

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041672.D
 Acq On : 29 May 2024 14:29
 Operator : JC/MD
 Sample : VX0529WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 30 07:41:49 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)

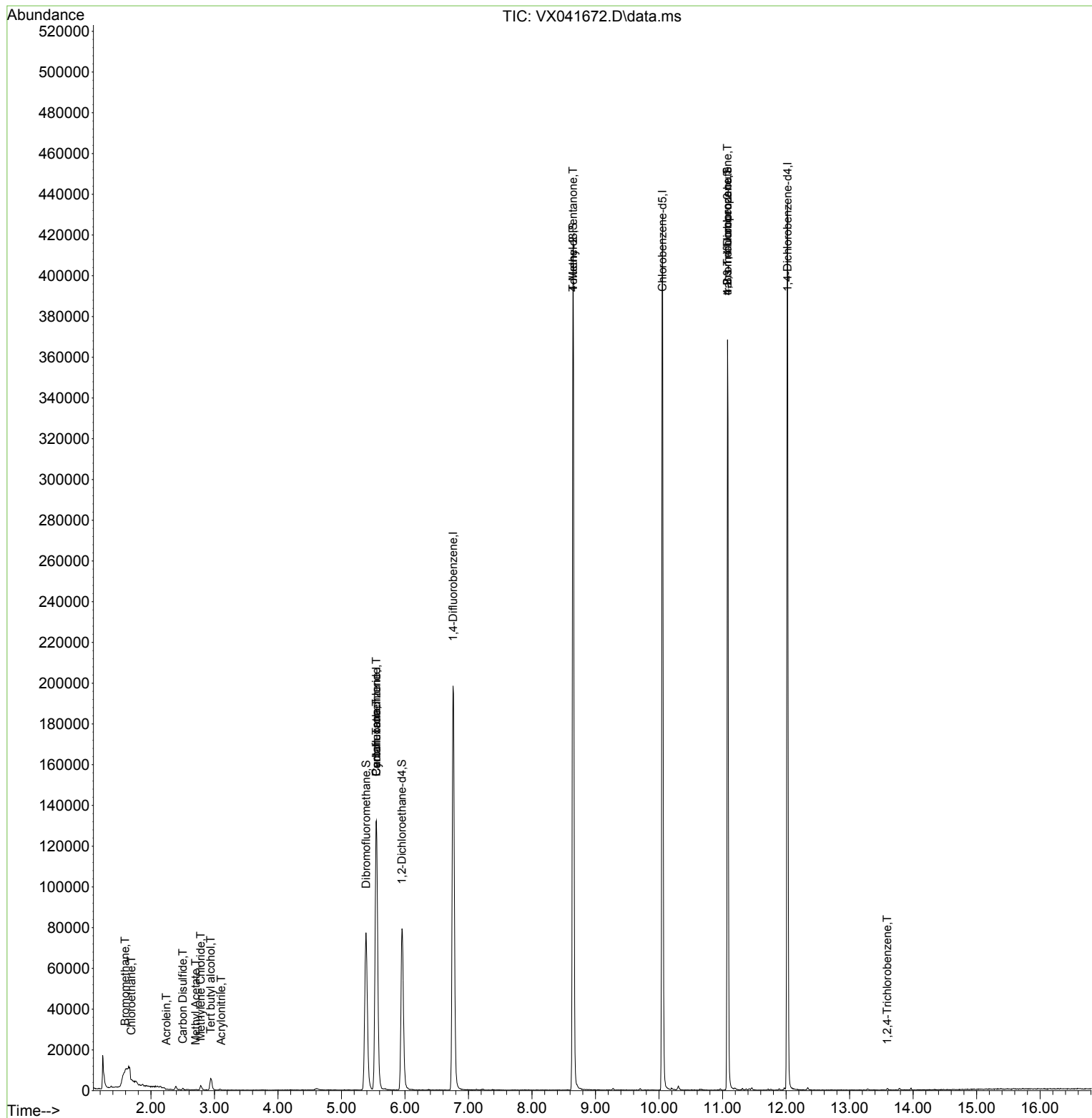
Internal Standards						
1) Pentafluorobenzene	5.550	168	141338	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	214425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81120	46.796	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.385	113	67252	45.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	247554	47.789	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.079	95	91199	47.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
						Qvalue
5) Bromomethane	1.593	94	363	0.374	ug/l	# 74
6) Chloroethane	1.691	64	325	0.385	ug/l	99
11) Tert butyl alcohol	2.940	59	3777	12.317	ug/l	# 78
13) Acrolein	2.239	56	128	0.448	ug/l	# 14
15) Acrylonitrile	3.105	53	156	0.207	ug/l	# 53
16) Acetone	2.392	43	1937	Below Cal		99
17) Carbon Disulfide	2.502	76	981	0.352	ug/l	# 76
18) Methyl Acetate	2.703	43	339	0.205	ug/l	# 53
20) Methylene Chloride	2.782	84	1175	0.757	ug/l	91
31) Cyclohexane	5.550	56	2601	1.271	ug/l	# 9
38) Carbon Tetrachloride	5.550	117	12811	6.281	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1176	0.530	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46605	26.931	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46605	73.401	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	471	0.216	ug/l	89

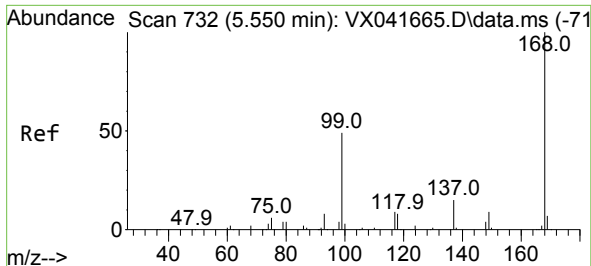
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX041672.D
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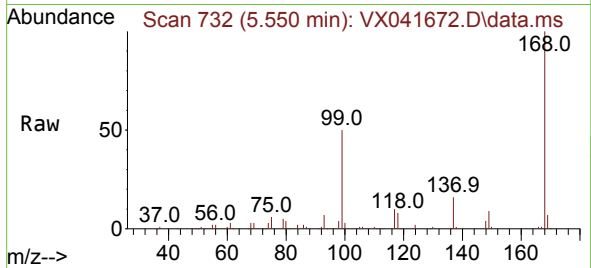
Quant Time: May 30 07:41:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
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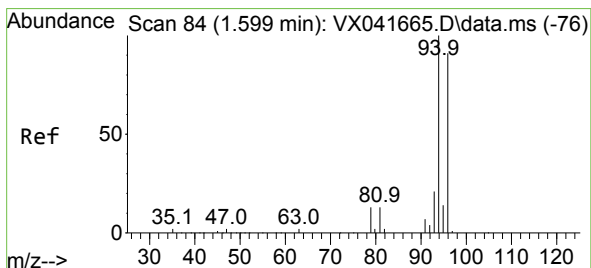
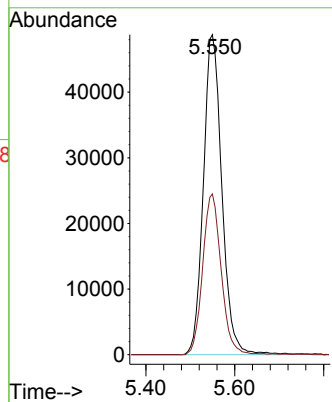
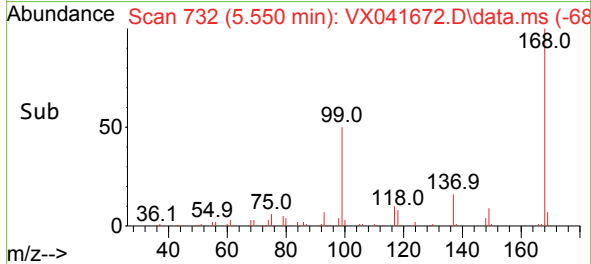


