

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028972.D
 Acq On : 26 May 2022 00:46
 Operator : JC/MD
 Sample : N3003-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35S-20220523

Quant Time: May 26 05:50:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

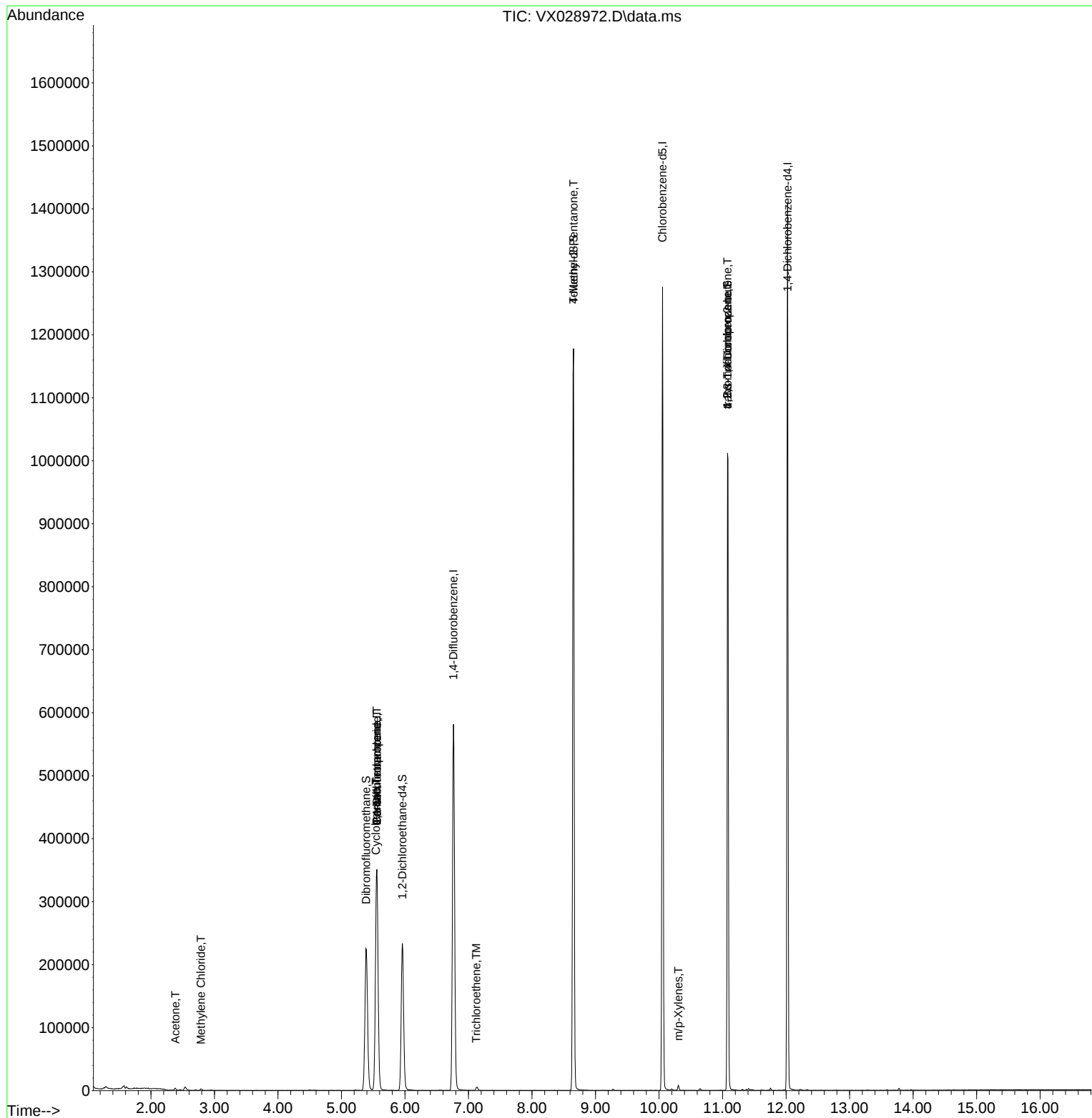
Internal Standards						
1) Pentafluorobenzene	5.556	168	336950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	613136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229518	49.692	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.380%
35) Dibromofluoromethane	5.385	113	200735	49.969	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	8.653	98	728462	48.098	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	292734	51.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1371	Below Cal	#	78
6) Chloroethane	1.690	64	536	Below Cal		89
11) Tert butyl alcohol	2.952	59	275	Below Cal	#	72
16) Acetone	2.386	43	3505	1.768	ug/l	98
20) Methylene Chloride	2.788	84	1156	0.278	ug/l	95
31) Cyclohexane	5.543	56	6587	1.027	ug/l	# 16
36) 1,1-Dichloropropene	5.556	75	25956	4.302	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	34800	5.731	ug/l	# 15
44) Trichloroethene	7.122	130	2011	0.428	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	2804	0.432	ug/l	# 1
68) m/p-Xylenes	10.305	106	1770	0.202	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	143680	21.776	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	143680	63.805	ug/l	# 15

