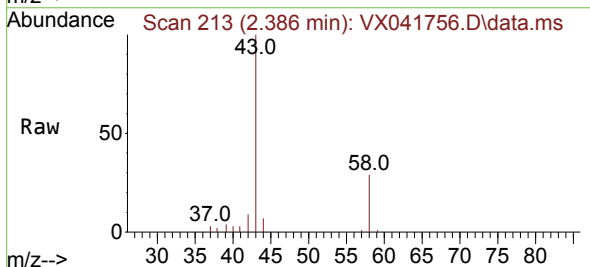


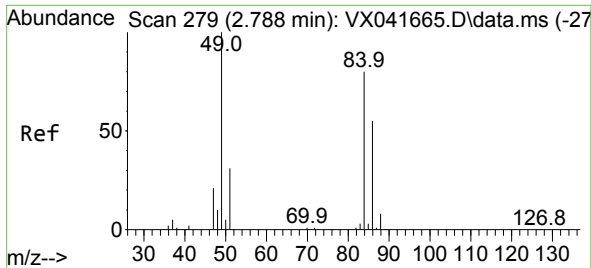
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 12.050 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

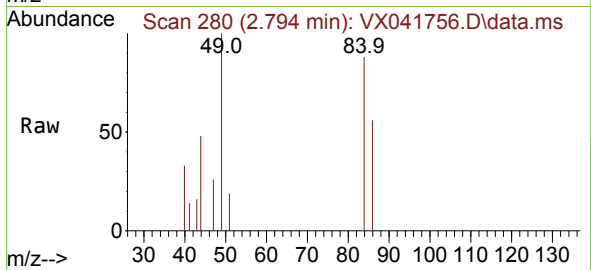
Tgt Ion: 43 Resp: 10872
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



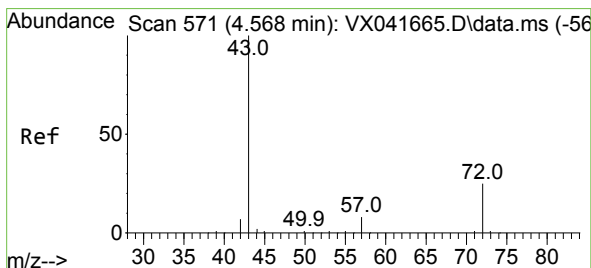
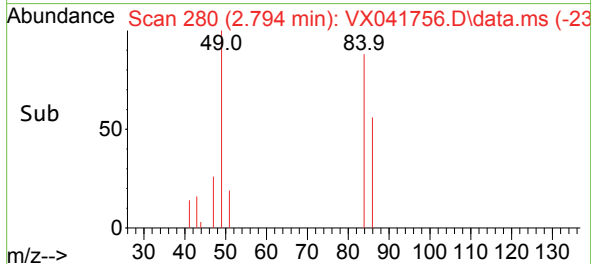
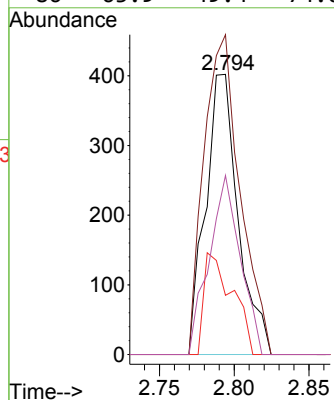


#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :

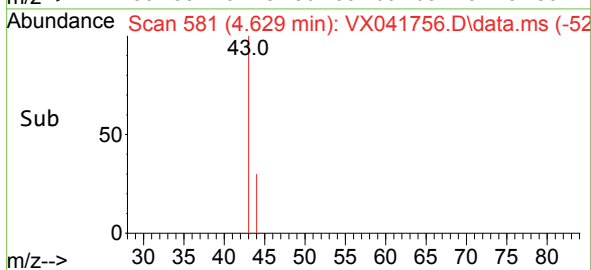
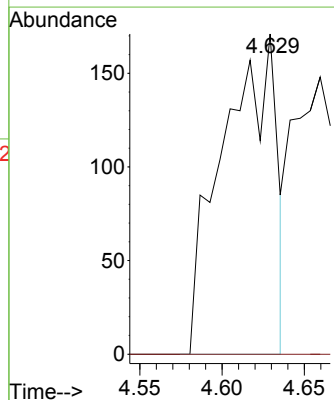
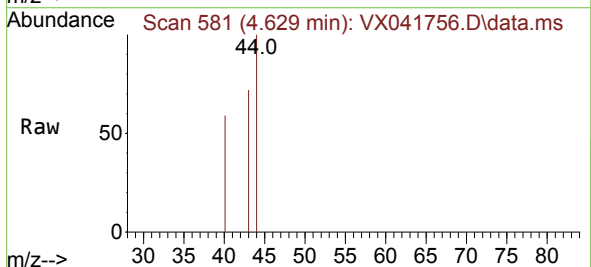


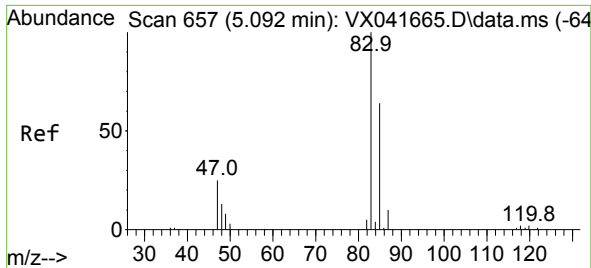
Tgt Ion: 84	Resp: 609
Ion Ratio	Lower Upper
84	100
49	114.2 103.6 155.4
51	21.1 33.8 50.6#
86	63.9 49.4 74.0



#25
2-Butanone
Concen: 0.370 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.061 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

