

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023030.D
 Acq On : 30 Jun 2021 13:46
 Operator : JC/MD
 Sample : M2872-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

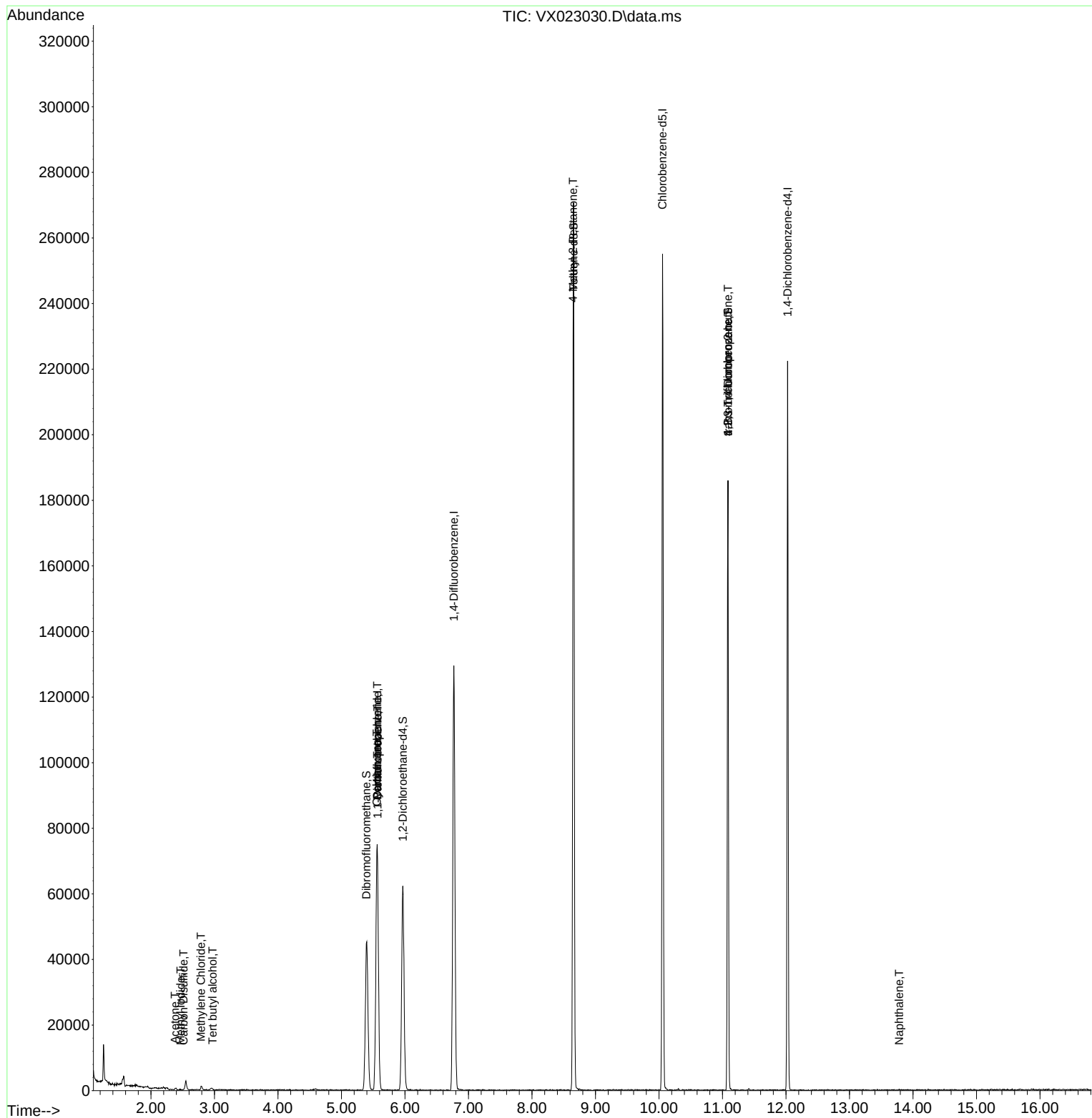
Internal Standards						
1) Pentafluorobenzene	5.562	168	55590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60885	60.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	120.700%#
35) Dibromofluoromethane	5.391	113	38354	52.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.040%
50) Toluene-d8	8.653	98	145248	50.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.085	95	47362	43.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.840%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.465	142	62	3.945	ug/l	# 42
11) Tert butyl alcohol	2.971	59	450	2.140	ug/l	# 73
16) Acetone	2.380	43	626	1.400	ug/l	# 40
17) Carbon Disulfide	2.514	76	150	3.587	ug/l	# 75
20) Methylene Chloride	2.788	84	537	0.973	ug/l	# 73
31) Cyclohexane	5.556	56	2025	1.422	ug/l	# 28
36) 1,1-Dichloropropene	5.568	75	6961	5.644	ug/l	# 41
38) Carbon Tetrachloride	5.562	117	7471	7.222	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	785	0.549	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	27275	28.259	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27275	72.900	ug/l	# 12
95) Naphthalene	13.780	128	196	1.986	ug/l	# 69