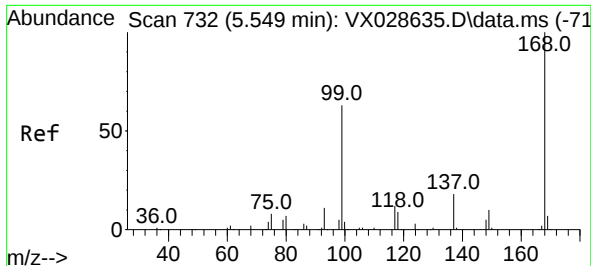
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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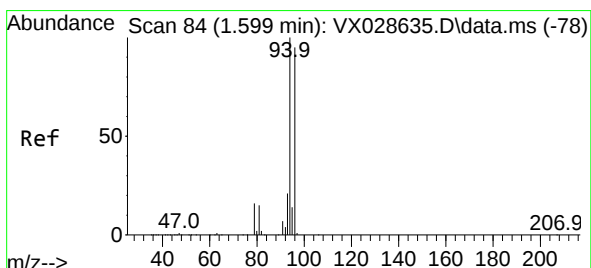
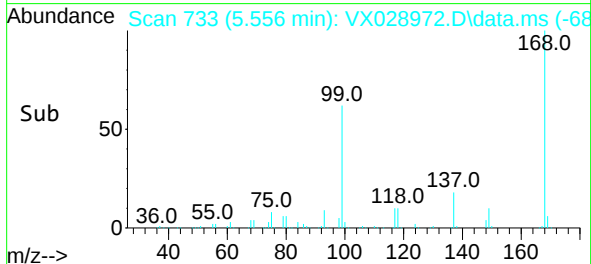
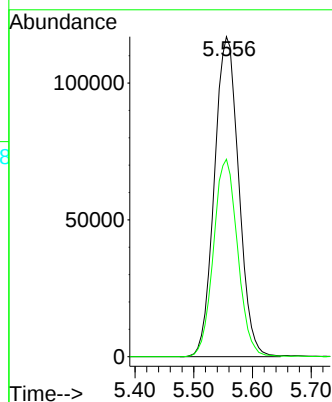
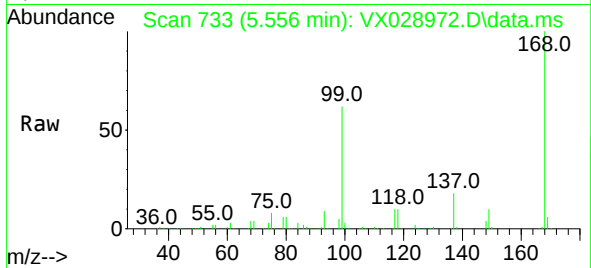




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

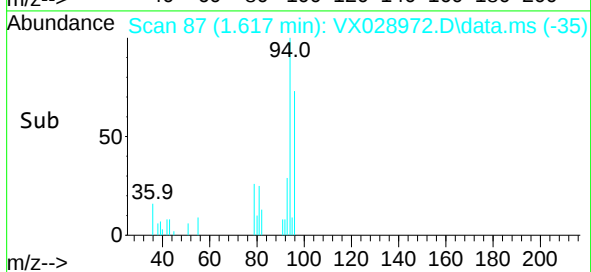
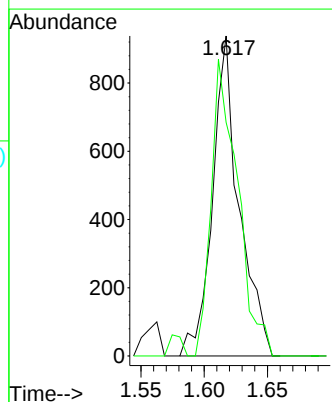
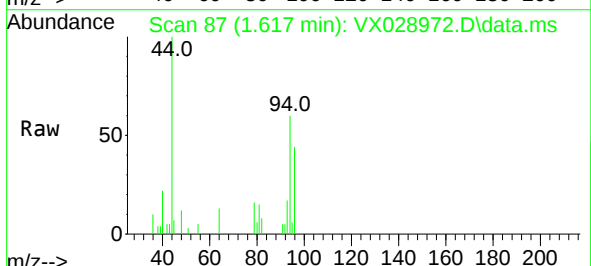
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

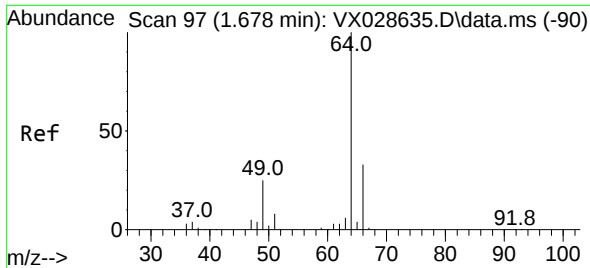
Tgt Ion:168 Resp: 336950
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion: 94 Resp: 1371
Ion Ratio Lower Upper
94 100
96 73.0 75.3 112.9#

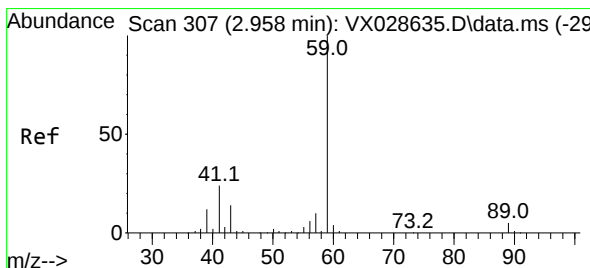
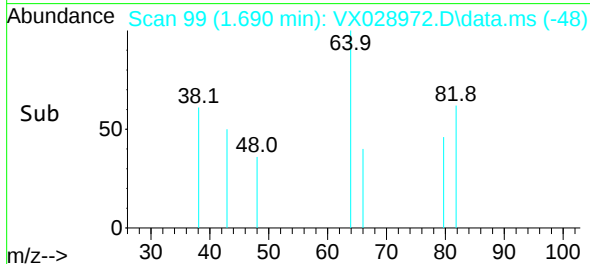
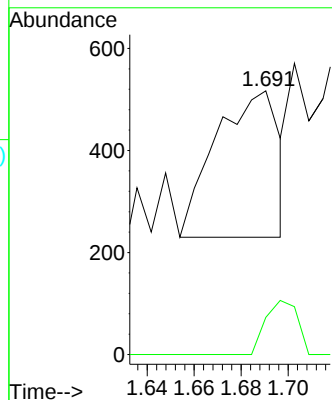
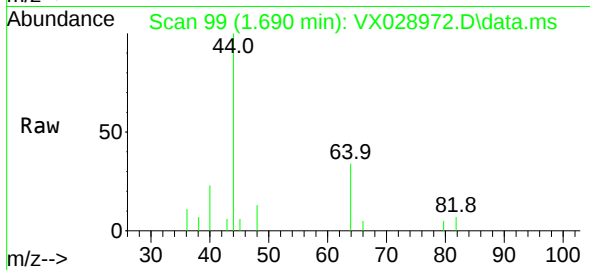