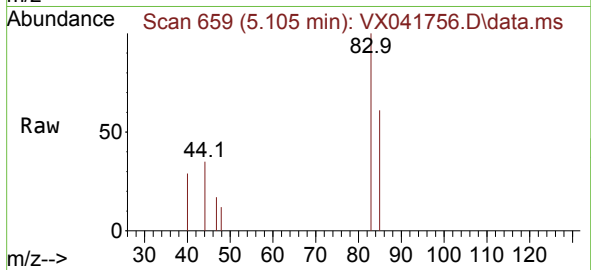
Tgt Ion: 43	Resp: 387
Ion Ratio	Lower Upper
43	100
72	0.0 19.4 29.2#



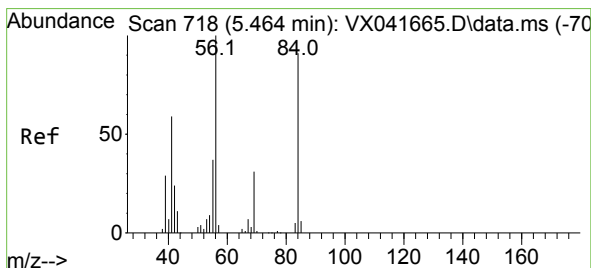
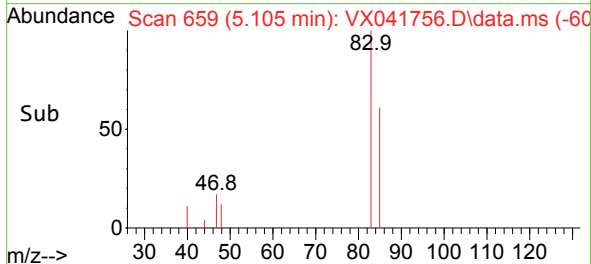
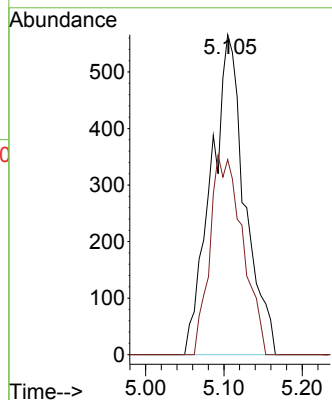


#30
Chloroform
Concen: 0.697 ug/l
RT: 5.105 min Scan# 610
Delta R.T. 0.012 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :

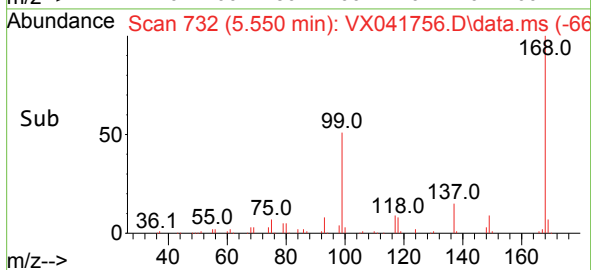
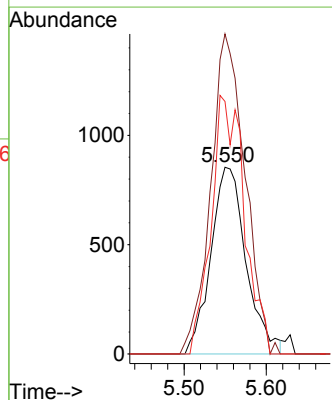
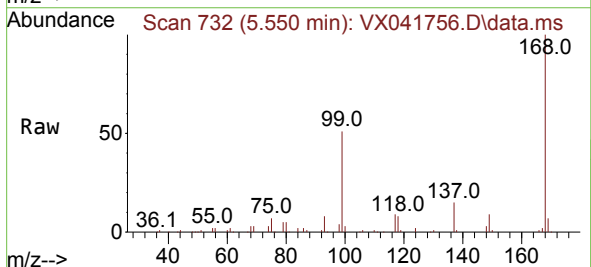


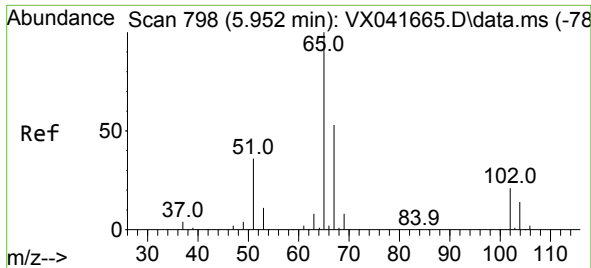
Tgt Ion: 83 Resp: 1700
Ion Ratio Lower Upper
83 100
85 61.0 50.3 75.5



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Tgt Ion: 56 Resp: 2547
Ion Ratio Lower Upper
56 100
69 171.4 23.4 35.2#
84 135.2 65.9 98.9#

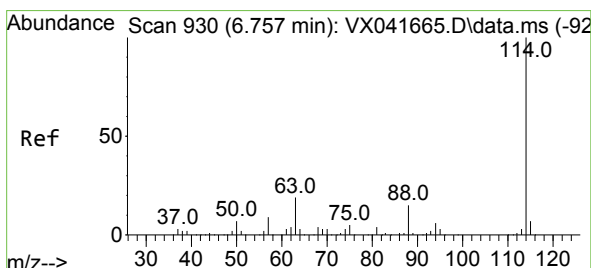
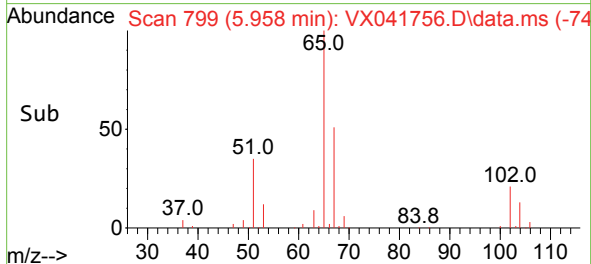
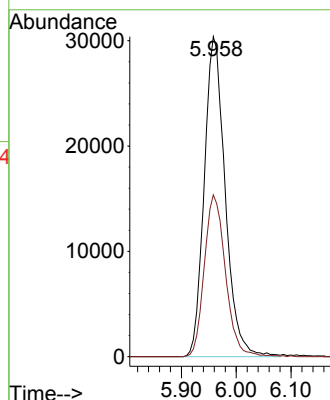
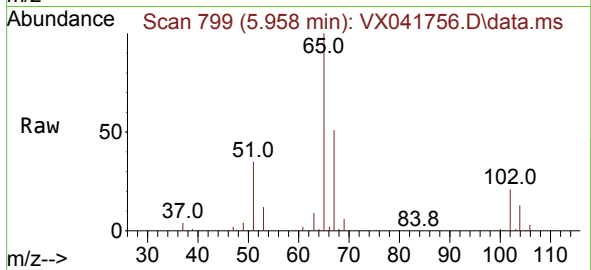