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

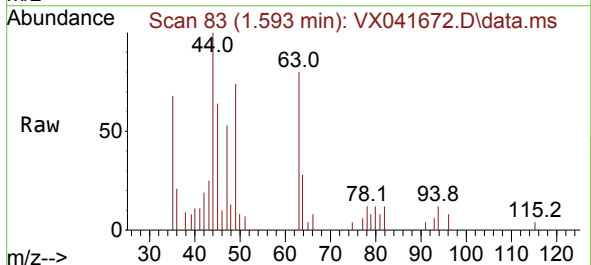
Instrument :
MSVOA_X
ClientSampleId :



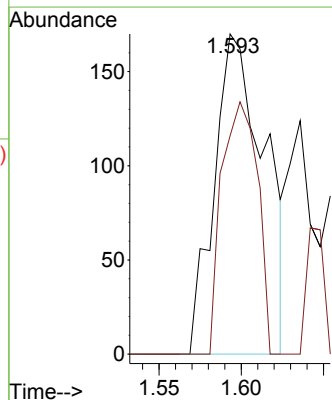
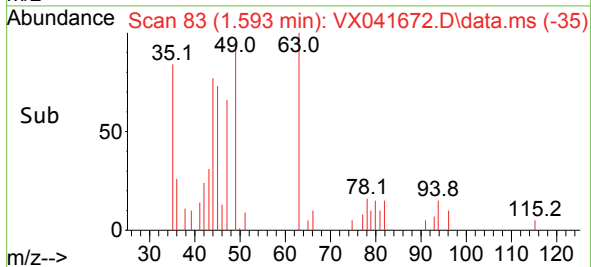
Tgt Ion:168 Resp: 141338
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#

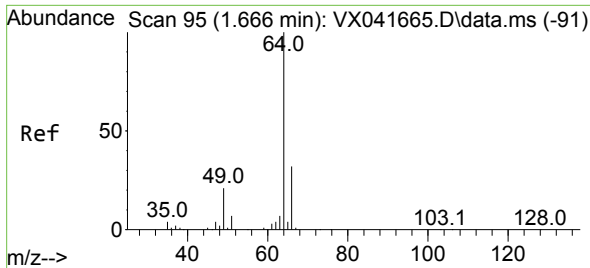


#5
Bromomethane
Concen: 0.374 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29



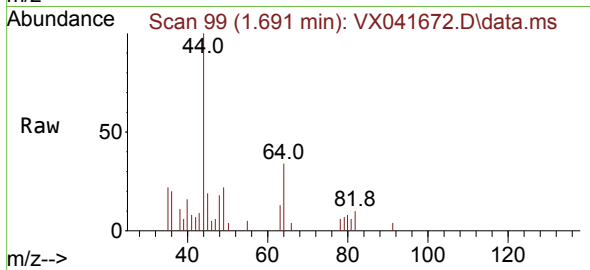
Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 68.2 74.6 111.8#



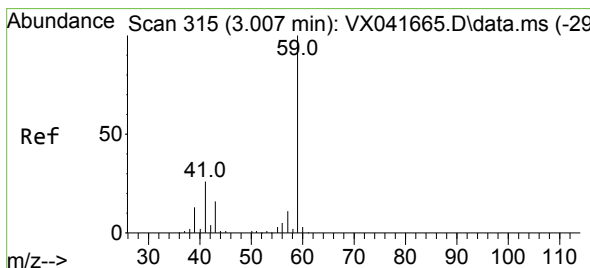
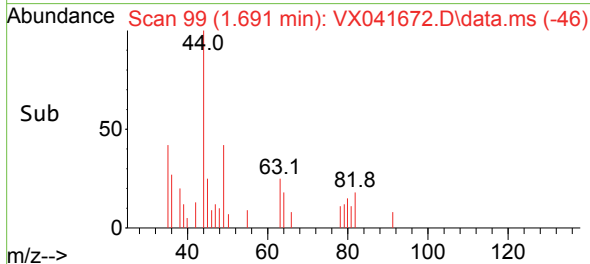
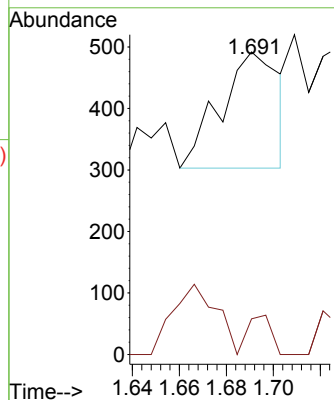


#6
Chloroethane
Concen: 0.385 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

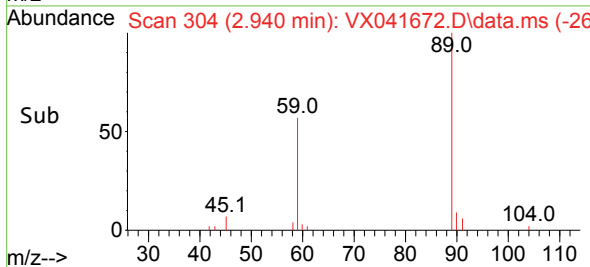
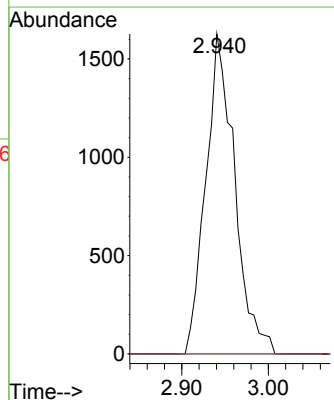
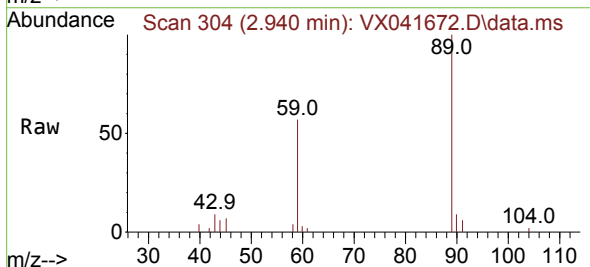