#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

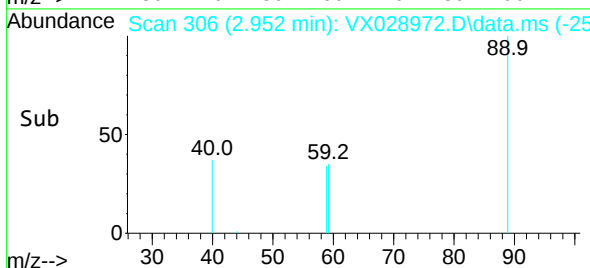
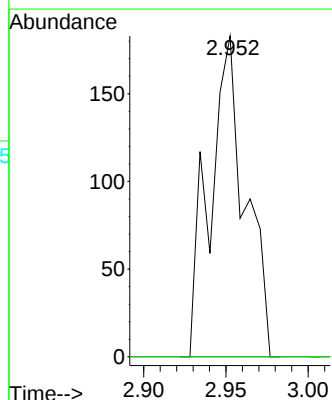
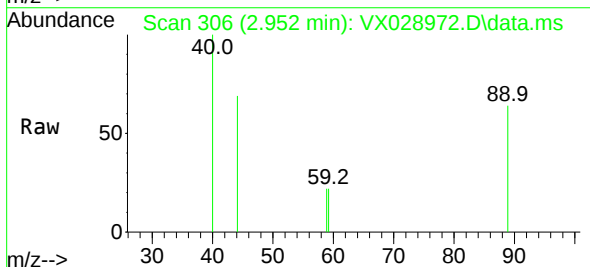
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

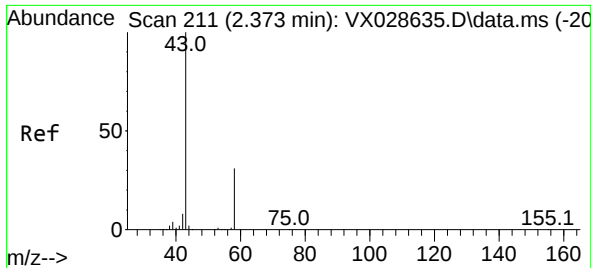
Tgt Ion: 64 Resp: 536
Ion Ratio Lower Upper
64 100
66 25.4 25.3 37.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

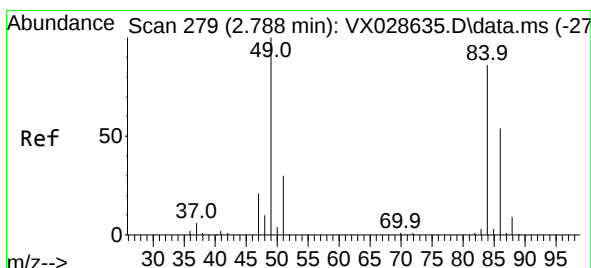
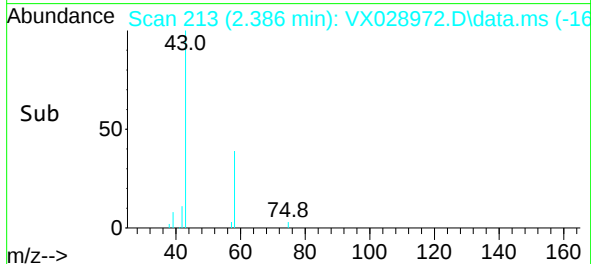
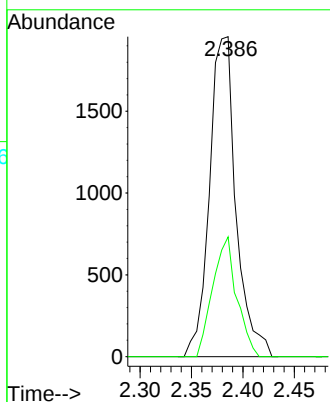
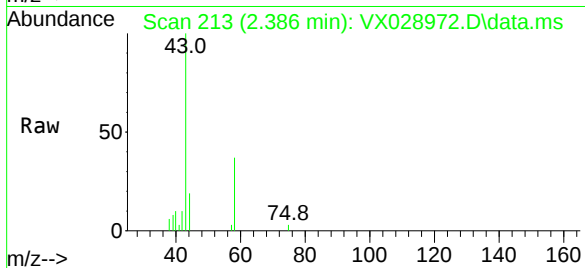




#16
Acetone
Concen: 1.768 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

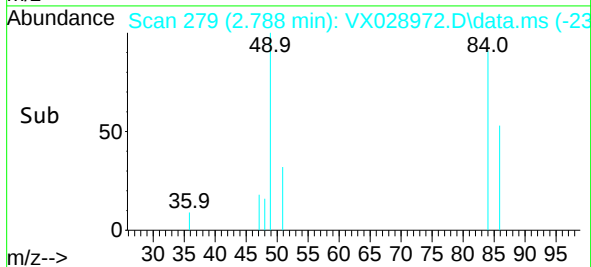
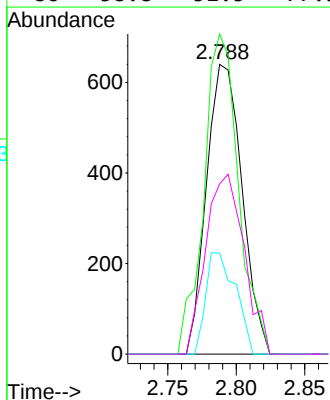
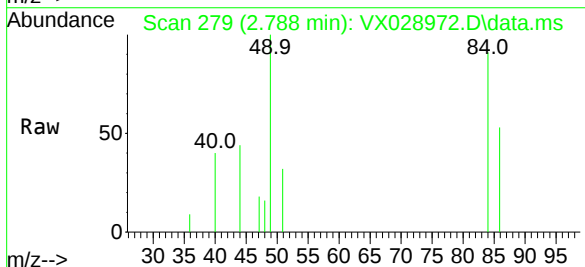
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

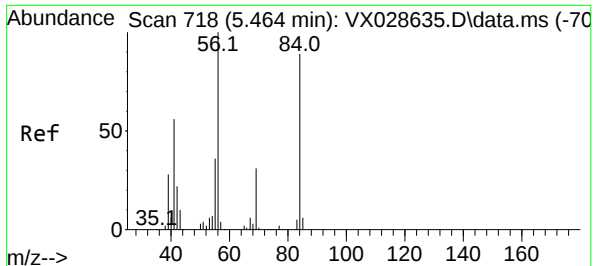
Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
58 37.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