#33
 1,2-Dichloroethane-d4
 Concen: 47.978 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041756.D
 Acq: 05 Jun 2024 17:36

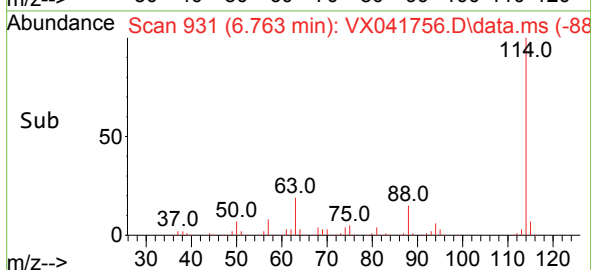
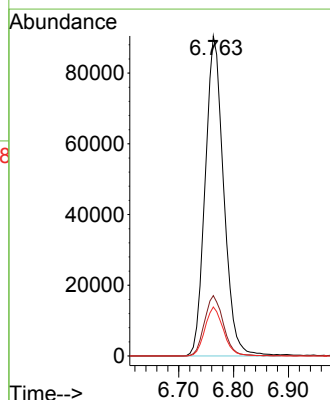
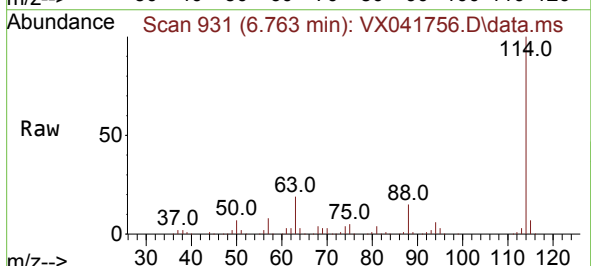
Instrument :
 MSVOA_X
 ClientSampleId :

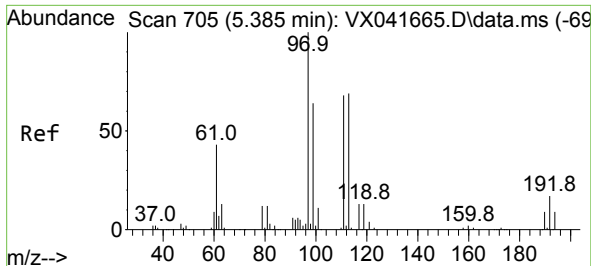
Tgt Ion: 65 Resp: 80640
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041756.D
 Acq: 05 Jun 2024 17:36

Tgt Ion: 114 Resp: 211746
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.143 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

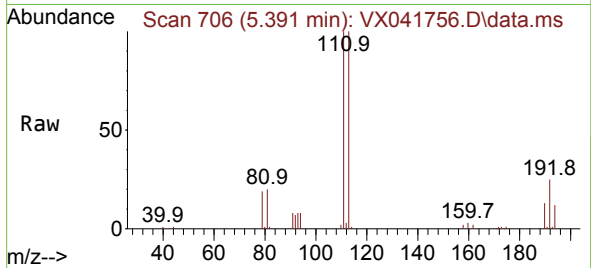
Lab File: VX041756.D

Acq: 05 Jun 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :



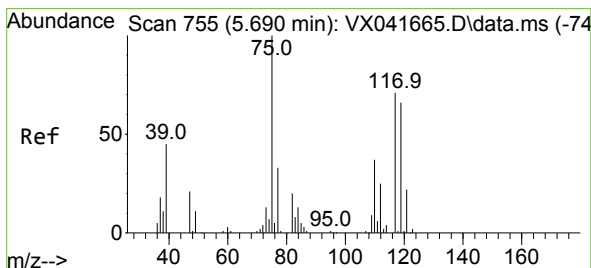
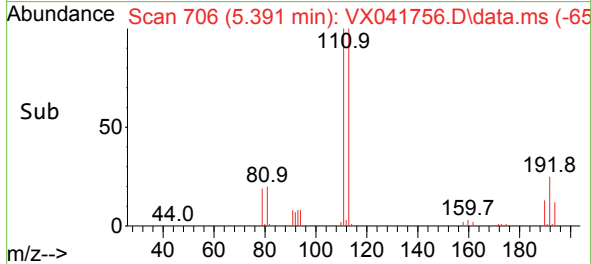
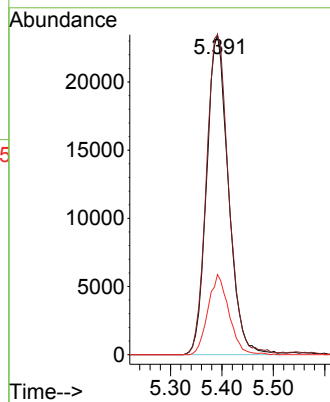
Tgt Ion:113 Resp: 69017

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 24.2 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX041756.D

