

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022334.D
 Acq On : 02 Jun 2021 13:30
 Operator : JC/MD
 Sample : M2572-02DL 80X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:19:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66739	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57507	55.86	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.72%
35) Dibromofluoromethane	5.397	113	43157	47.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.28%
50) Toluene-d8	8.653	98	174630	49.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.04%
62) 4-Bromofluorobenzene	11.085	95	58042	44.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.06%

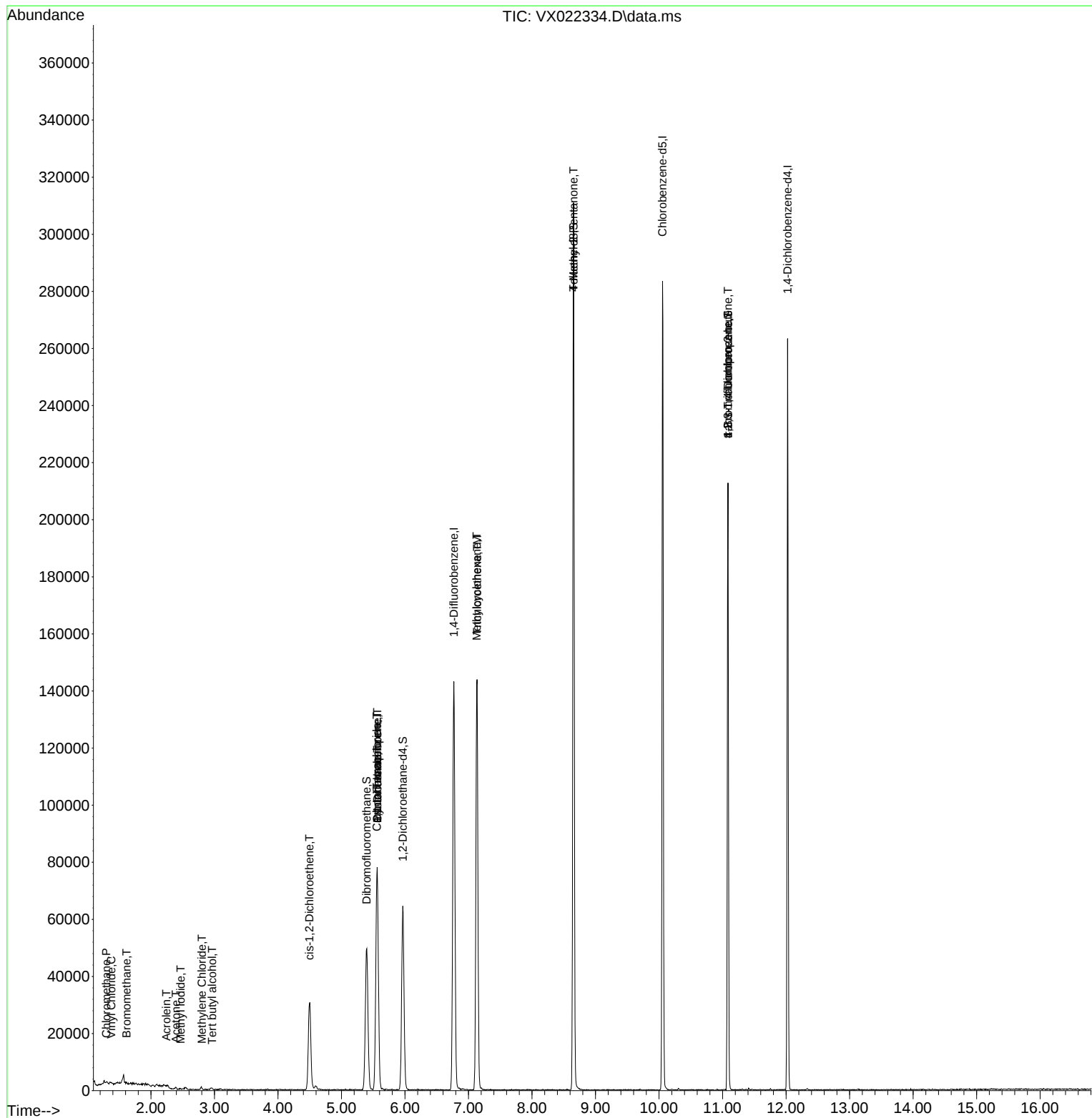
Target Compounds						Qvalue
3) Chloromethane	1.294	50	223	0.25	ug/l	# 85
4) Vinyl Chloride	1.374	62	649	0.70	ug/l	94
5) Bromomethane	1.617	94	173	0.32	ug/l	# 80
10) Methyl Iodide	2.465	142	260	0.31	ug/l	# 87
11) Tert butyl alcohol	2.965	59	497	2.11	ug/l	# 73
13) Acrolein	2.239	56	45	0.29	ug/l	# 1
16) Acetone	2.392	43	463	1.03	ug/l	90
20) Methylene Chloride	2.800	84	437	0.44	ug/l	# 66
27) cis-1,2-Dichloroethene	4.495	96	19036	18.81	ug/l	91
31) Cyclohexane	5.562	56	2105	1.63	ug/l	# 26
36) 1,1-Dichloropropene	5.562	75	6546	4.90	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7900	6.05	ug/l	# 15
39) Methylcyclohexane	7.129	83	779	0.51	ug/l	# 1
44) Trichloroethene	7.135	130	51778	50.73	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	934	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	30773	26.70	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30773	63.25	ug/l	# 12