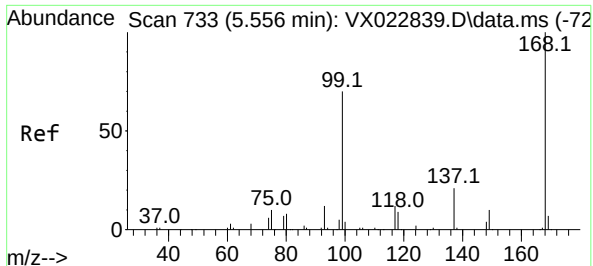
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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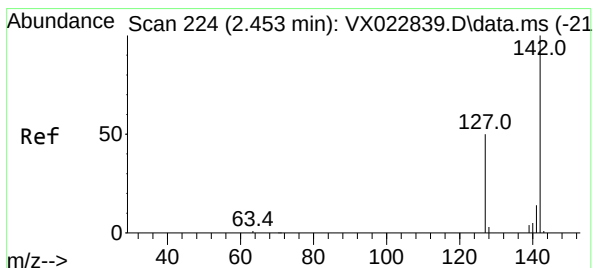
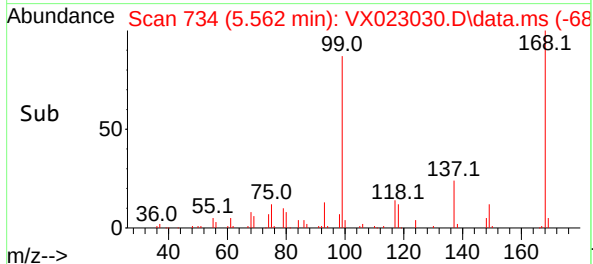
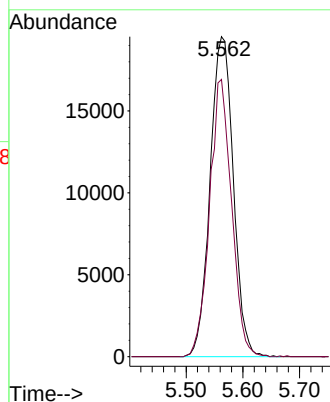
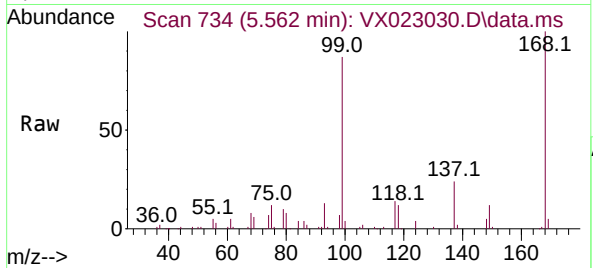




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

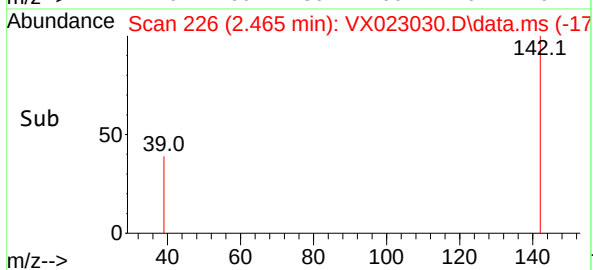
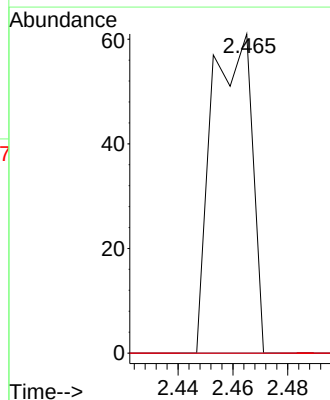
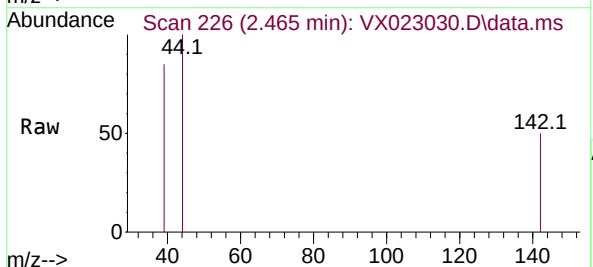
Instrument :
MSVOA_X
ClientSampleId :

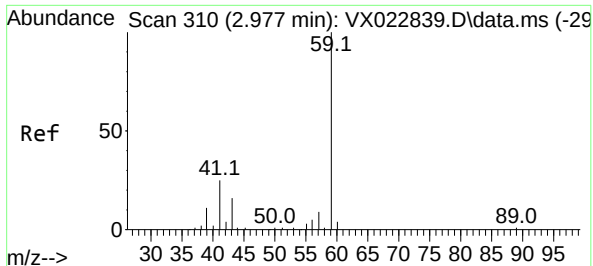
Tgt Ion:168 Resp: 55590
Ion Ratio Lower Upper
168 100
99 86.7 45.8 68.6#



#10
Methyl Iodide
Concen: 3.945 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



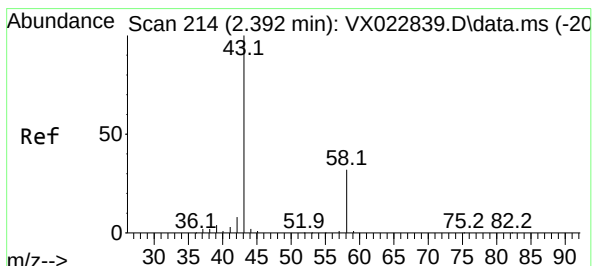
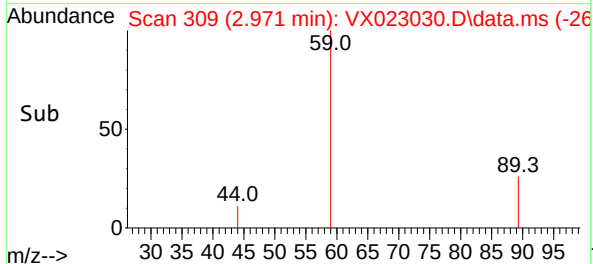
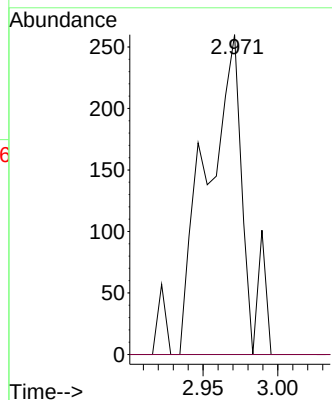
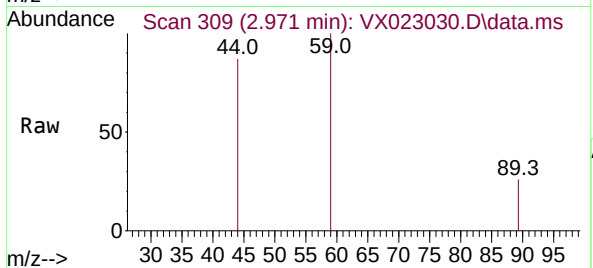