Acq: 05 Jun 2024 17:36

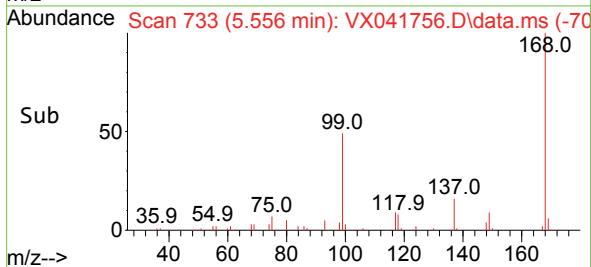
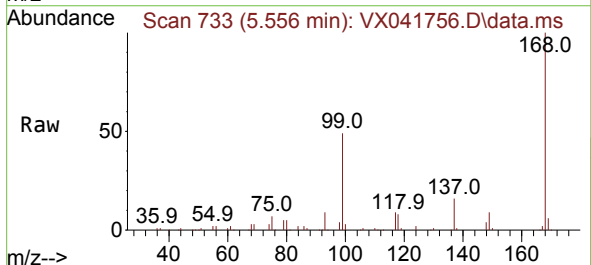
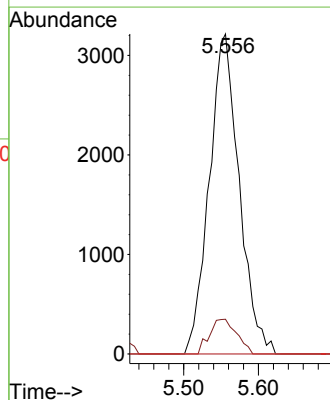
Tgt Ion: 75 Resp: 8948

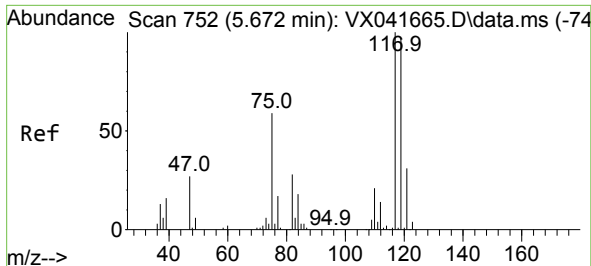
Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

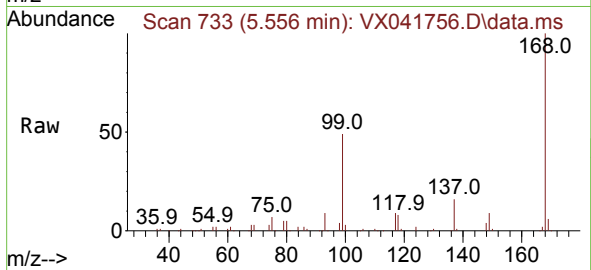
77 0.0 24.7 37.1#



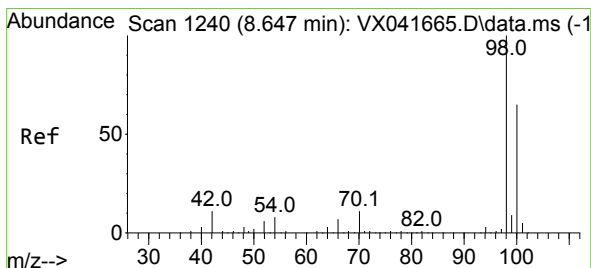
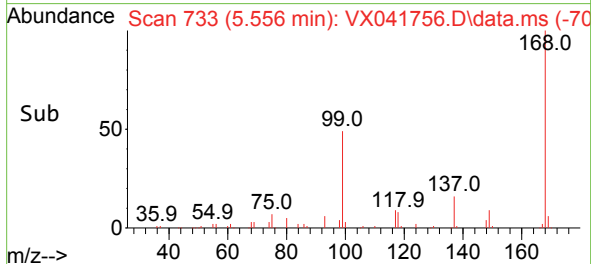
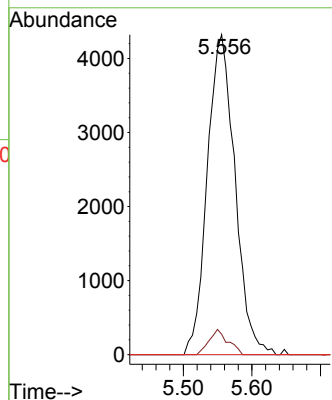


#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :

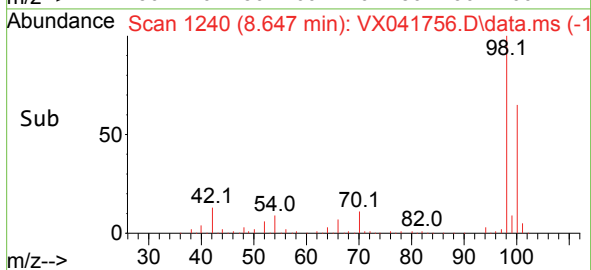
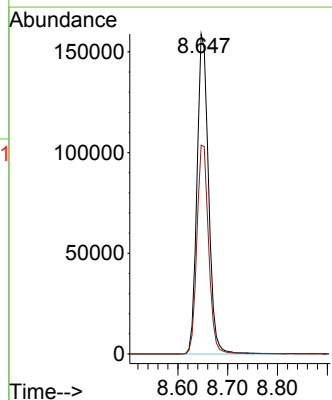
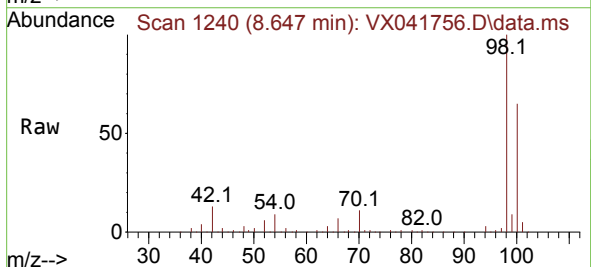