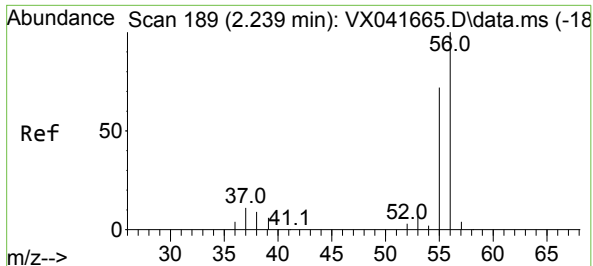
Tgt Ion: 64 Resp: 325
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7



#11
Tert butyl alcohol
Concen: 12.317 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Tgt Ion: 59 Resp: 3777
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.448 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041672.D

Acq: 29 May 2024 14:29

Instrument :

MSVOA_X

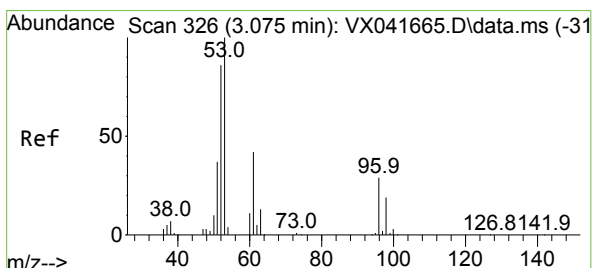
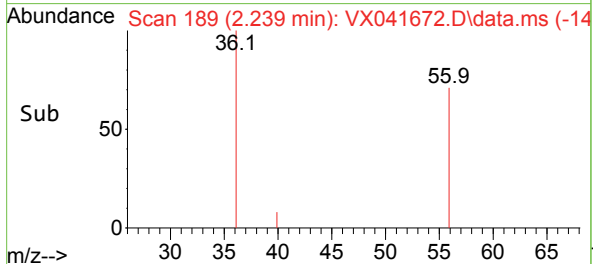
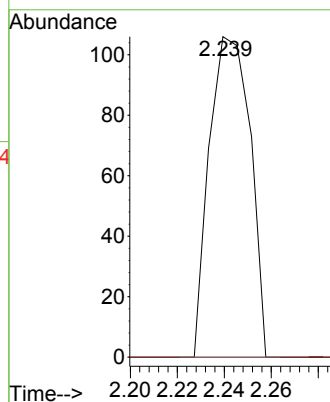
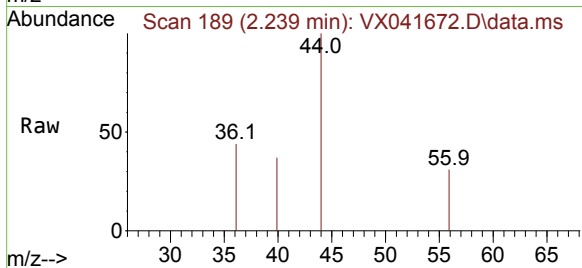
ClientSampleId :

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.207 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.031 min

Lab File: VX041672.D

Acq: 29 May 2024 14:29

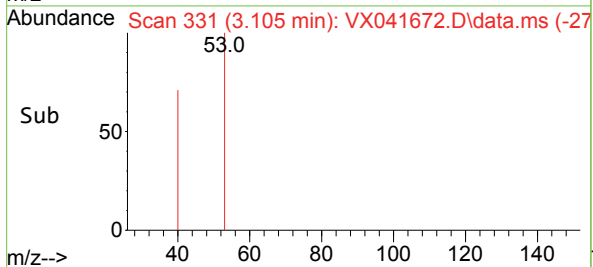
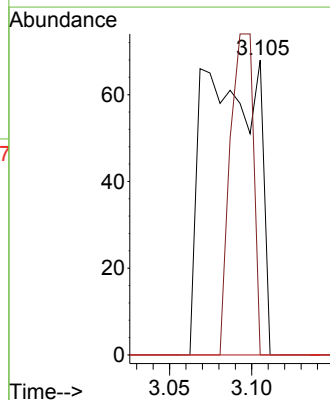
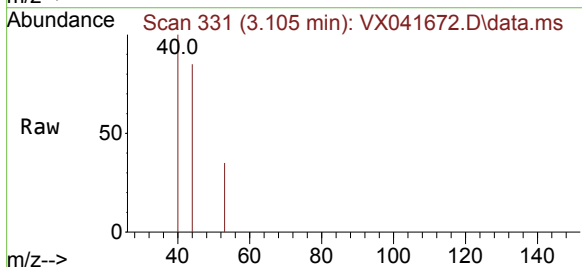
Tgt Ion: 53 Resp: 156

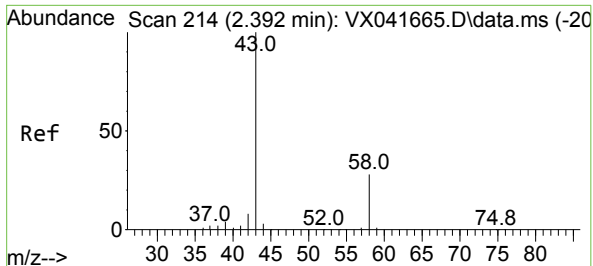
Ion Ratio Lower Upper

53 100

52 46.2 66.0 99.0#

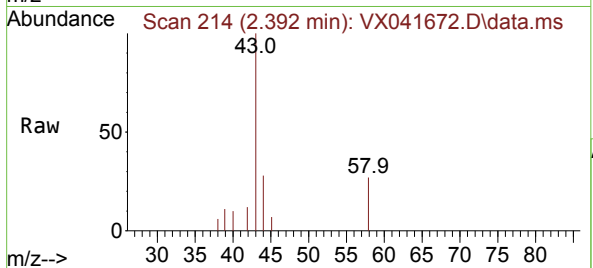
51 0.0 29.8 44.6#



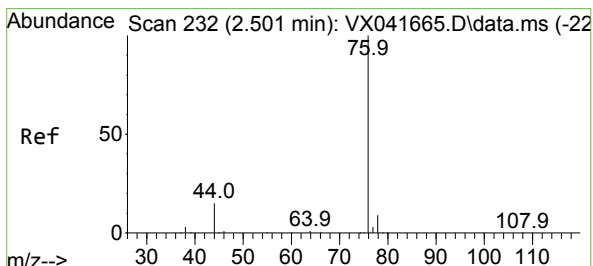
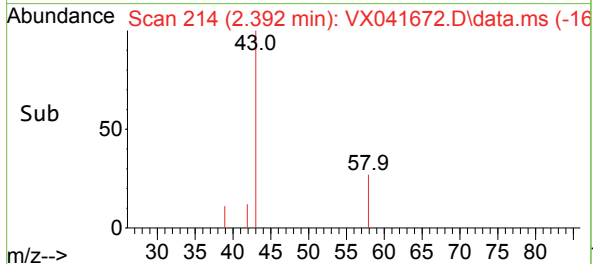
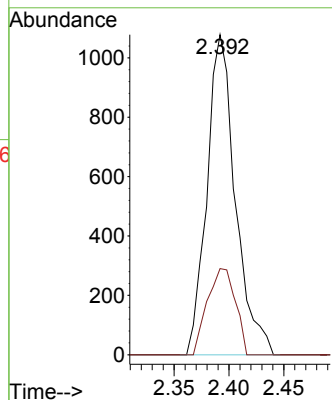