#11

Tert butyl alcohol
Concen: 2.140 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Instrument :
MSVOA_X
ClientSampled :

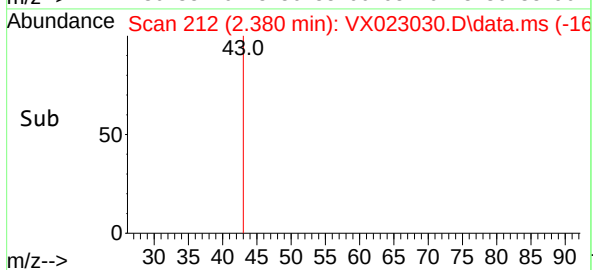
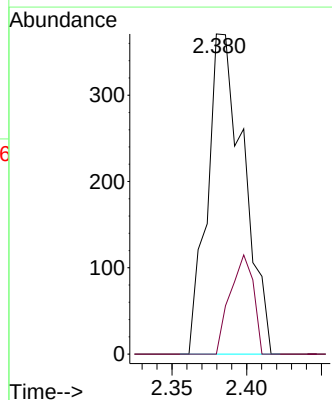
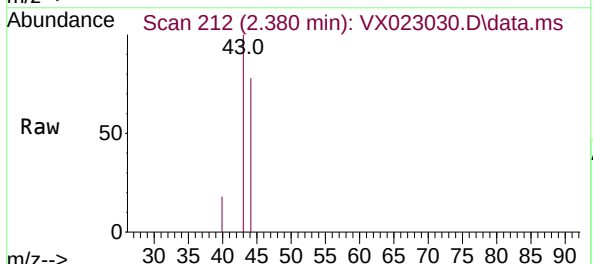
Tgt Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

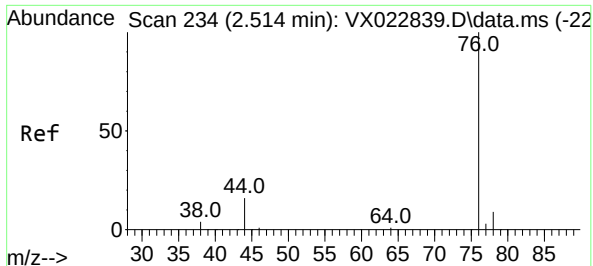


#16

Acetone
Concen: 1.400 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

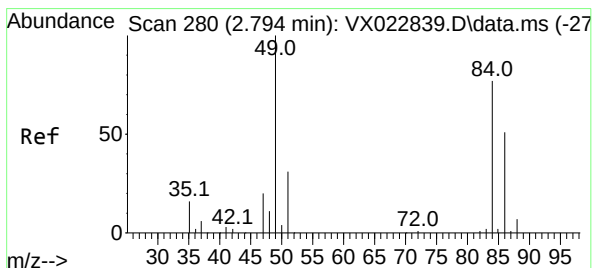
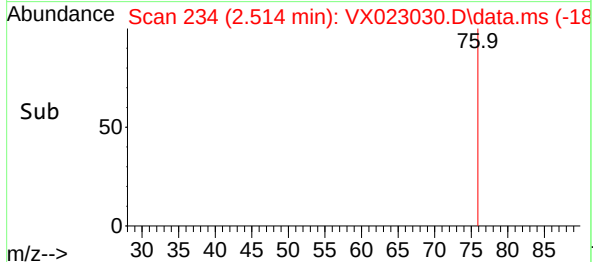
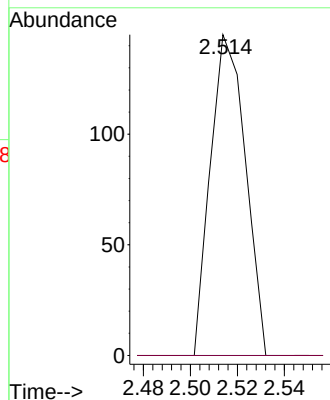
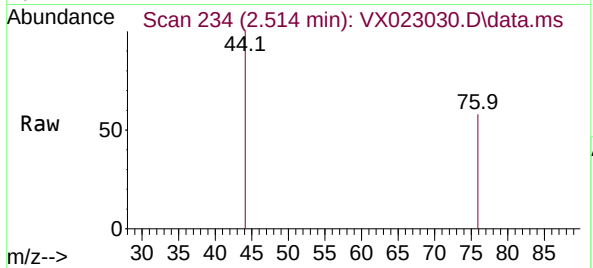




#17
Carbon Disulfide
Concen: 3.587 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

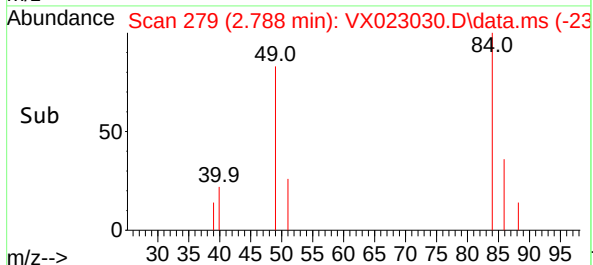
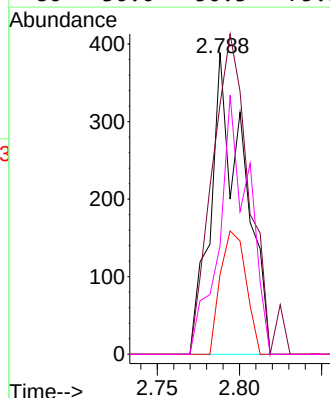
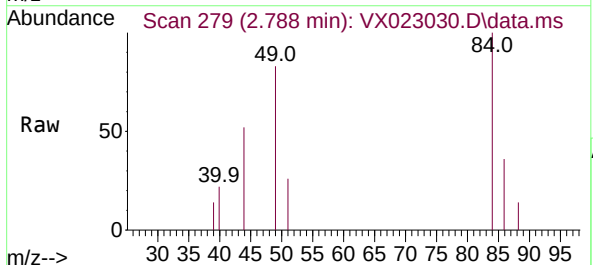
Instrument :
MSVOA_X
ClientSampled :