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

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MSVOA_X
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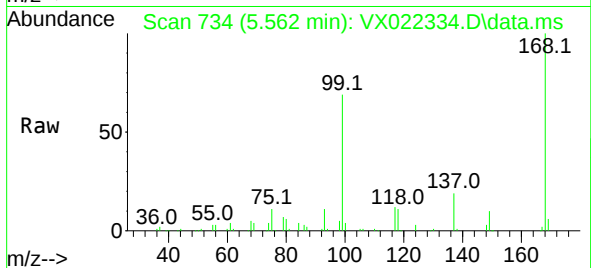
Quant Time: Jun 03 02:19:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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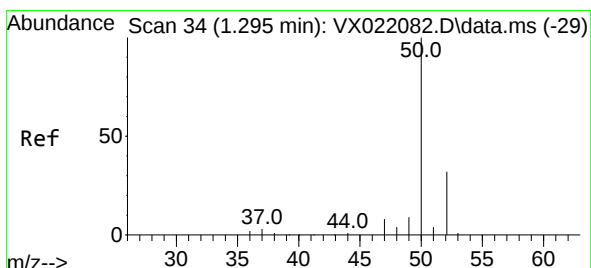
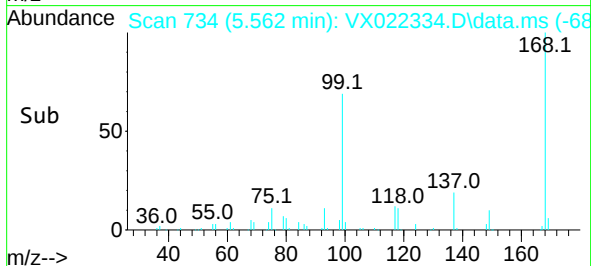
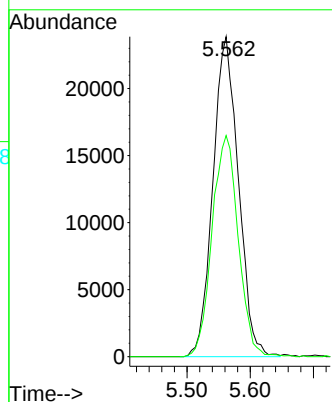


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Instrument :
MSVOA_X
ClientSampled :