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

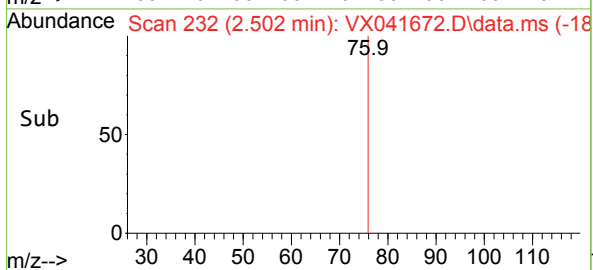
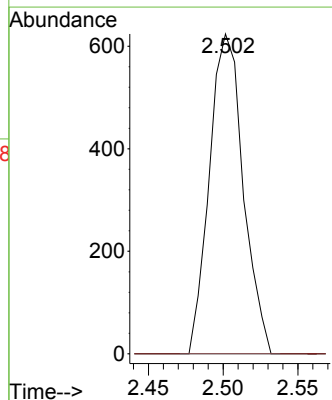
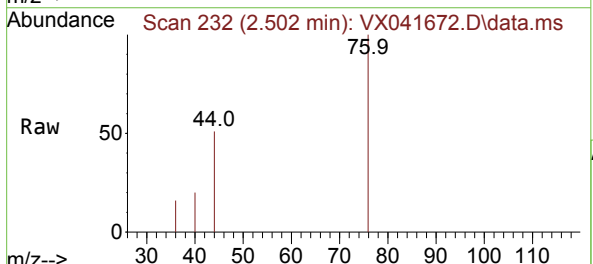


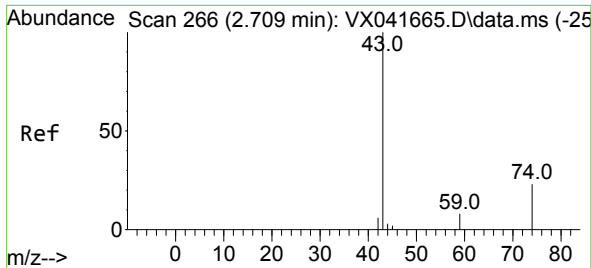
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Tgt Ion: 76 Resp: 981
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

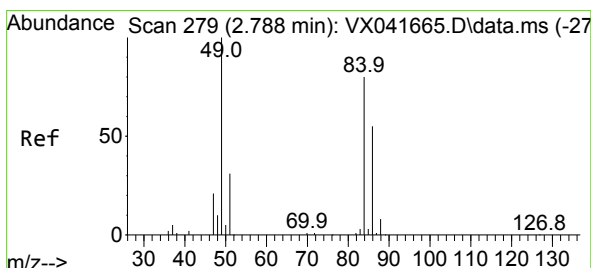
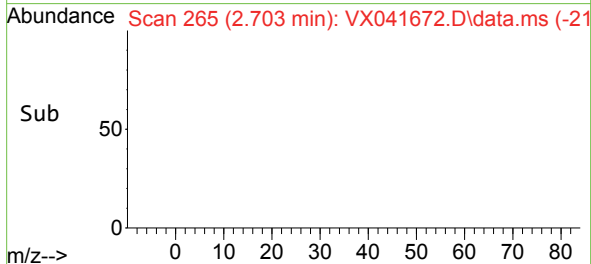
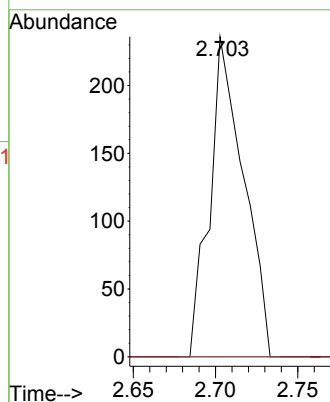
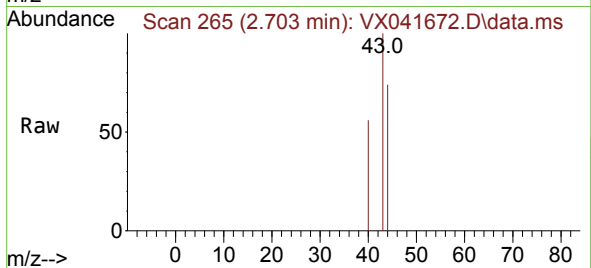




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

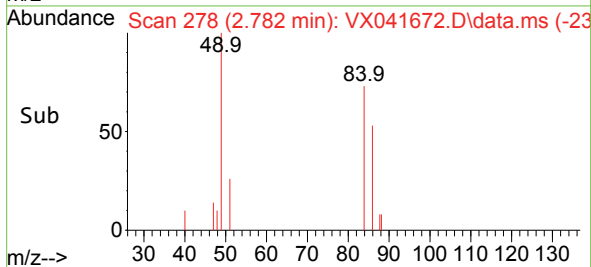
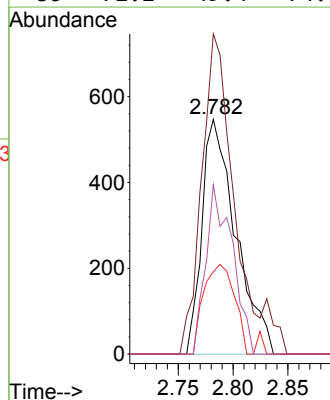
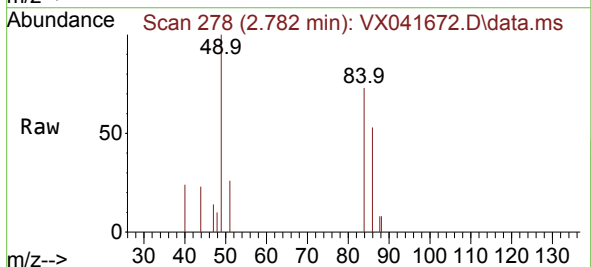
Instrument :
MSVOA_X
ClientSampleId :

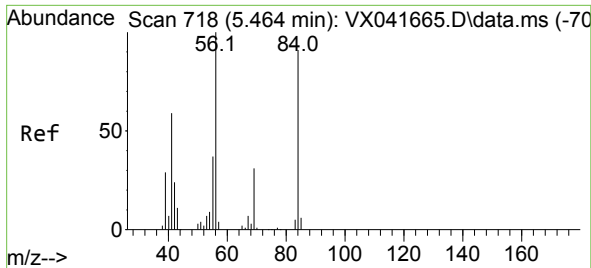
Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.757 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