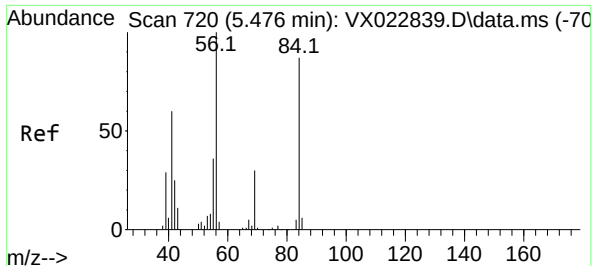
Tgt Ion: 76 Resp: 150
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.973 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

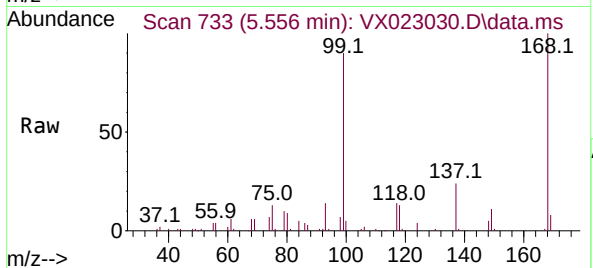
Tgt Ion: 84 Resp: 537
Ion Ratio Lower Upper
84 100
49 82.8 88.6 132.8#
51 26.5 27.0 40.6#
86 36.0 50.3 75.5#



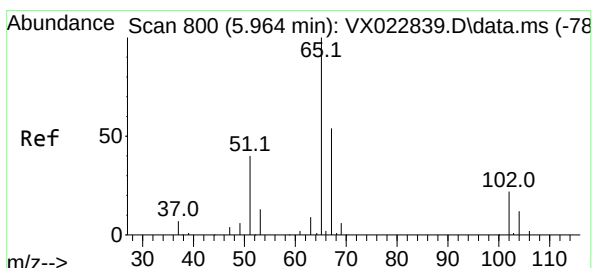
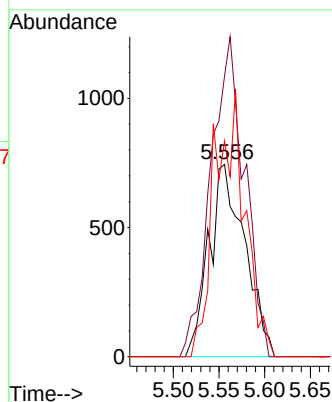
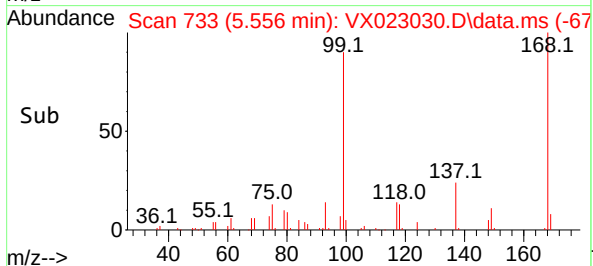


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

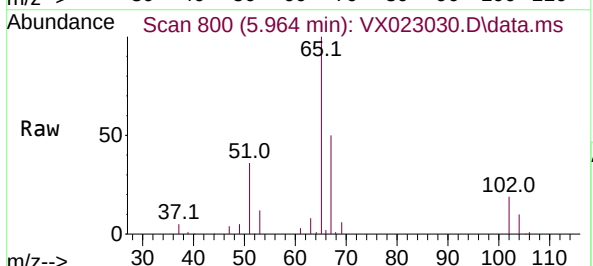
Instrument :
MSVOA_X
ClientSampleId :



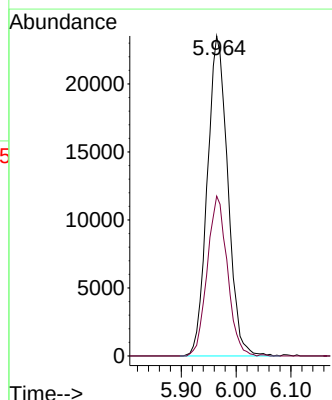
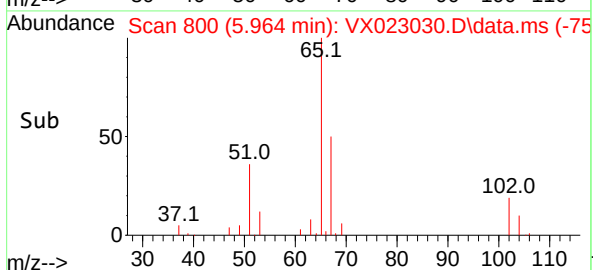
Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 145.8 25.3 37.9#
84 112.1 71.4 107.0#

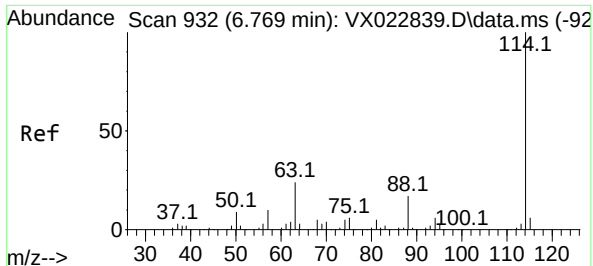


#33
1,2-Dichloroethane-d4
Concen: 60.351 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46