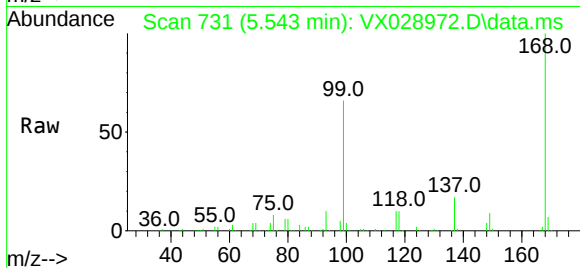
Tgt Ion: 84 Resp: 1156
Ion Ratio Lower Upper
84 100
49 110.5 85.5 128.3
51 34.8 26.6 39.8
86 58.8 51.5 77.3



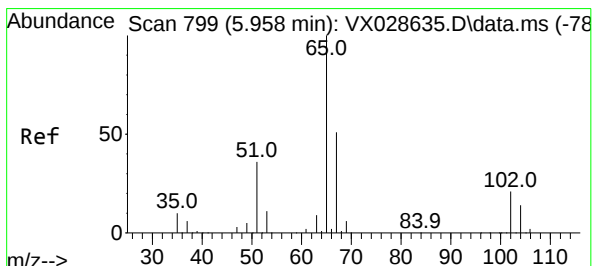
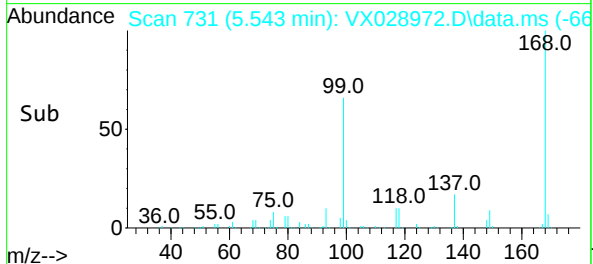
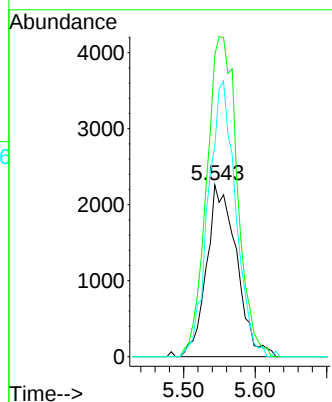


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

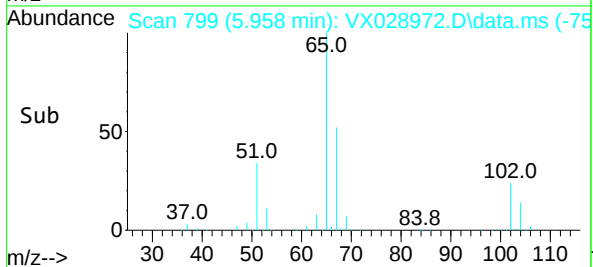
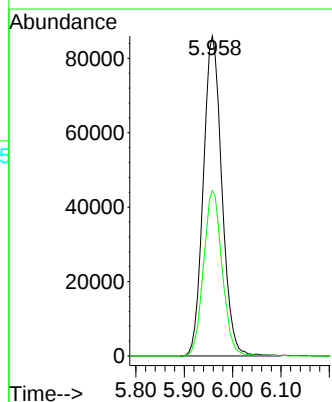
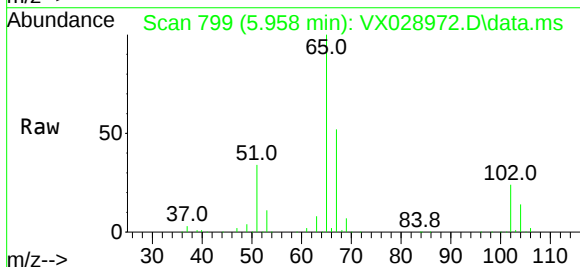


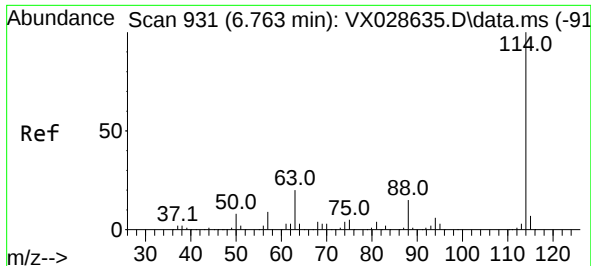
Tgt Ion: 56 Resp: 6587
Ion Ratio Lower Upper
56 100
69 175.5 26.7 40.1#
84 122.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion: 65 Resp: 229518
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

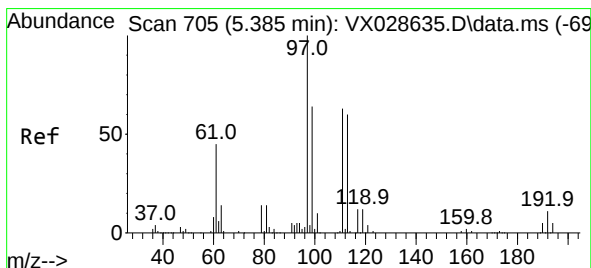
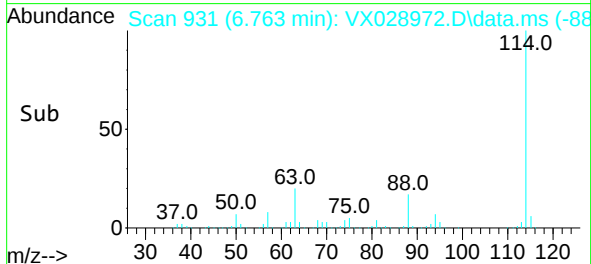
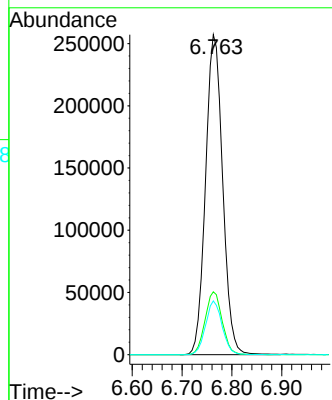
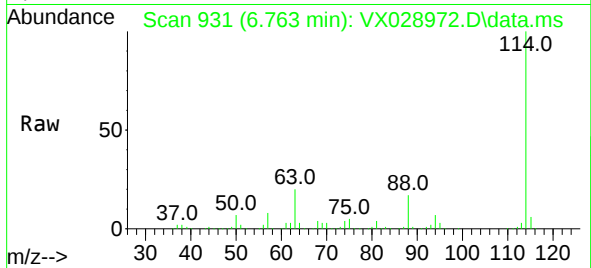