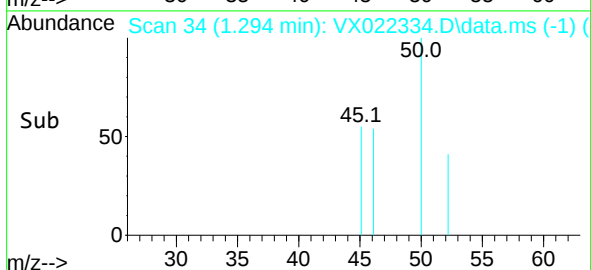
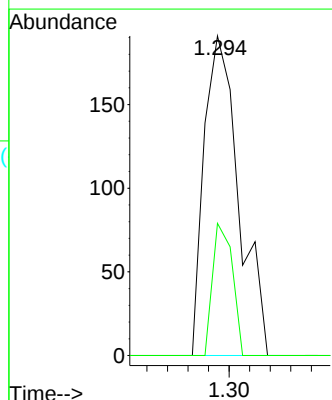
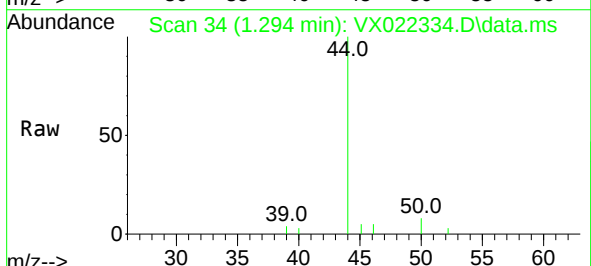


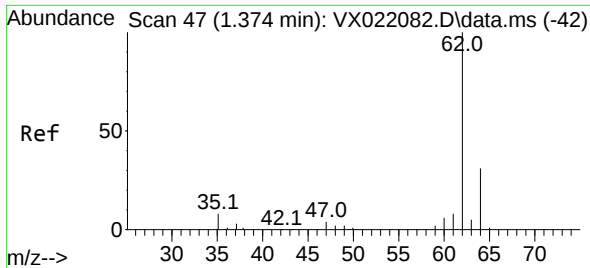
Tgt Ion:168 Resp: 66739
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 41.4 26.4 39.6#

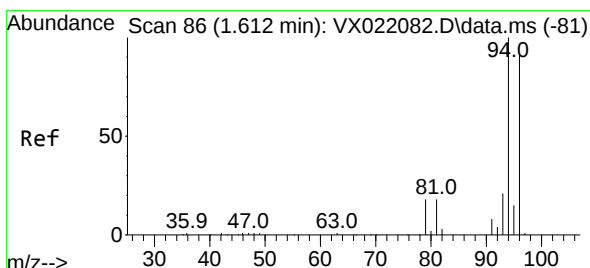
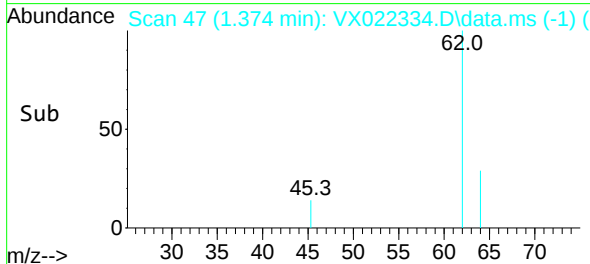
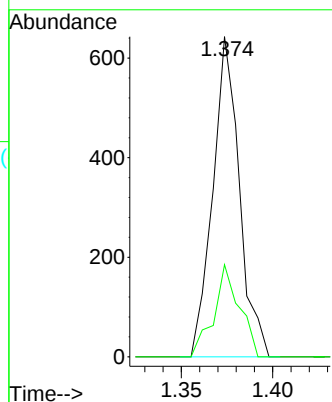
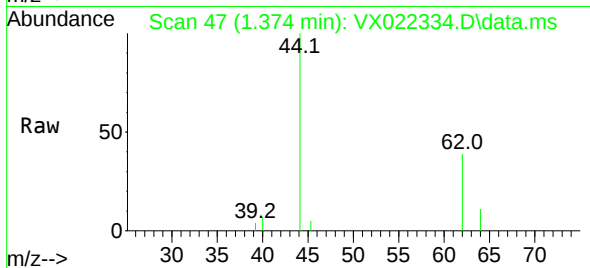