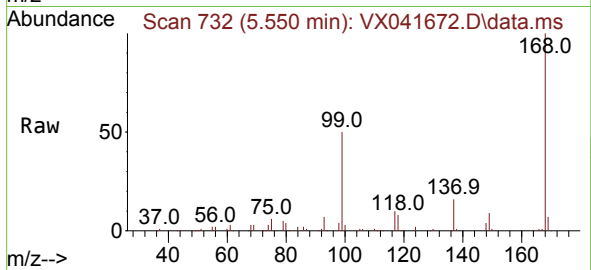
Tgt Ion: 84 Resp: 1175
Ion Ratio Lower Upper
84 100
49 136.4 103.6 155.4
51 35.1 33.8 50.6
86 72.2 49.4 74.0



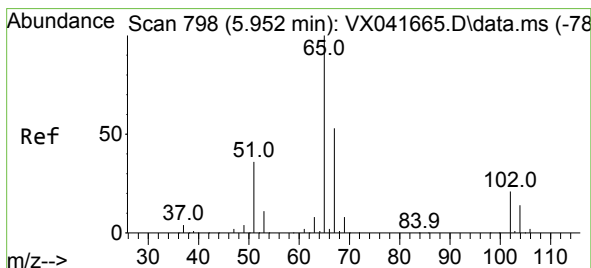
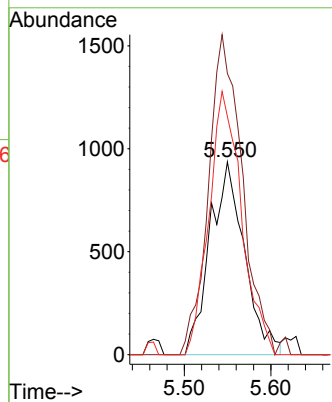
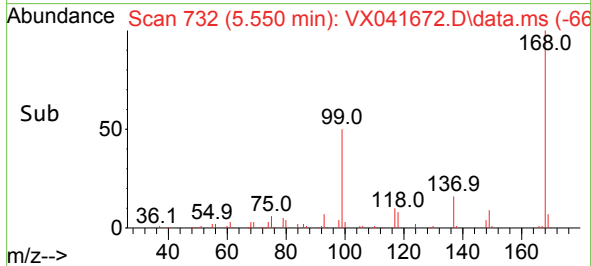


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

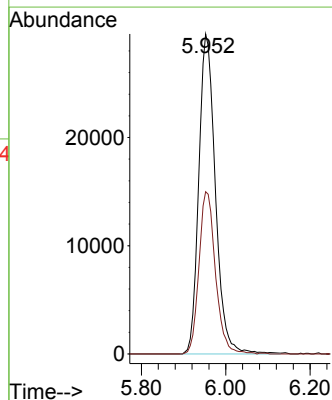
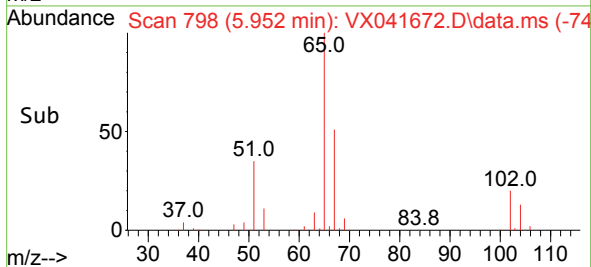
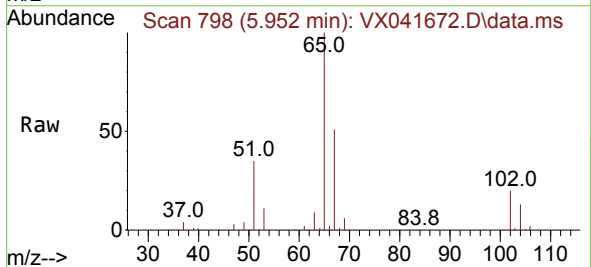


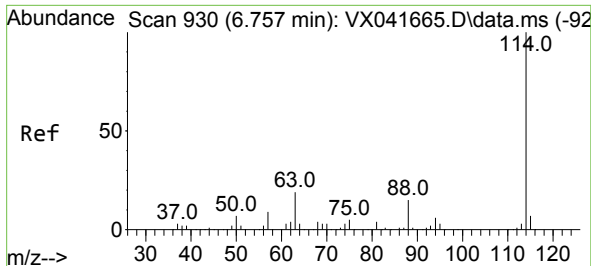
Tgt Ion: 56 Resp: 2601
Ion Ratio Lower Upper
56 100
69 145.8 23.4 35.2#
84 123.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.796 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

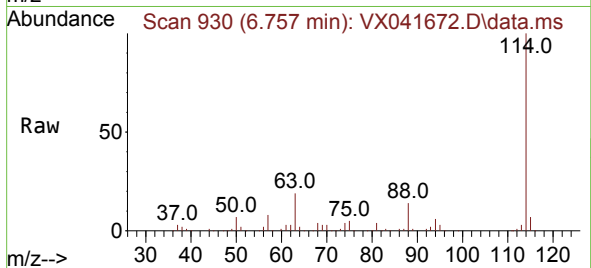
Tgt Ion: 65 Resp: 81120
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2



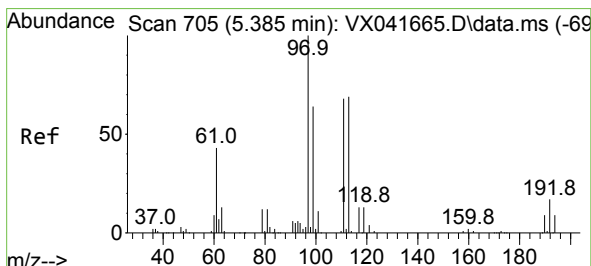
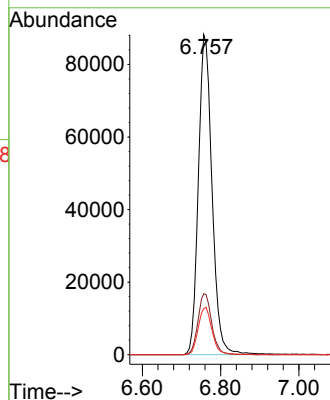
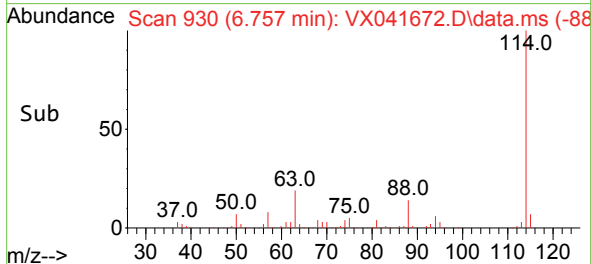