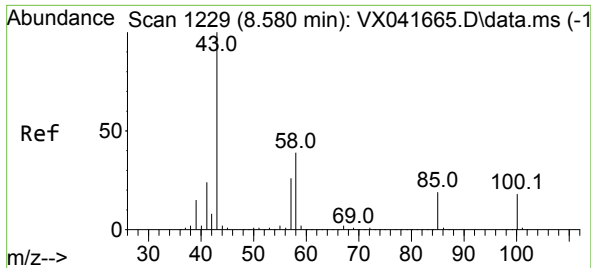
Tgt Ion:117 Resp: 12113
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Tgt Ion: 98 Resp: 254789
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

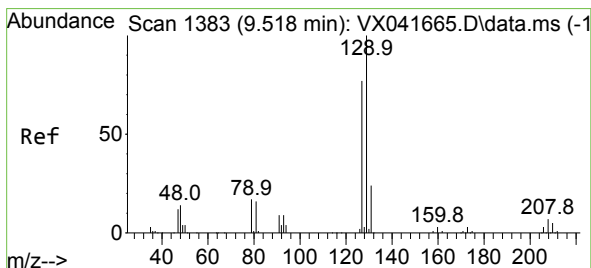
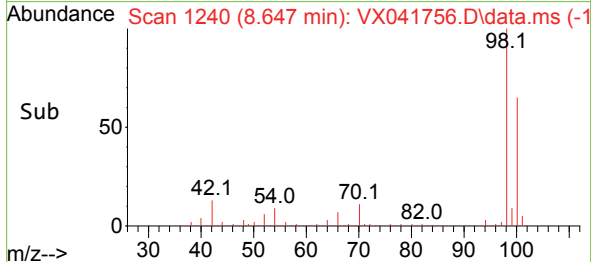
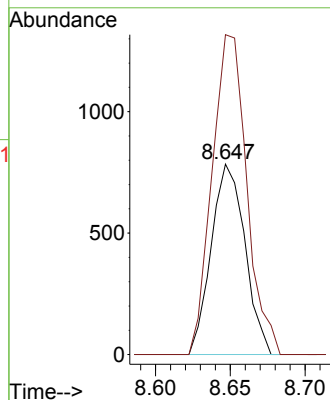
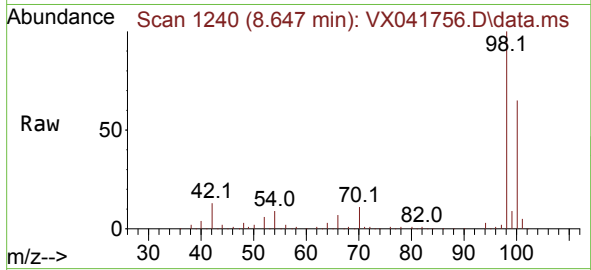




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

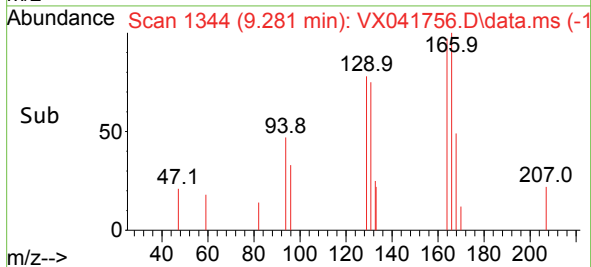
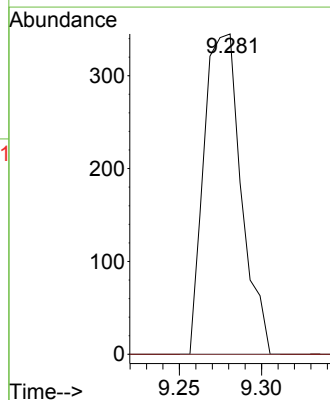
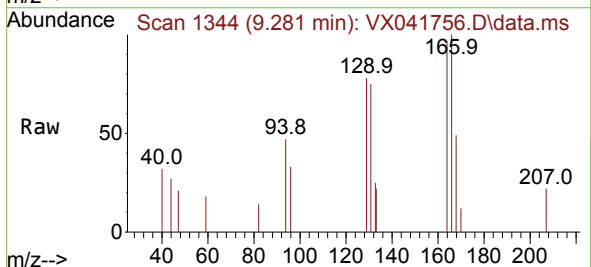
Instrument :
MSVOA_X
ClientSampleId :

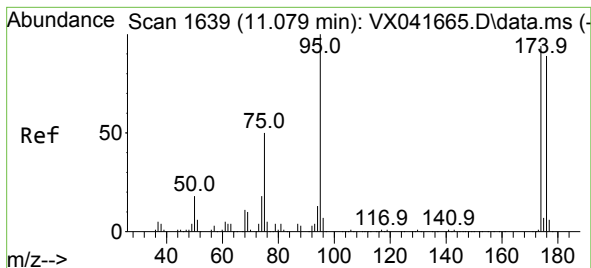
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 173.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.345 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Tgt Ion: 129 Resp: 543
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

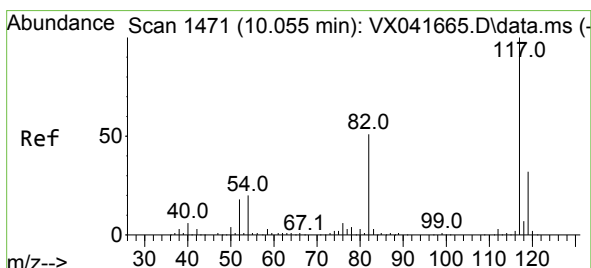
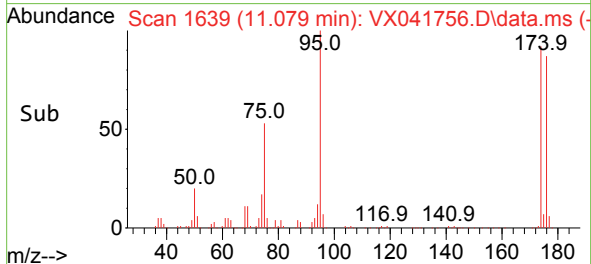
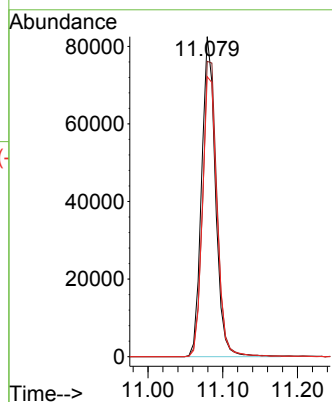
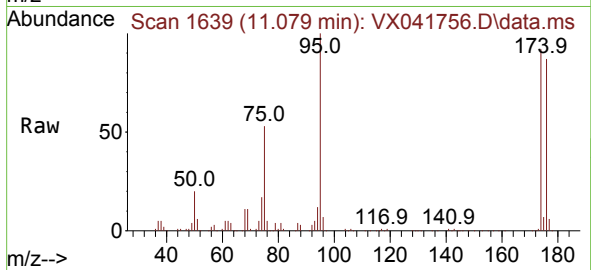