#4
 Vinyl Chloride
 Concen: 0.70 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022334.D
 Acq: 02 Jun 2021 13:30

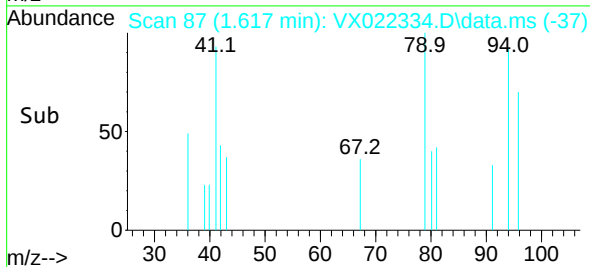
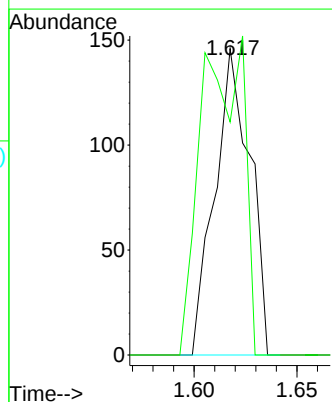
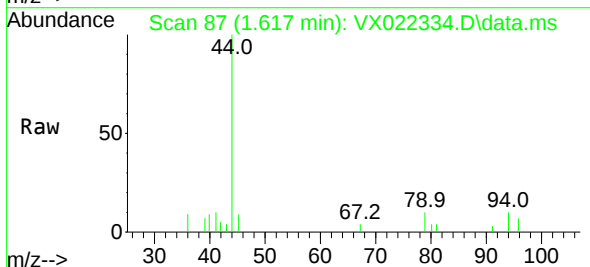
Instrument :
 MSVOA_X
 ClientSampled :

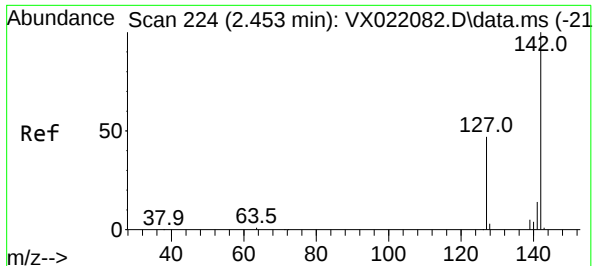
Tgt Ion: 62 Resp: 649
 Ion Ratio Lower Upper
 62 100
 64 28.8 25.7 38.5



#5
 Bromomethane
 Concen: 0.32 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.005 min
 Lab File: VX022334.D
 Acq: 02 Jun 2021 13:30

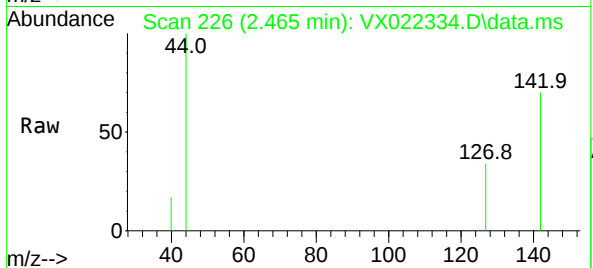
Tgt Ion: 94 Resp: 173
 Ion Ratio Lower Upper
 94 100
 96 76.0 76.4 114.6#