Tgt Ion: 65 Resp: 60885
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4

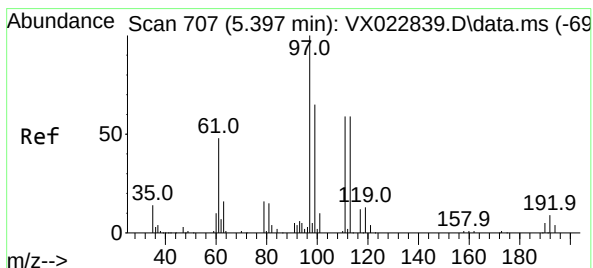
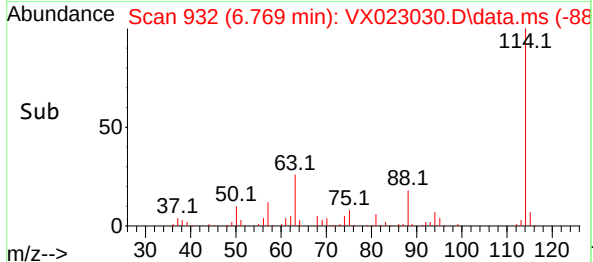
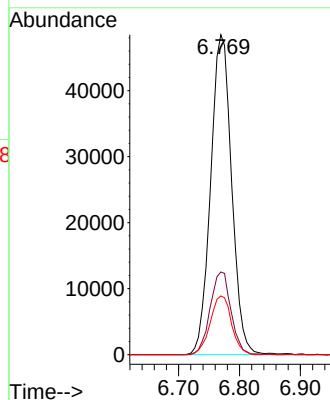
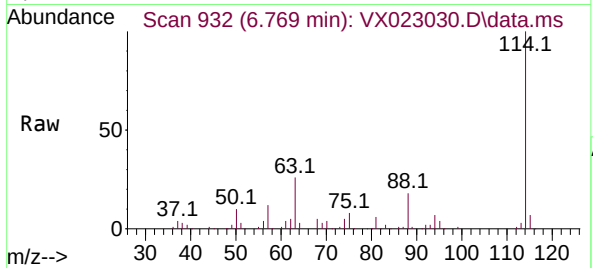




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

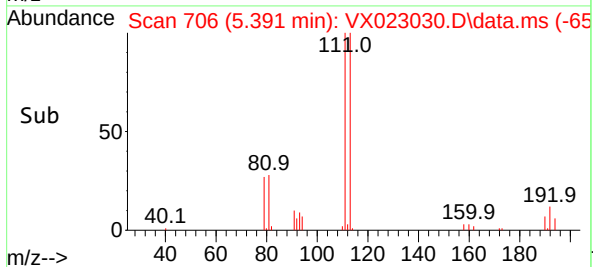
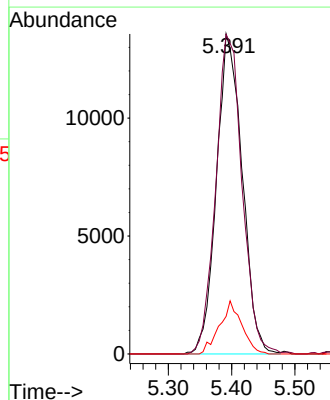
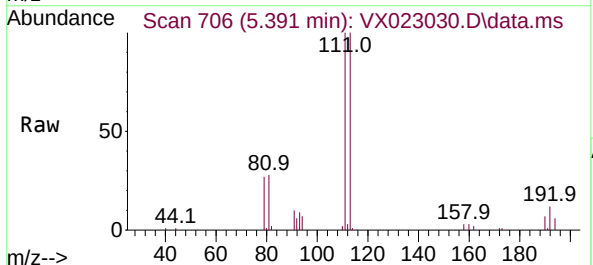
Instrument :
MSVOA_X
ClientSampled :

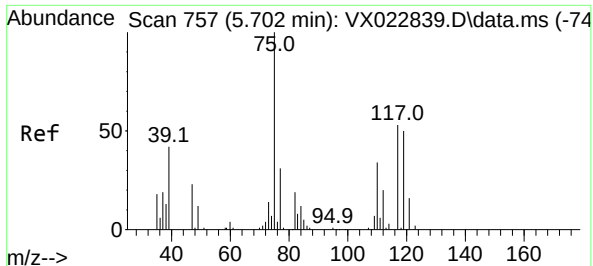
Tgt Ion:114 Resp: 116111
Ion Ratio Lower Upper
114 100
63 25.8 0.0 40.8
88 18.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.017 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion:113 Resp: 38354
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 14.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.644 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023030.D

Acq: 30 Jun 2021 13:46

Tgt Ion: 75 Resp: 6961

Ion Ratio Lower Upper

75 100

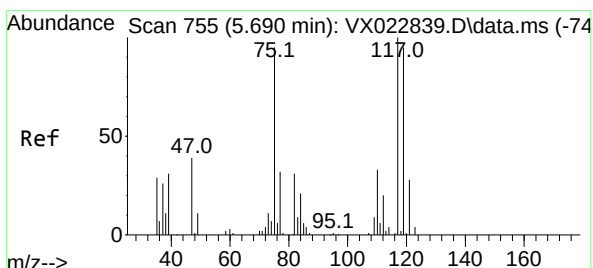
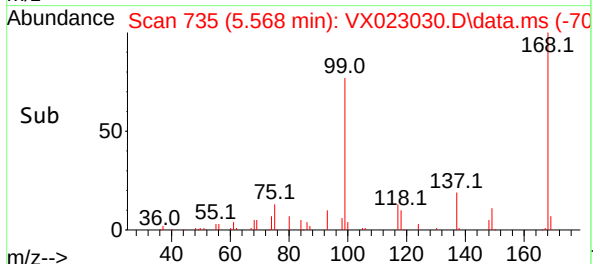
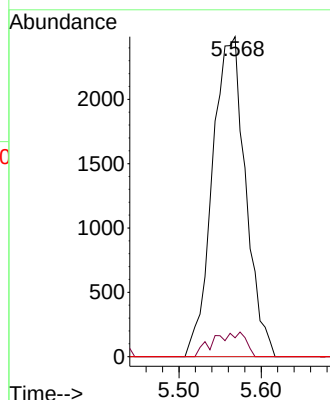
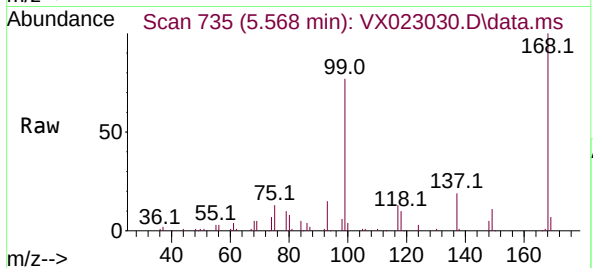
110 0.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.222 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX023030.D