#62
4-Bromofluorobenzene
Concen: 56.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

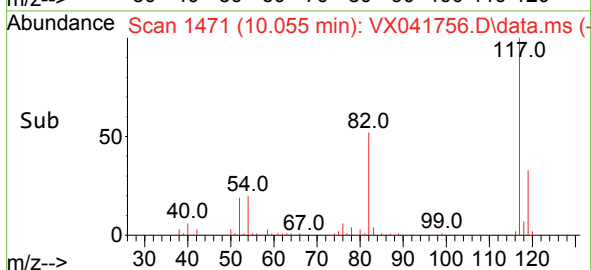
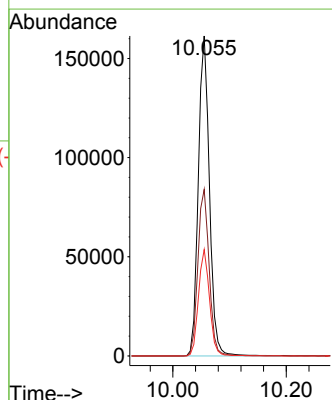
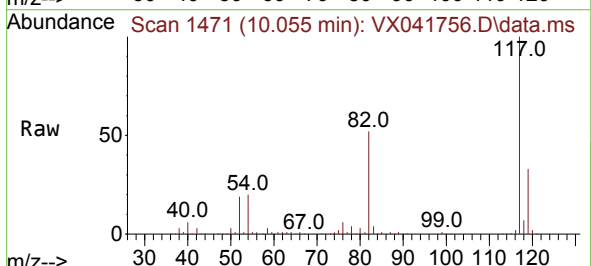
Instrument :
MSVOA_X
ClientSampleId :

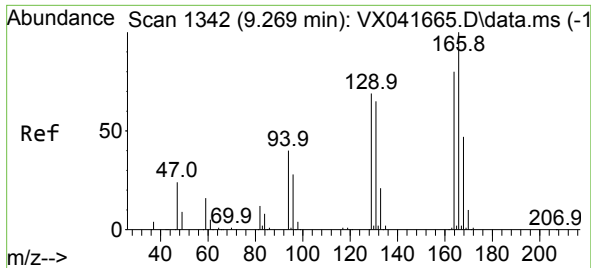
Tgt Ion: 95 Resp: 106359
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 92.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

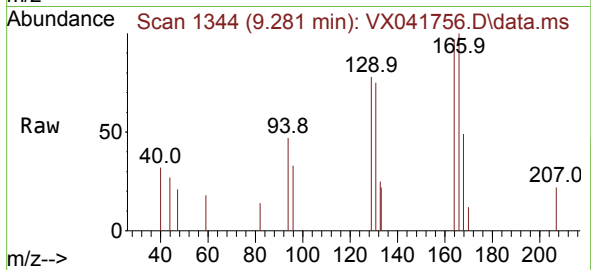
Tgt Ion: 117 Resp: 219204
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 33.2 25.5 38.3



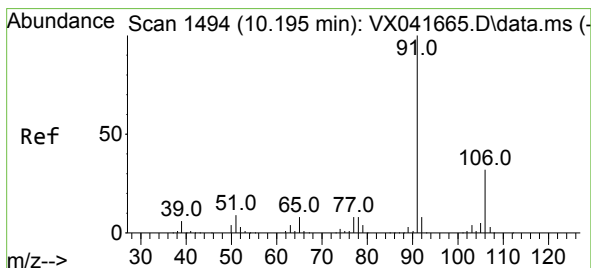
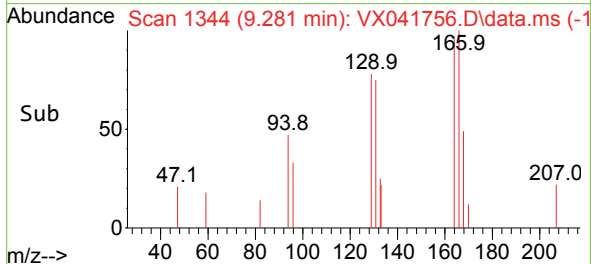
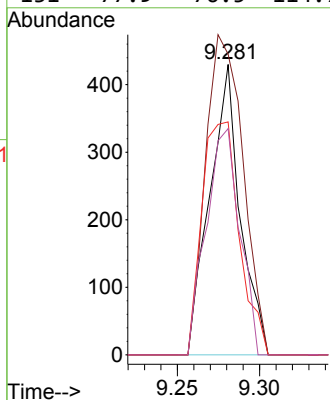


#64
Tetrachloroethene
Concen: 0.337 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :

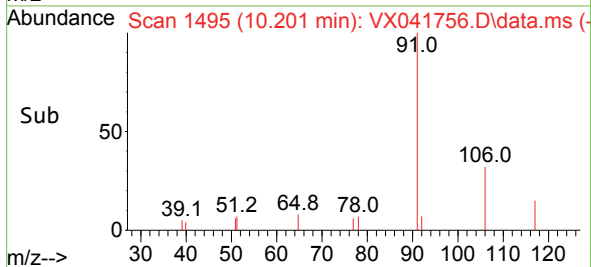
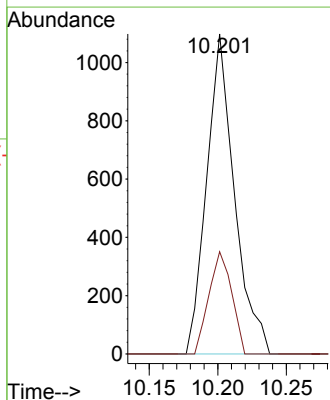
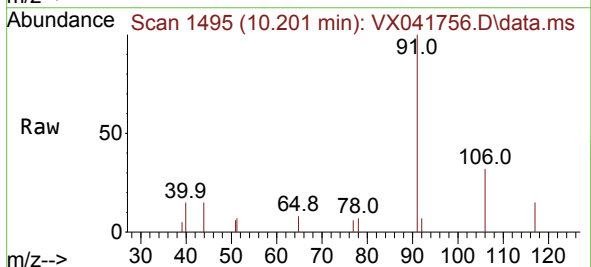


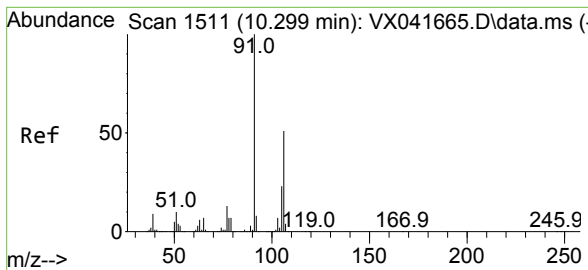
Tgt Ion:164 Resp: 554
Ion Ratio Lower Upper
164 100
166 103.5 102.7 154.1
129 80.2 80.4 120.6#
131 77.9 76.5 114.7



#67
Ethyl Benzene
Concen: 0.207 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Tgt Ion: 91 Resp: 1549
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

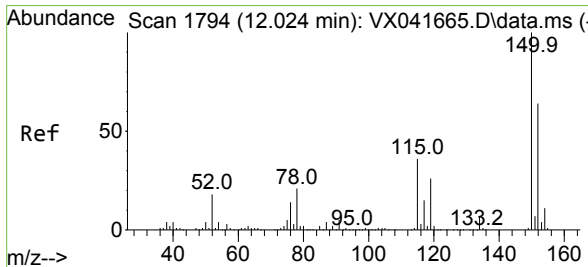
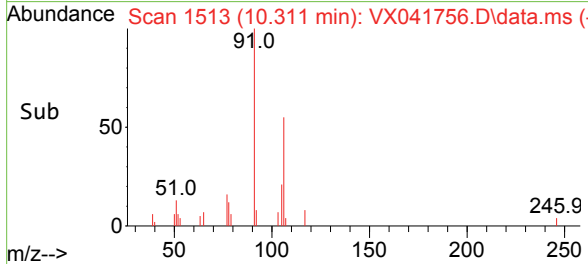
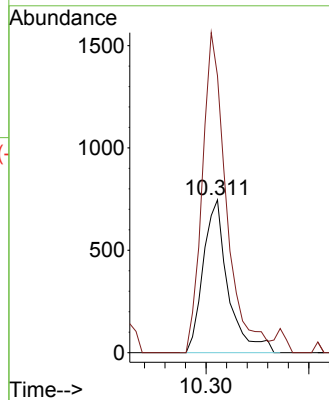
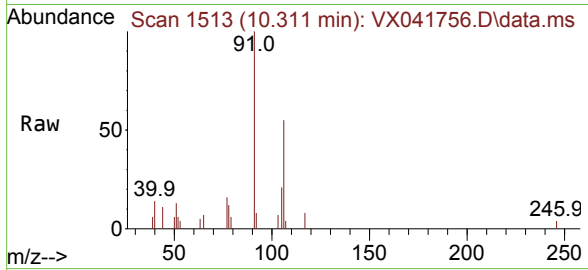




#68
m/p-Xylenes
Concen: 0.420 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

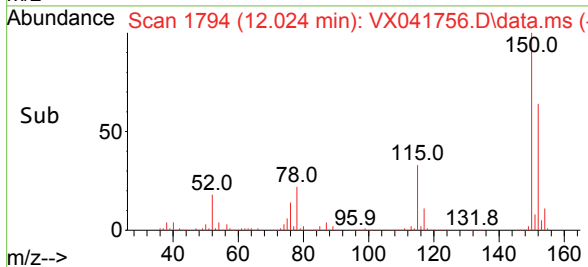
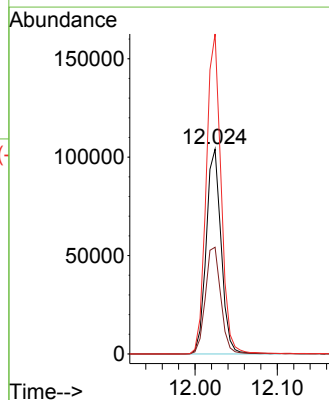
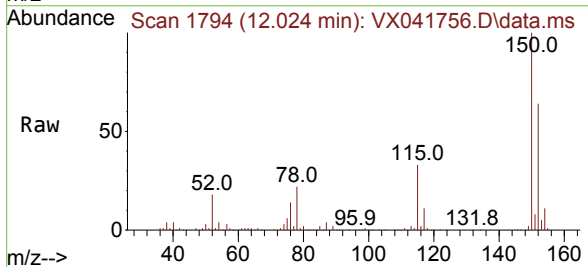
Instrument :
MSVOA_X
ClientSampleId :