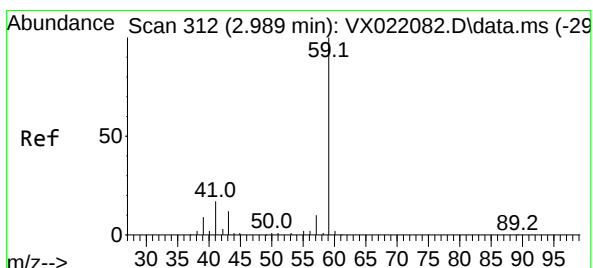
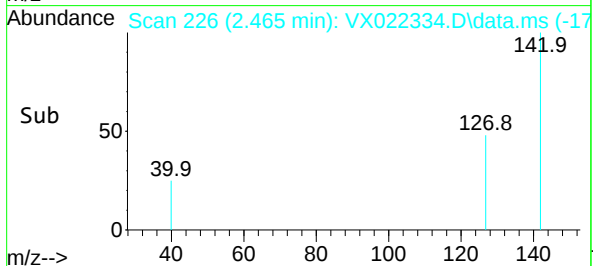
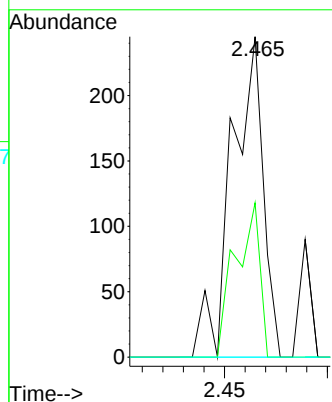


#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Instrument :
MSVOA_X
ClientSampled :

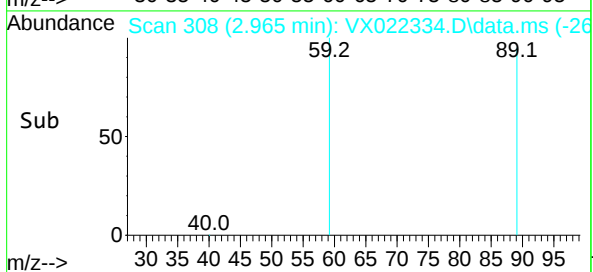
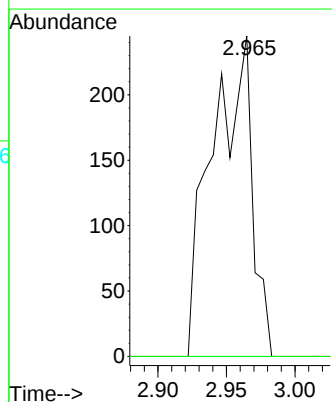
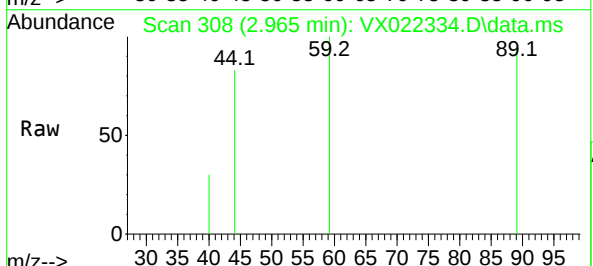


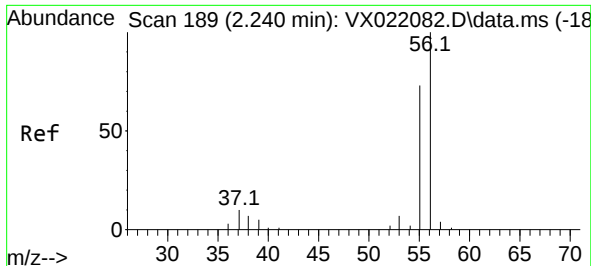
Tgt Ion:142 Resp: 260
Ion Ratio Lower Upper
142 100
127 37.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.11 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