Acq: 30 Jun 2021 13:46

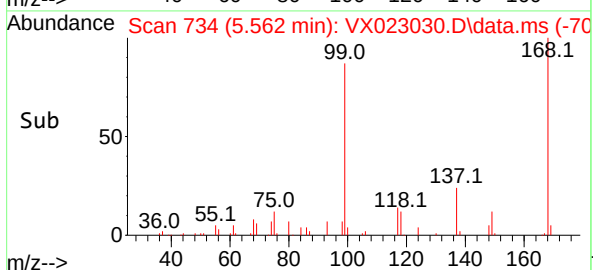
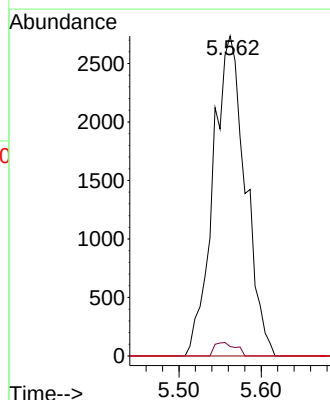
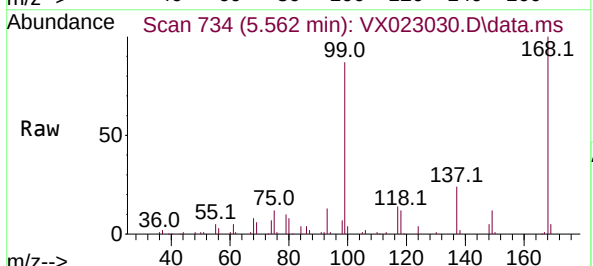
Tgt Ion: 117 Resp: 7471

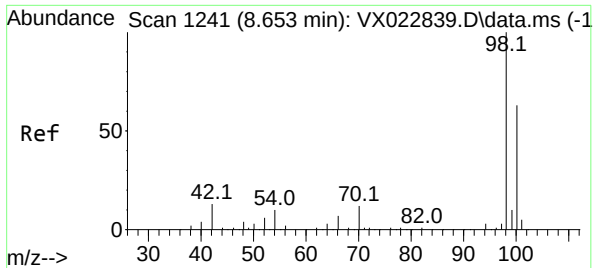
Ion Ratio Lower Upper

117 100

119 3.0 76.2 114.2#

121 0.0 24.8 37.2#

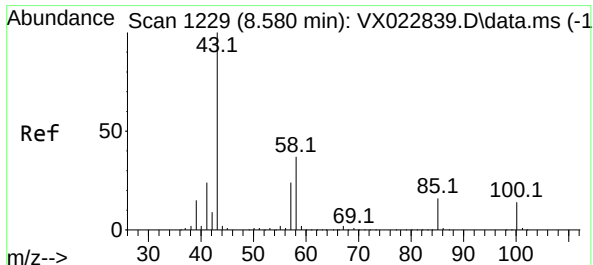
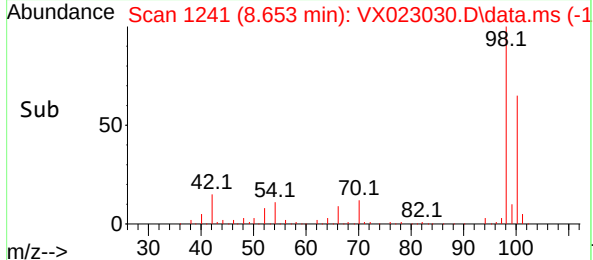
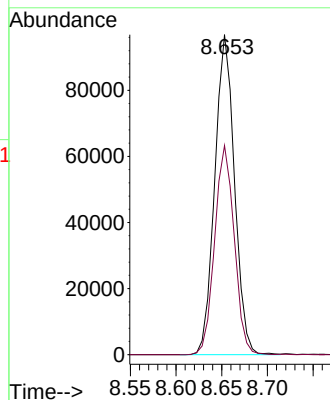
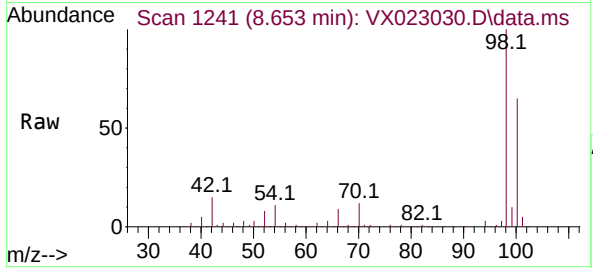




#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

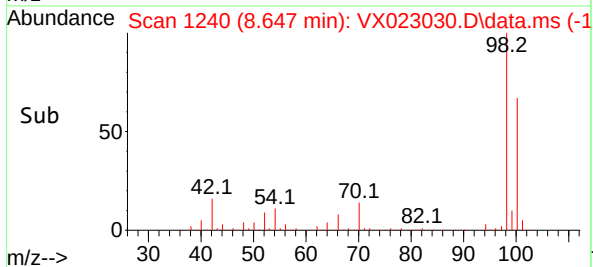
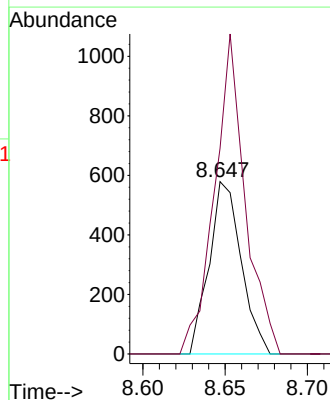
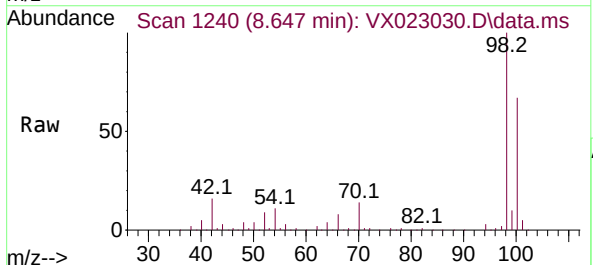
Instrument :
MSVOA_X
ClientSampled :