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

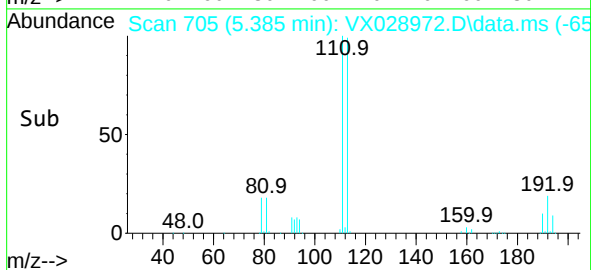
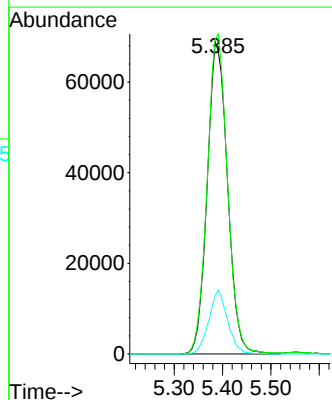
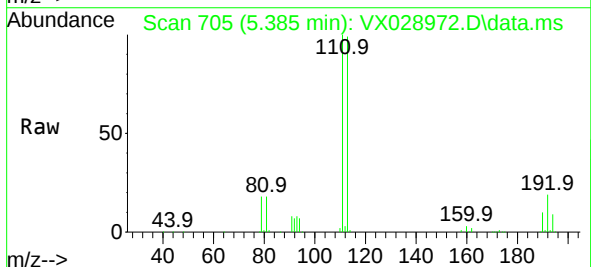
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

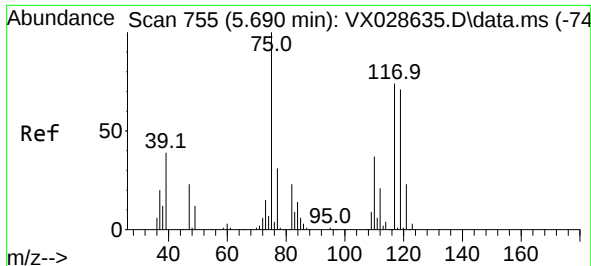
Tgt Ion:114 Resp: 613136
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion:113 Resp: 200735
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.302 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028972.D

Acq: 26 May 2022 00:46

Instrument :

MSVOA_X

ClientSampleId :

35S-20220523

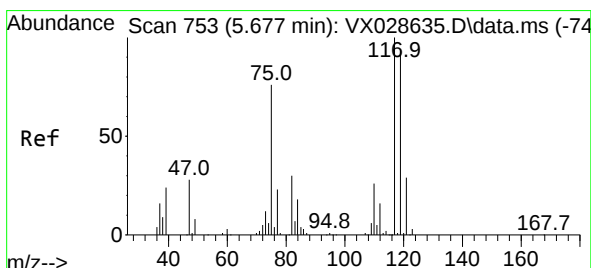
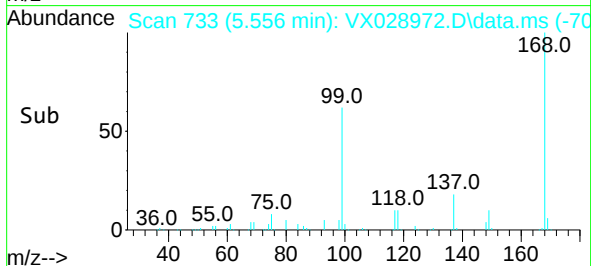
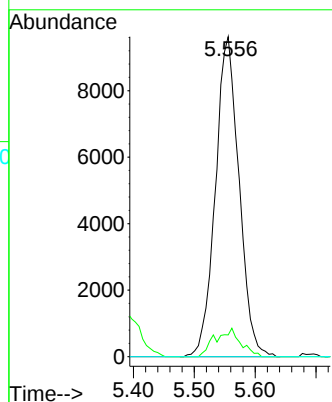
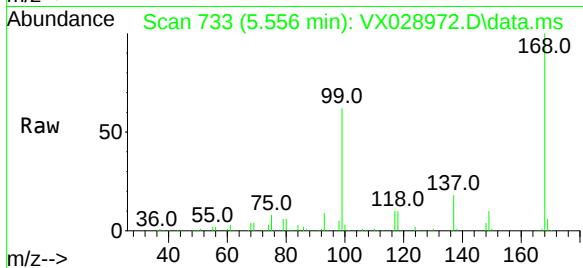
Tgt Ion: 75 Resp: 25956

Ion Ratio Lower Upper

75 100

110 6.8 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.731 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028972.D

Acq: 26 May 2022 00:46

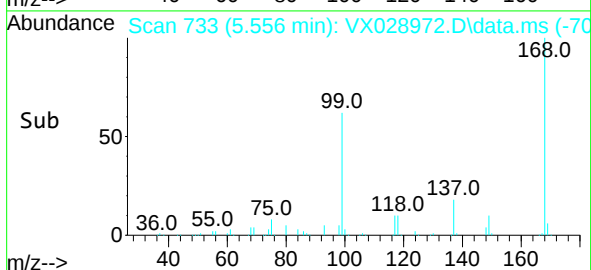
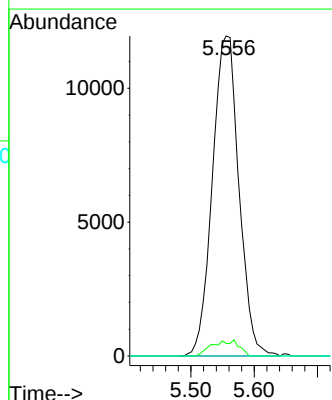
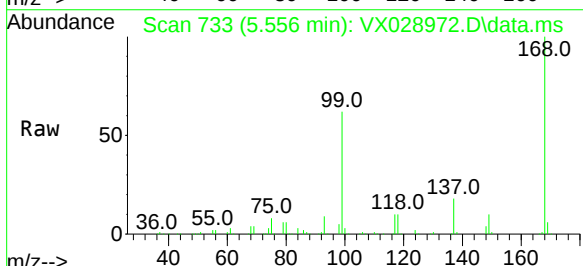
Tgt Ion: 117 Resp: 34800