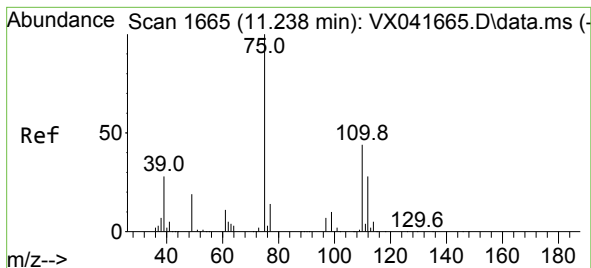
Tgt Ion:106 Resp: 1253
Ion Ratio Lower Upper
106 100
91 203.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Tgt Ion:152 Resp: 131277
Ion Ratio Lower Upper
152 100
115 54.1 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.785 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041756.D

Acq: 05 Jun 2024 17:36

Instrument :

MSVOA_X

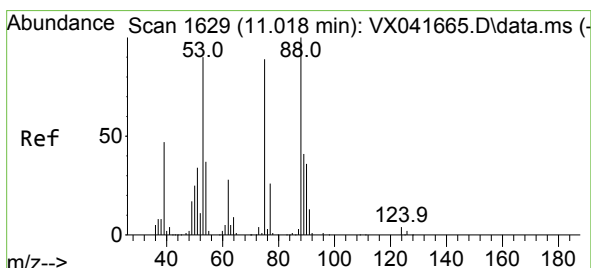
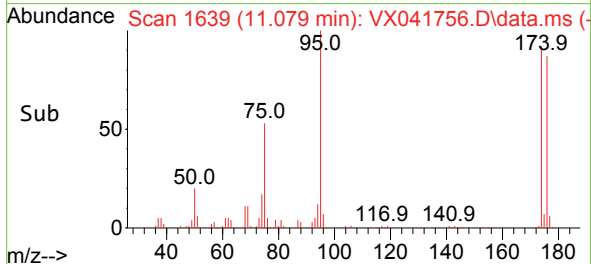
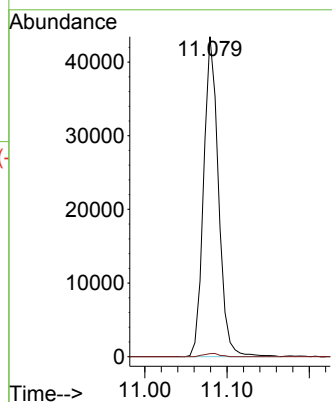
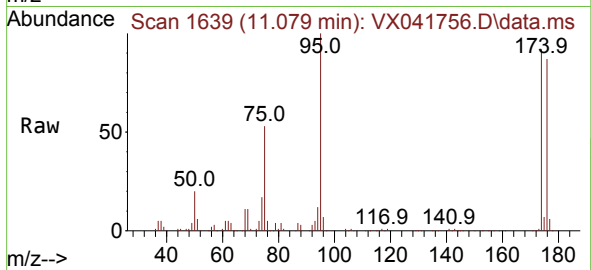
ClientSampleId :

Tgt Ion: 75 Resp: 54480

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.826 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041756.D

Acq: 05 Jun 2024 17:36

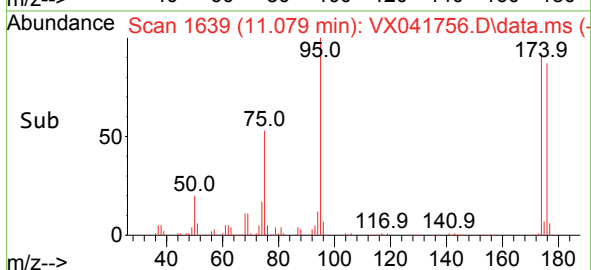
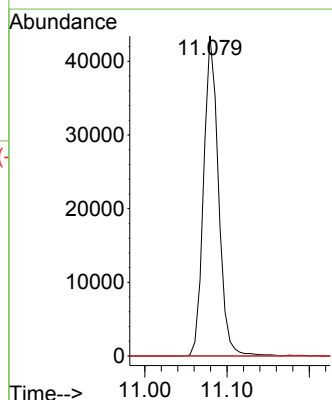
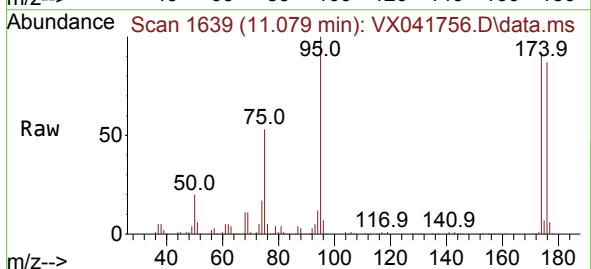
Tgt Ion: 75 Resp: 54480

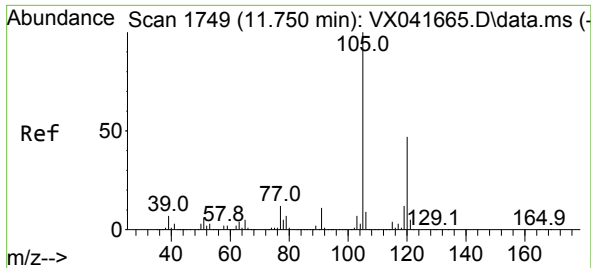
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

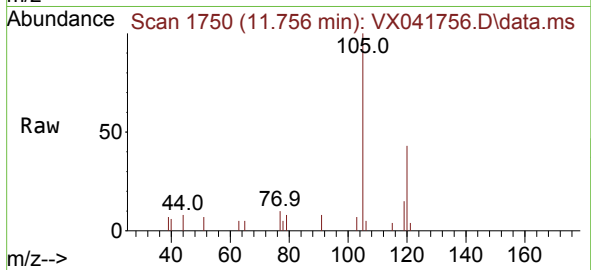
89 0.0 36.9 55.3#





#84
1,2,4-Trimethylbenzene
Concen: 0.374 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041756.D
Acq: 05 Jun 2024 17:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	21.2	63.6