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

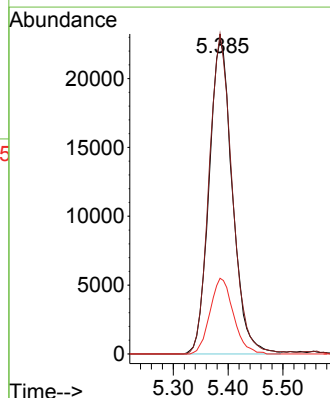
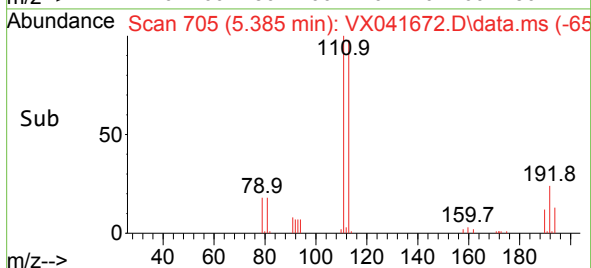
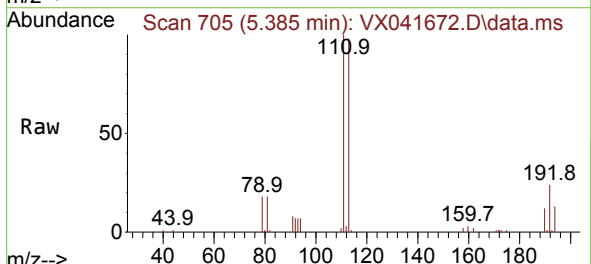


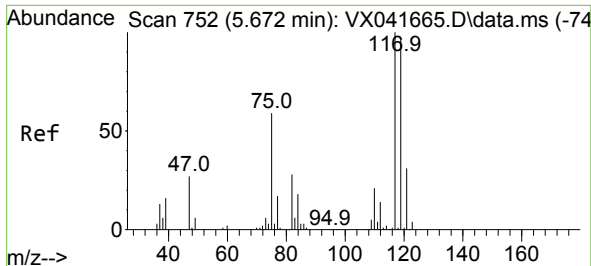
Tgt Ion:114 Resp: 214425
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.363 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

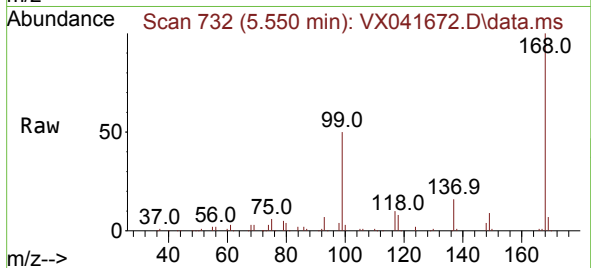
Tgt Ion:113 Resp: 67252
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 24.2 13.3 19.9#



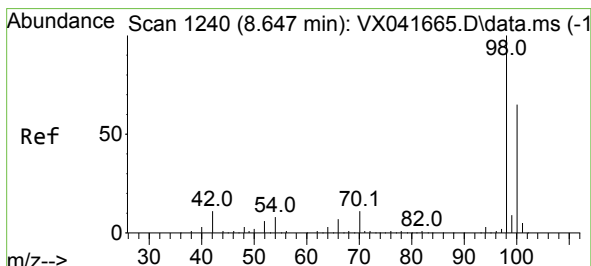
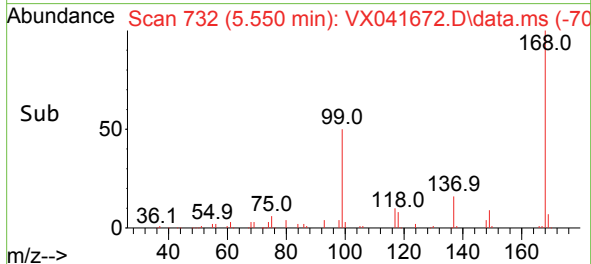
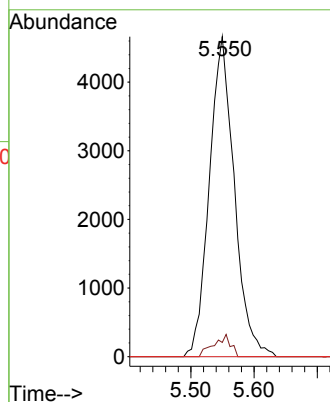


#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

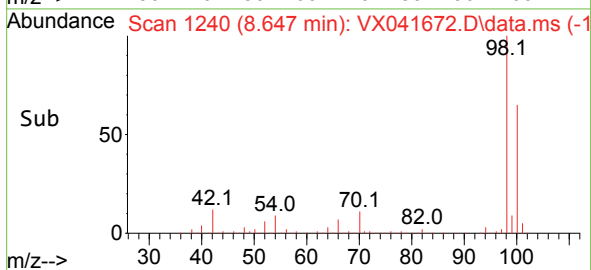
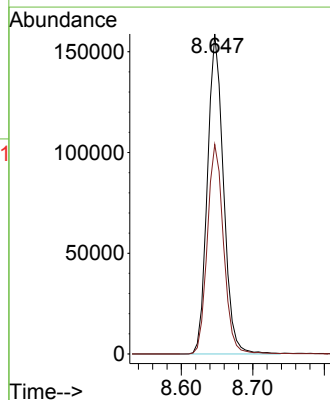
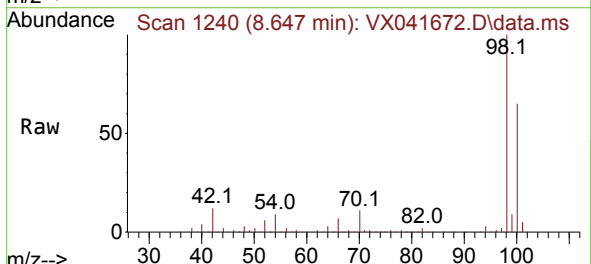


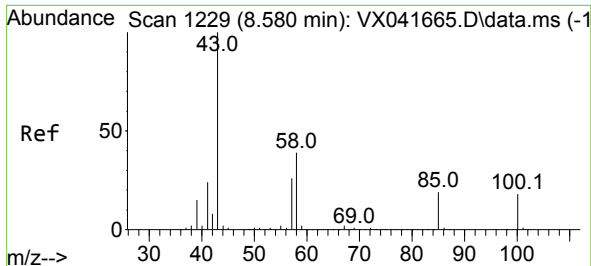
Tgt Ion:117 Resp: 12811
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.789 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Tgt Ion: 98 Resp: 247554
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