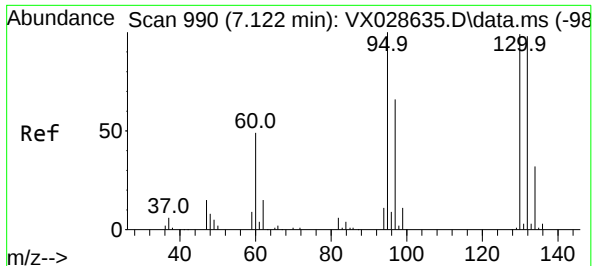
Ion Ratio Lower Upper

117 100

119 3.9 77.3 115.9#

121 0.0 24.2 36.2#

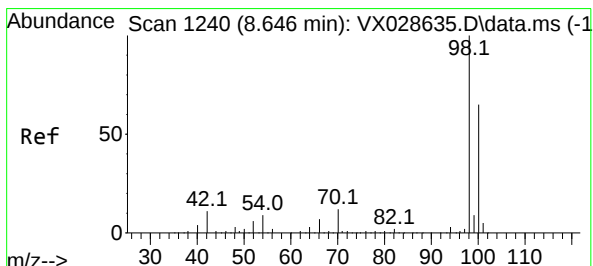
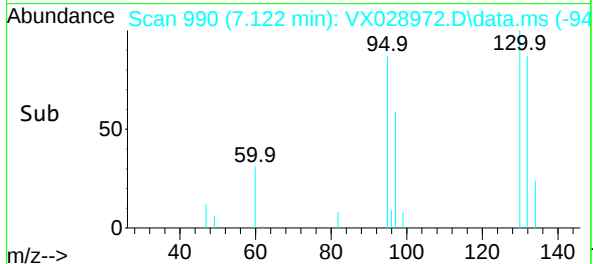
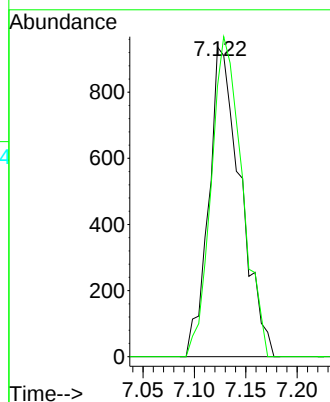
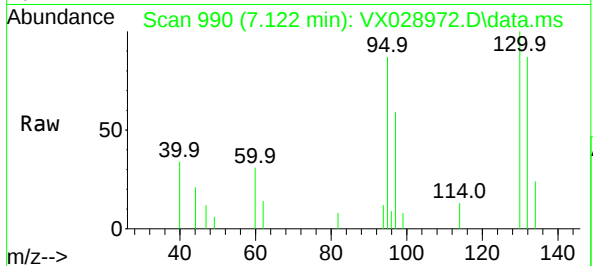




#44
Trichloroethene
Concen: 0.428 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

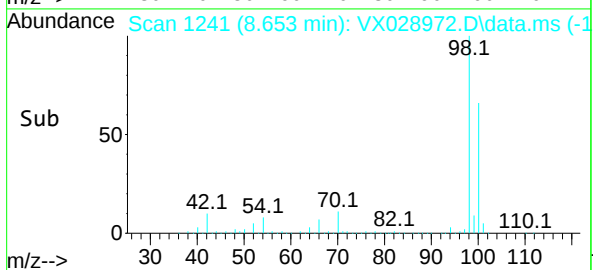
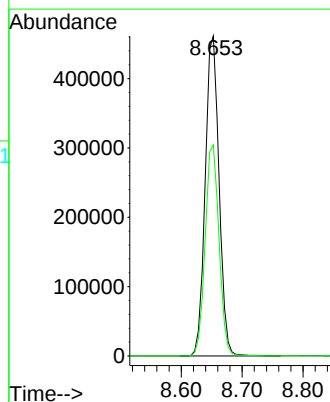
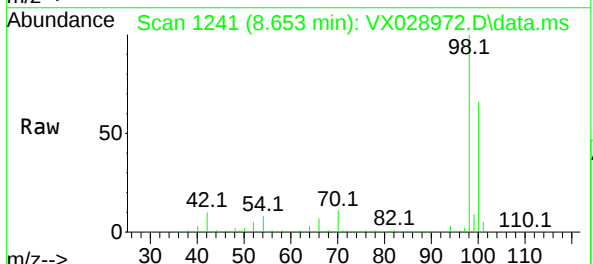
Instrument :
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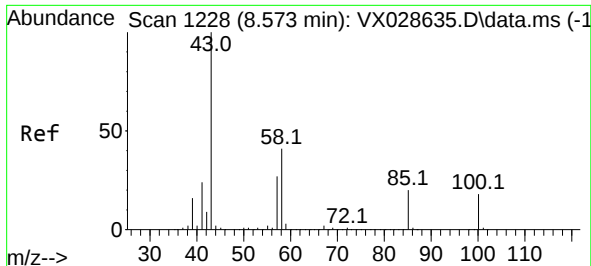
Tgt Ion:130 Resp: 2011
Ion Ratio Lower Upper
130 100
95 87.3 0.0 188.8



#50
Toluene-d8
Concen: 48.098 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion: 98 Resp: 728462
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028972.D

Acq: 26 May 2022 00:46

Instrument :

MSVOA_X

ClientSampleId :