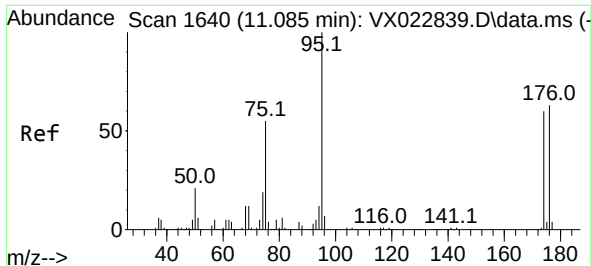
Tgt Ion: 98 Resp: 145248
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 177.7 35.4 53.0#

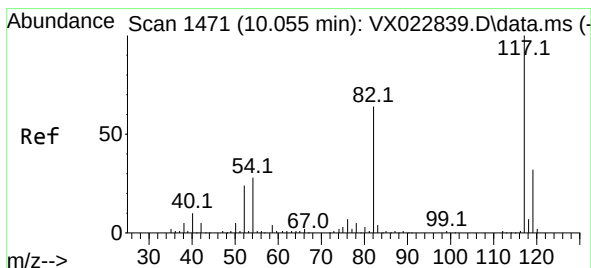
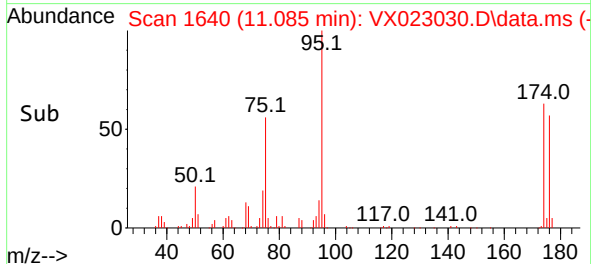
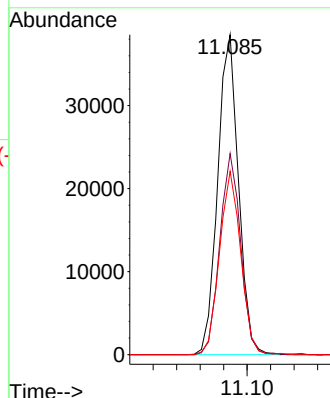
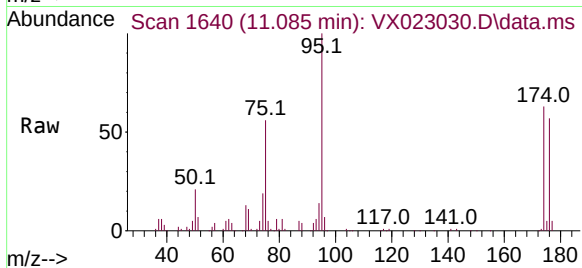




#62
4-Bromofluorobenzene
Concen: 43.916 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

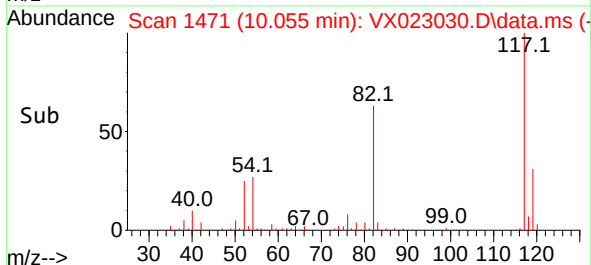
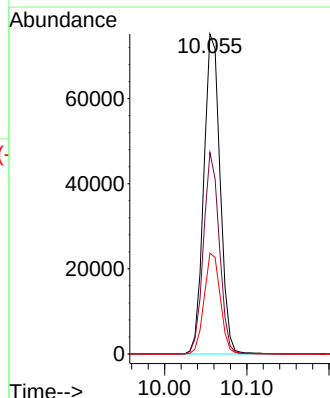
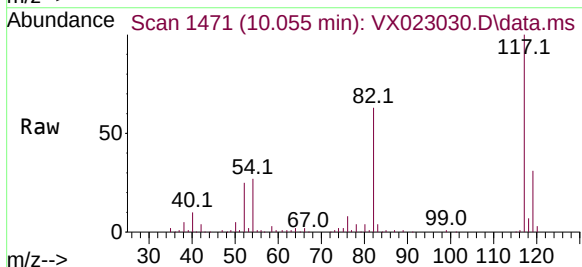
Instrument :
MSVOA_X
ClientSampleId :

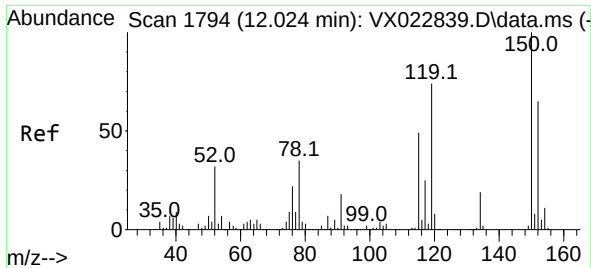
Tgt Ion: 95 Resp: 47362
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 58.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion: 117 Resp: 103592
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 31.5 26.6 39.8