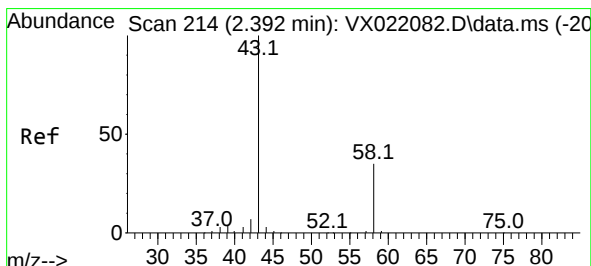
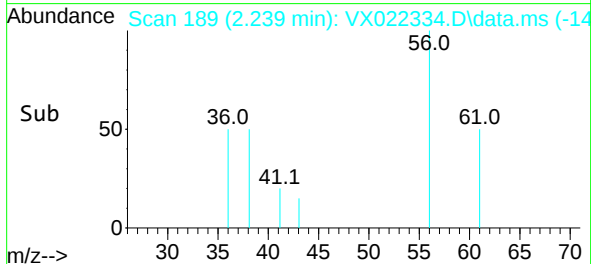
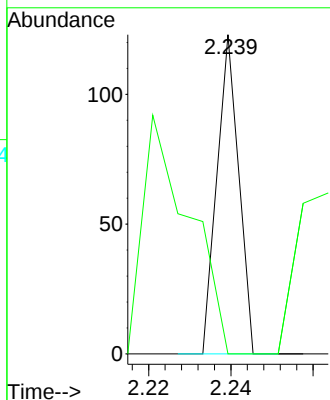
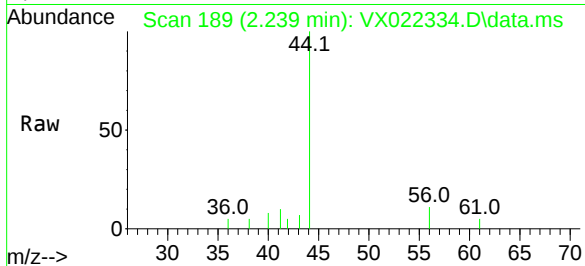




#13
Acrolein
Concen: 0.29 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

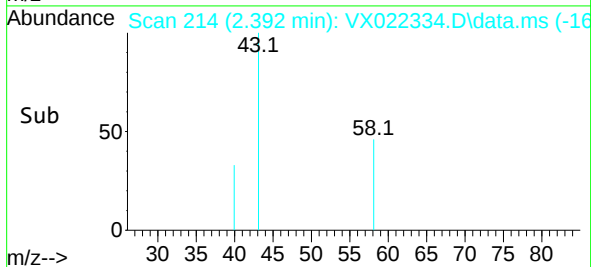
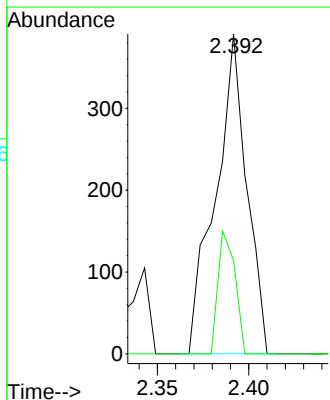
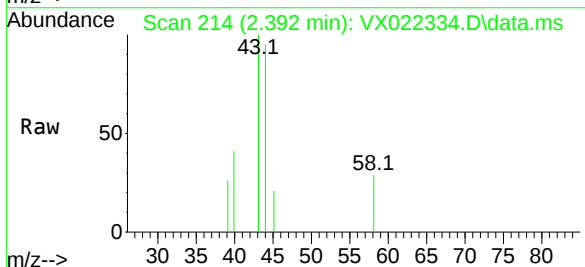
Instrument :
MSVOA_X
ClientSampled :

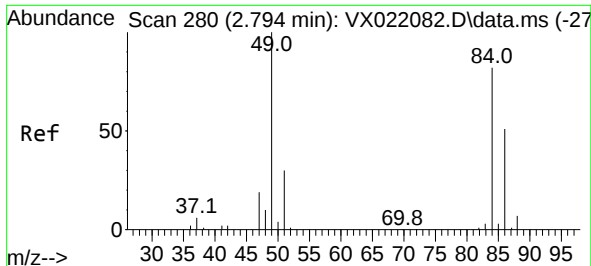
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 160.0 56.4 84.6#



#16
Acetone
Concen: 1.03 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

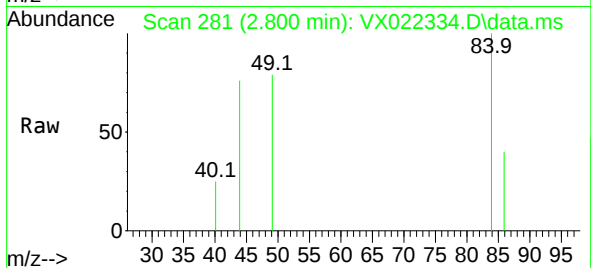
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