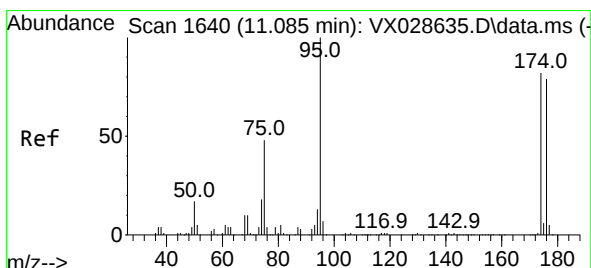
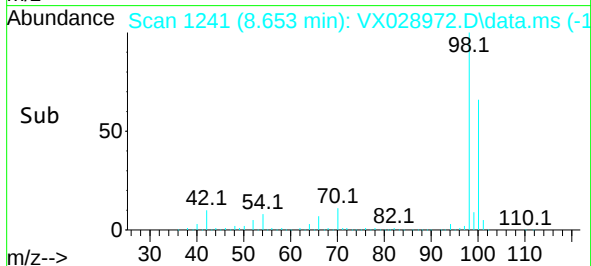
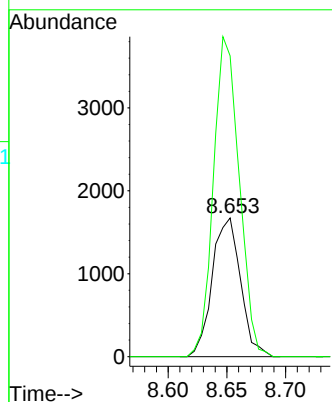
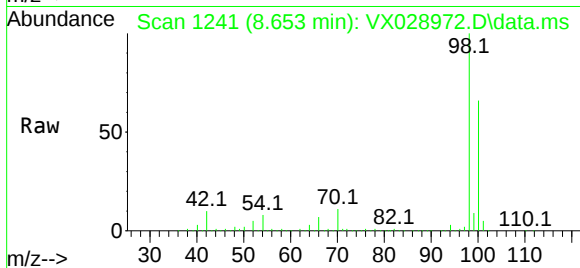
35S-20220523

Tgt Ion: 43 Resp: 2804

Ion Ratio Lower Upper

43 100

58 210.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.748 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028972.D

Acq: 26 May 2022 00:46

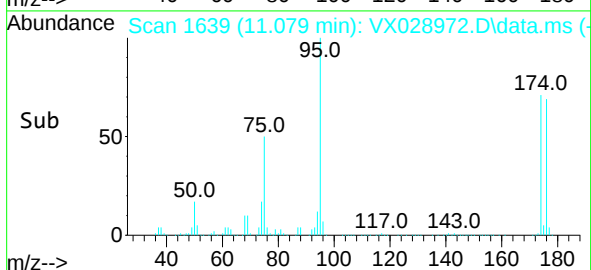
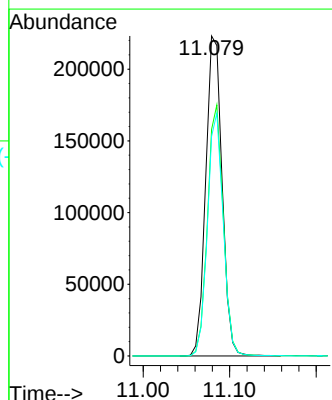
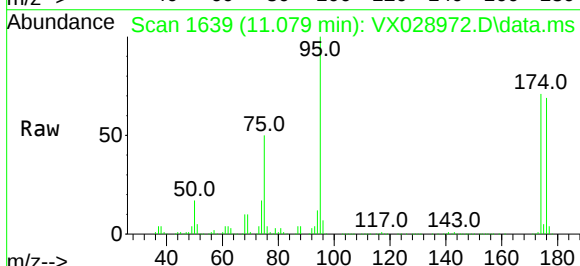
Tgt Ion: 95 Resp: 292734

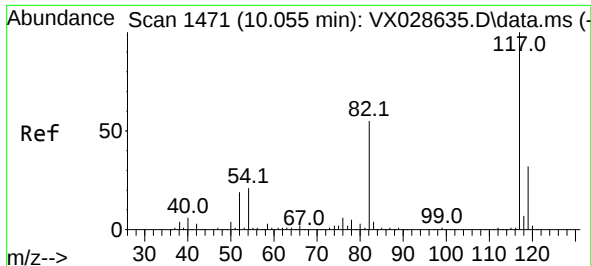
Ion Ratio Lower Upper

95 100

174 75.6 0.0 163.0

176 73.3 0.0 155.0

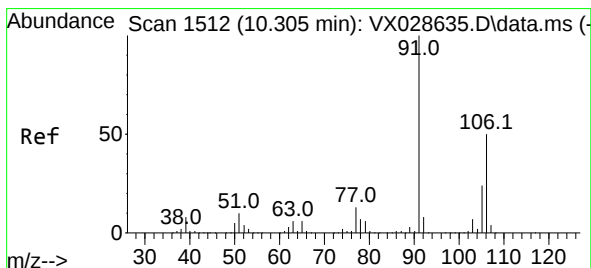
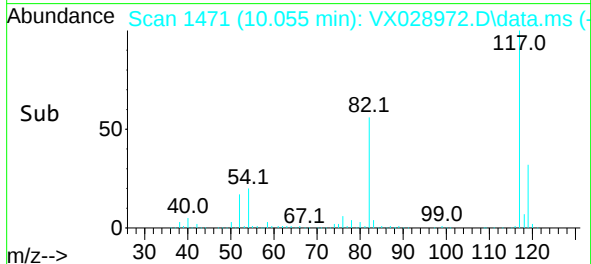
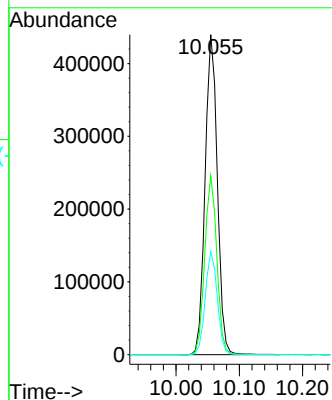
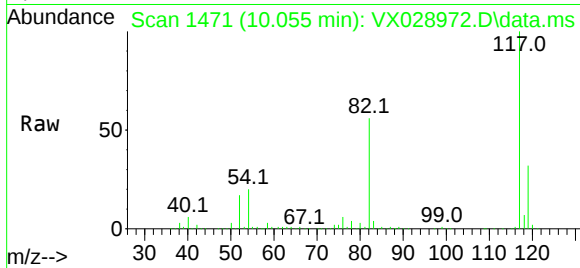