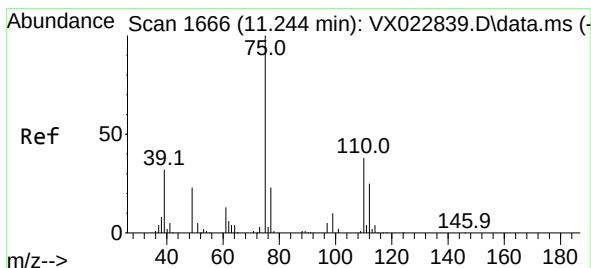
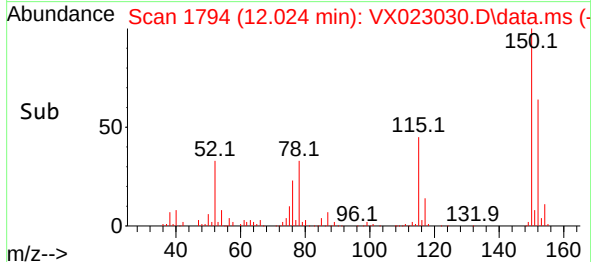
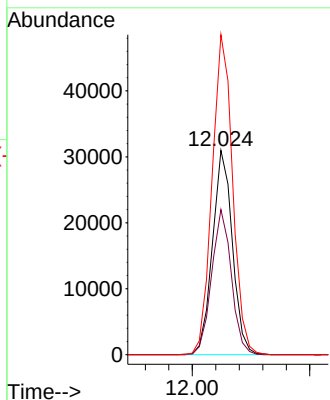
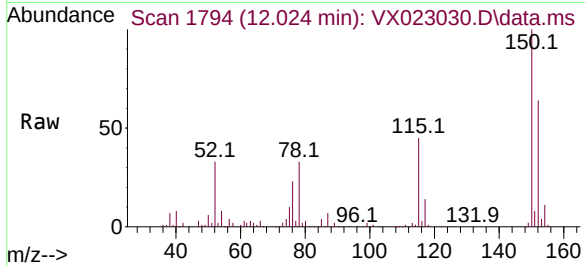




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

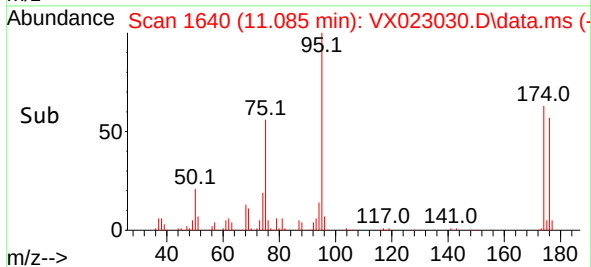
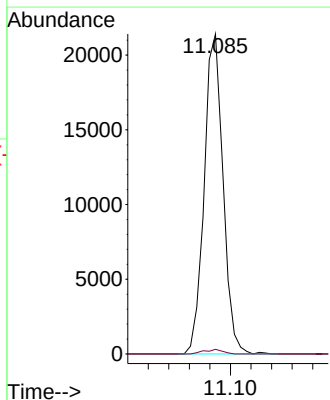
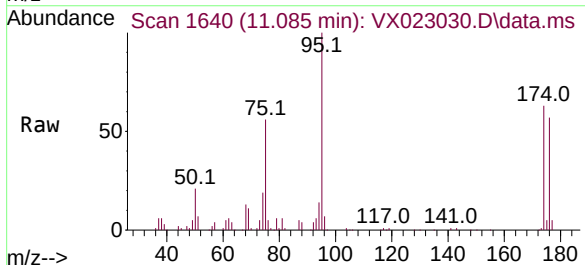
Instrument :
MSVOA_X
ClientSampled :

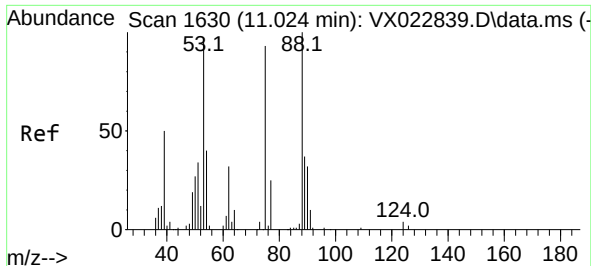
Tgt Ion:152 Resp: 36541
Ion Ratio Lower Upper
152 100
115 70.2 41.1 123.3
150 161.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.259 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion: 75 Resp: 27275
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

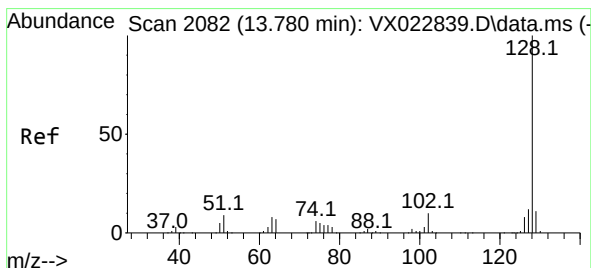
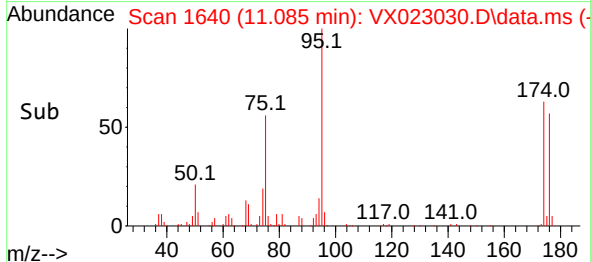
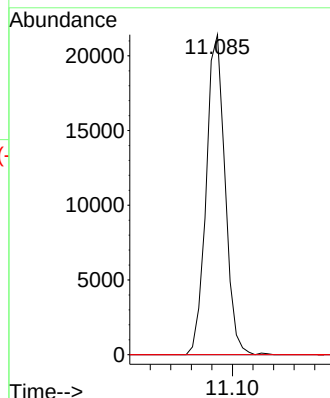
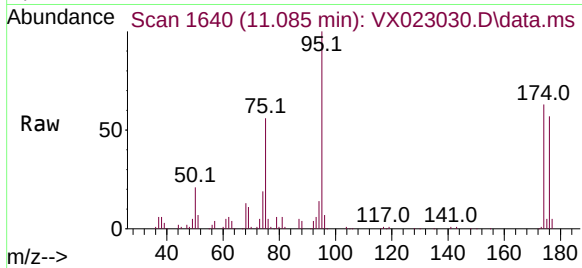




#81
trans-1,4-Dichloro-2-butene
Concen: 72.900 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27275
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.986 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023030.D
Acq: 30 Jun 2021 13:46

Tgt Ion:128 Resp: 196
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