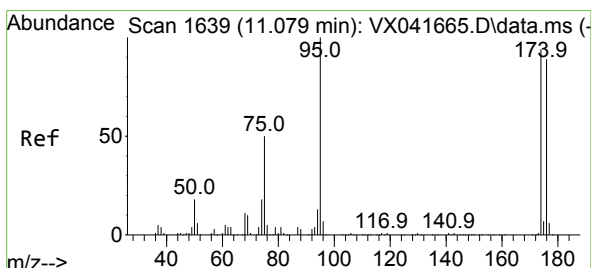
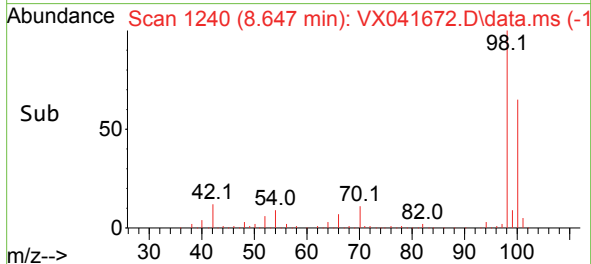
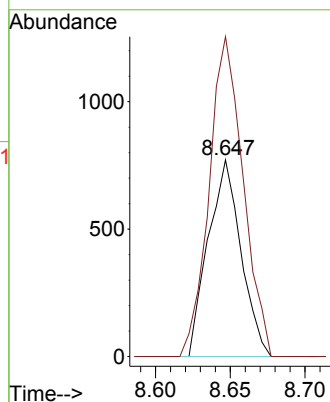
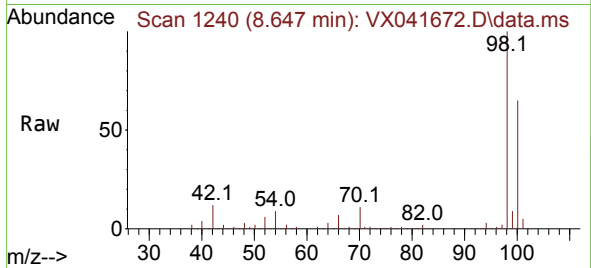




#51
 4-Methyl-2-Pentanone
 Concen: 0.530 ug/l
 RT: 8.647 min Scan# 1176
 Delta R.T. 0.067 min
 Lab File: VX041672.D
 Acq: 29 May 2024 14:29

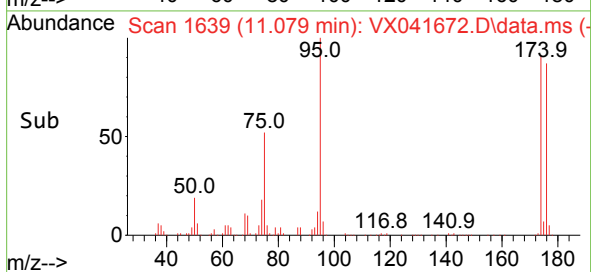
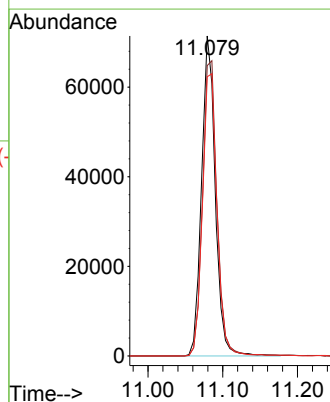
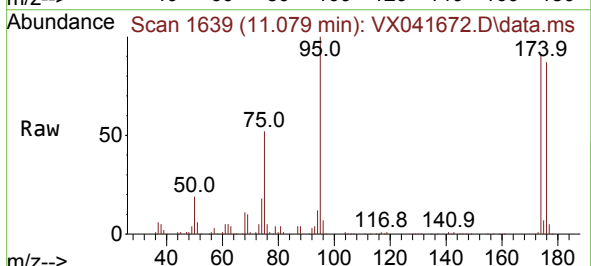
Instrument :
 MSVOA_X
 ClientSampleId :

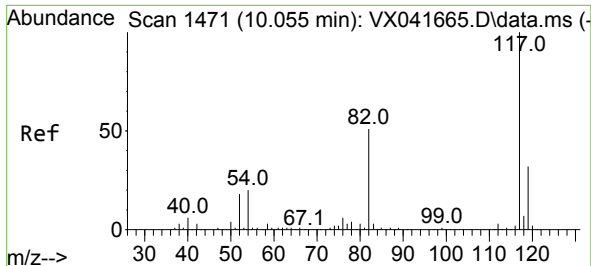
Tgt Ion: 43 Resp: 1176
 Ion Ratio Lower Upper
 43 100
 58 168.9 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 47.701 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX041672.D
 Acq: 29 May 2024 14:29

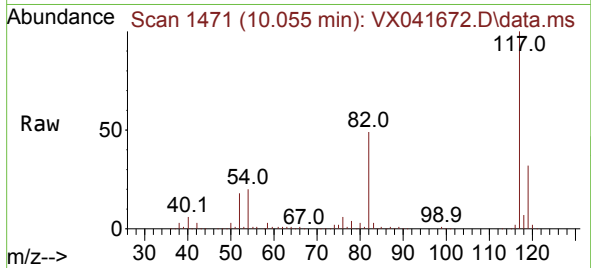
Tgt Ion: 95 Resp: 91199
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 135.6
 176 93.7 0.0 131.0



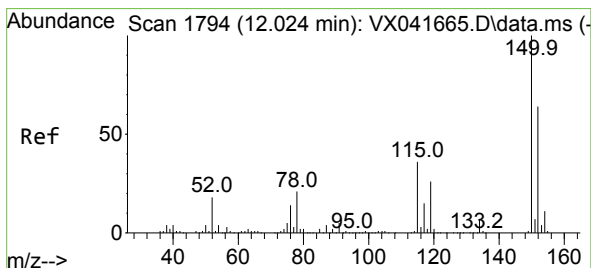
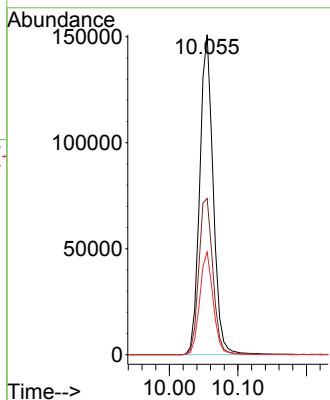
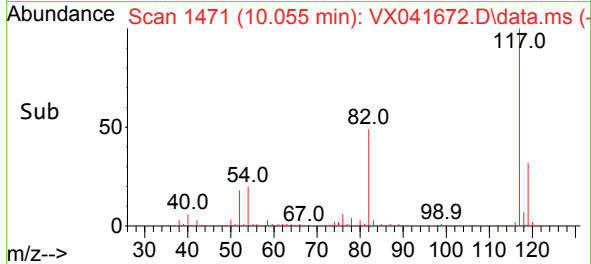


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

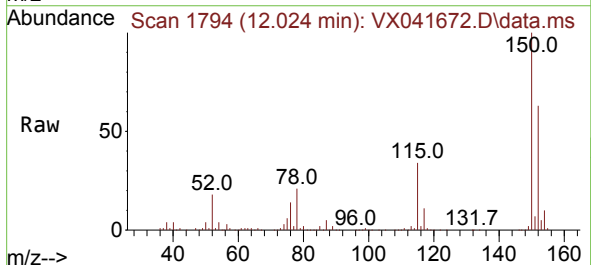
Instrument :
MSVOA_X
ClientSampleId :