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

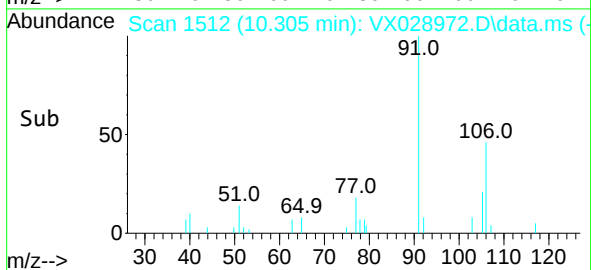
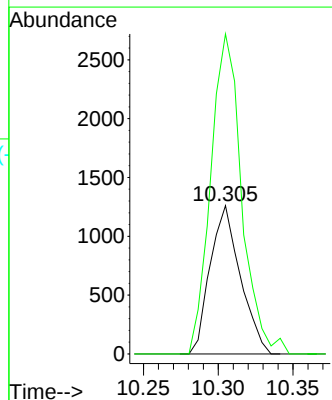
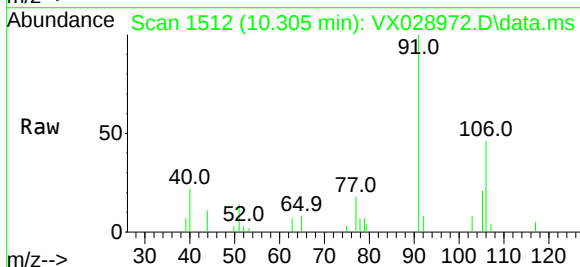
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

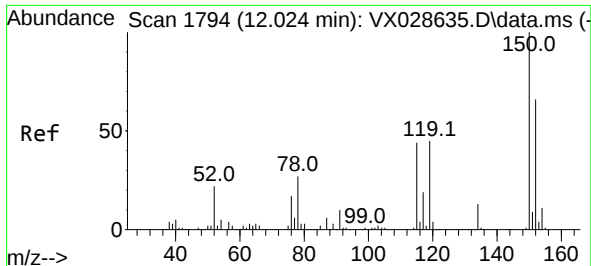
Tgt Ion:117 Resp: 592969
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.3 24.8 37.2



#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion:106 Resp: 1770
Ion Ratio Lower Upper
106 100
91 221.1 160.4 240.6

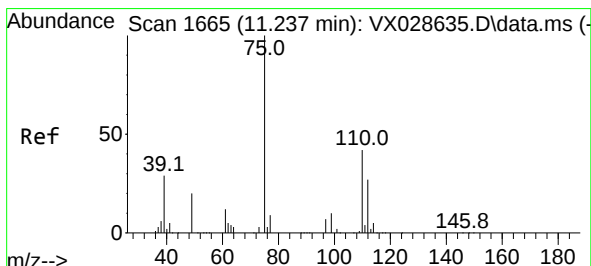
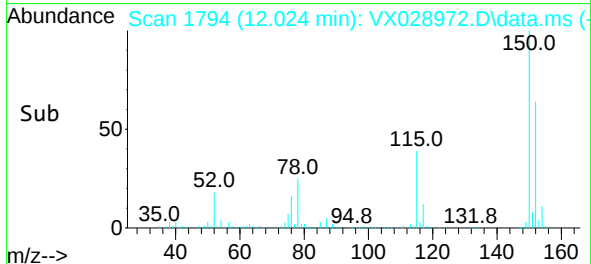
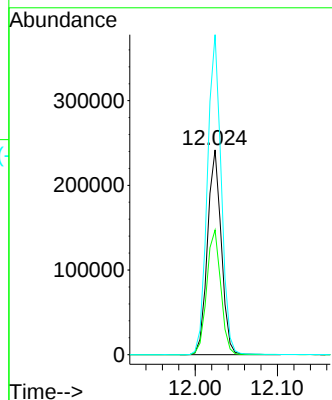
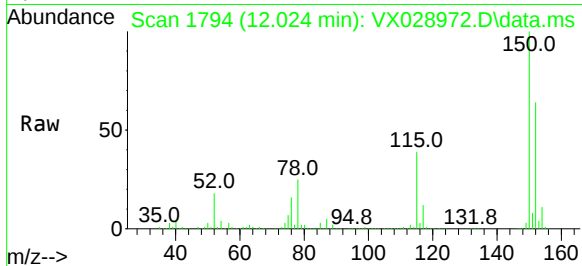




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

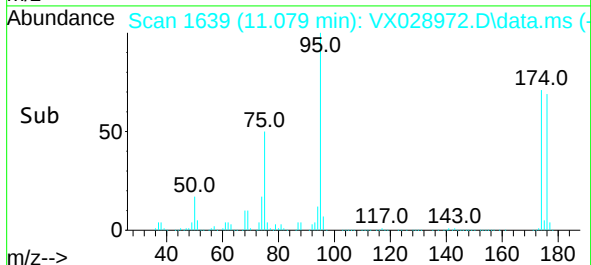
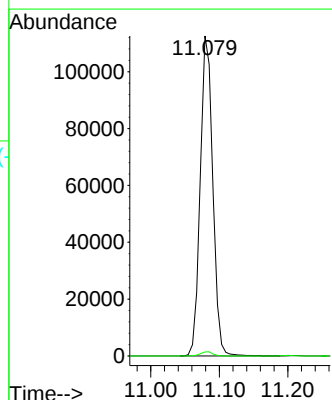
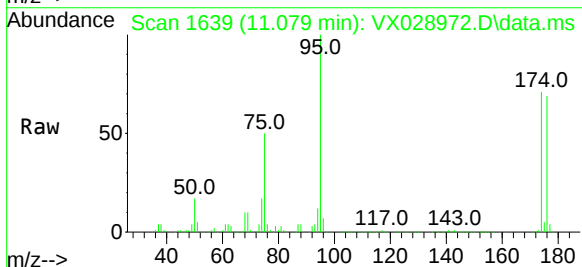
Instrument :
MSVOA_X
ClientSampleId :
35S-20220523

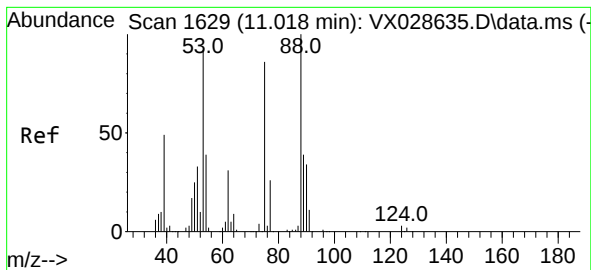
Tgt Ion:152 Resp: 281741
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 157.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028972.D
Acq: 26 May 2022 00:46

Tgt Ion: 75 Resp: 143680
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.805 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028972.D
 Acq: 26 May 2022 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 35S-20220523

Tgt Ion: 75 Resp: 143680
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