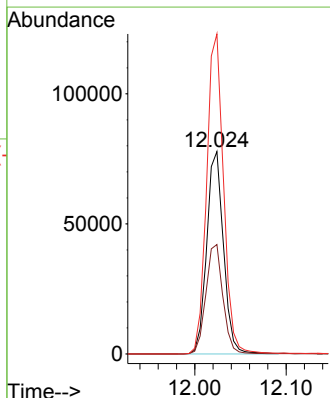
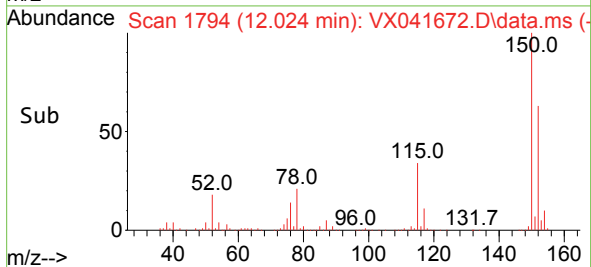
Tgt Ion:117 Resp: 206342
Ion Ratio Lower Upper
117 100
82 48.8 46.2 69.4
119 32.1 25.5 38.3

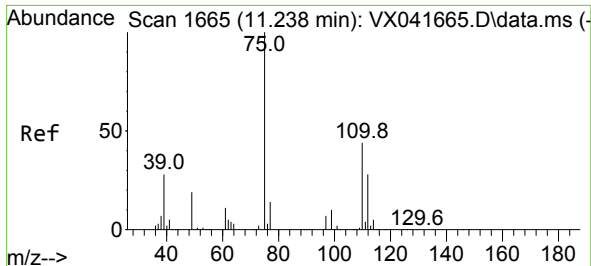


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29



Tgt Ion:152 Resp: 99182
Ion Ratio Lower Upper
152 100
115 55.3 43.3 129.9
150 159.5 0.0 345.0

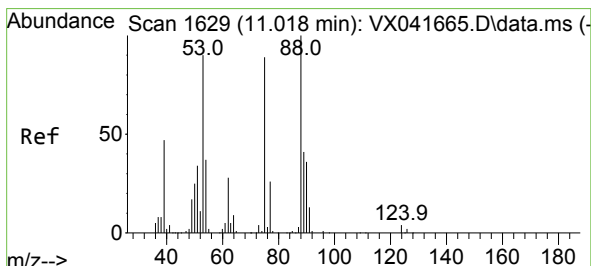
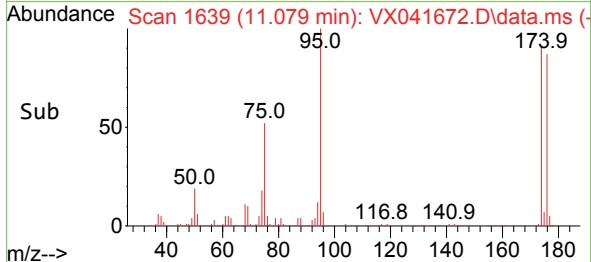
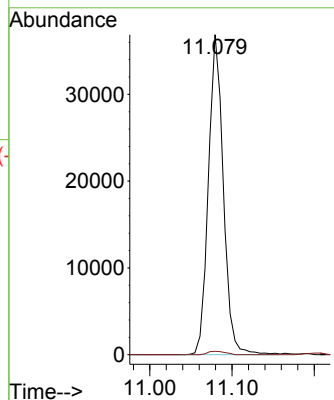
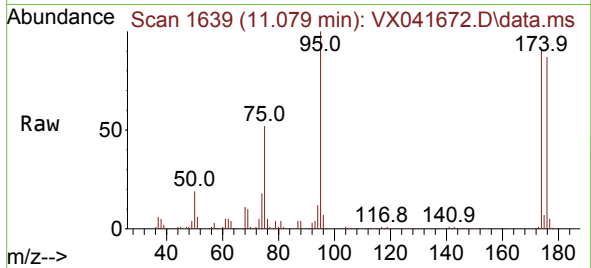




#76
1,2,3-Trichloropropane
Concen: 26.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

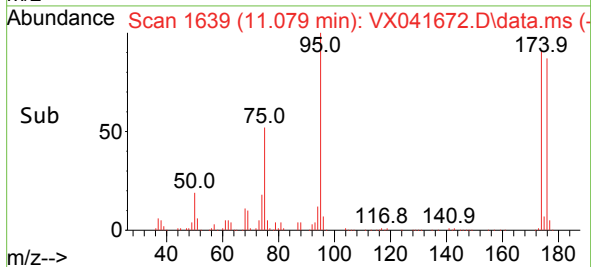
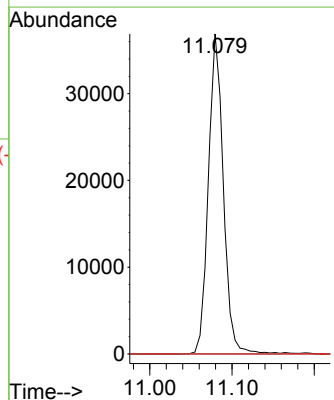
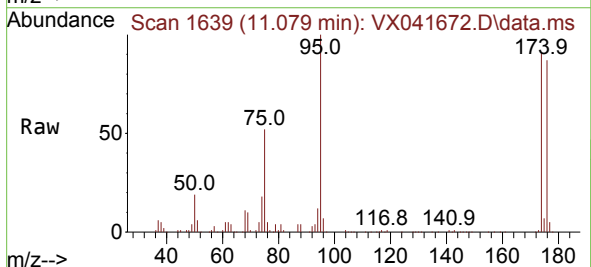
Instrument :
MSVOA_X
ClientSampleId :

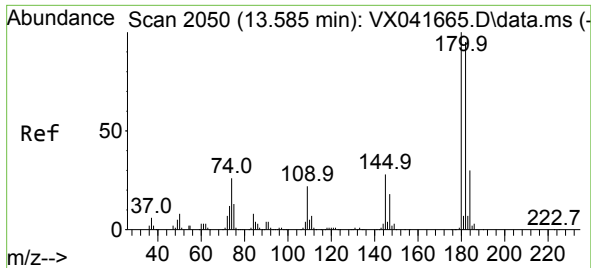
Tgt Ion: 75 Resp: 46605
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041672.D
Acq: 29 May 2024 14:29

Tgt Ion: 75 Resp: 46605
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: 0.216 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

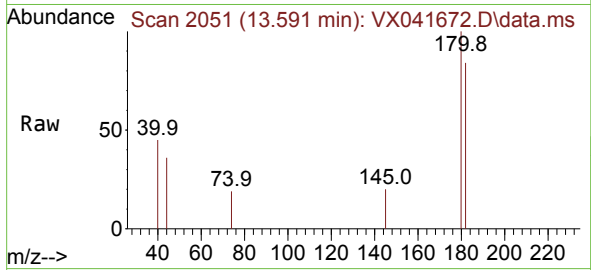
Lab File: VX041672.D

Acq: 29 May 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 471

Ion Ratio Lower Upper

180 100

182 91.7 48.3 144.8

145 19.7 18.0 54.0