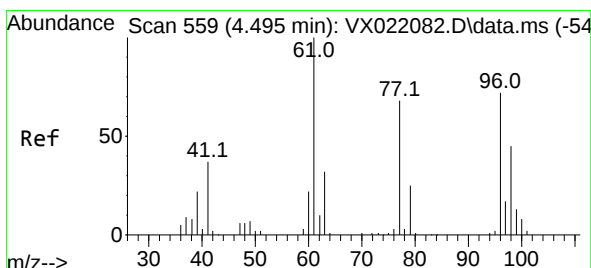
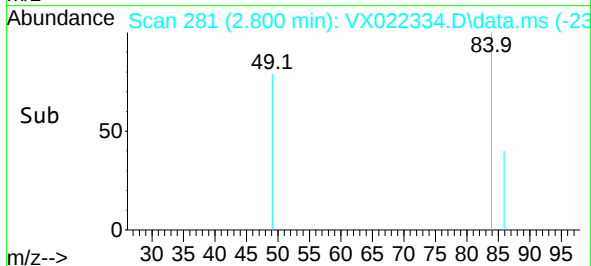
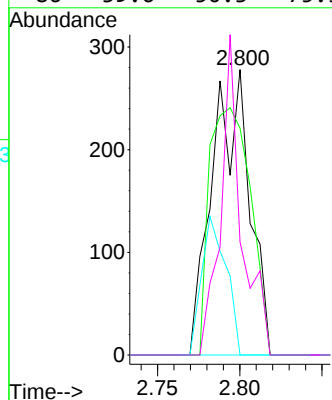


#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Instrument :
MSVOA_X
ClientSampled :

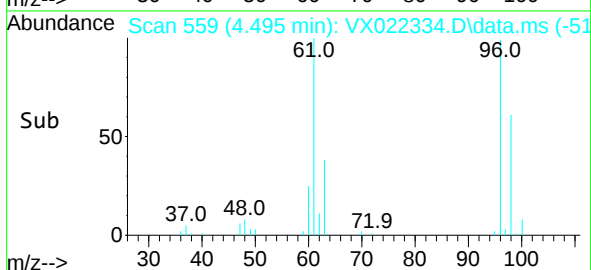
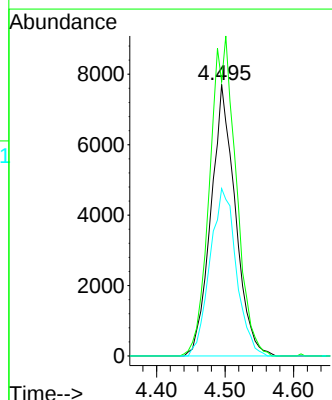
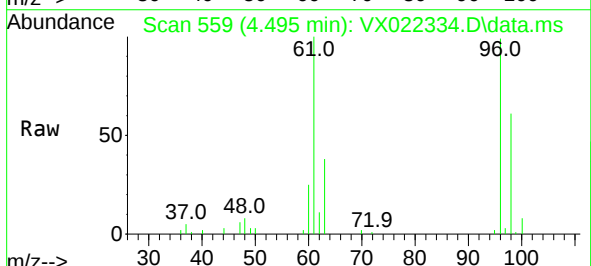


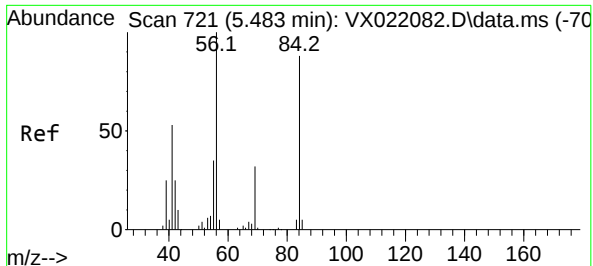
Tgt Ion: 84 Resp: 437
Ion Ratio Lower Upper
84 100
49 79.5 88.6 132.8#
51 0.0 27.0 40.6#
86 39.6 50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 18.81 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

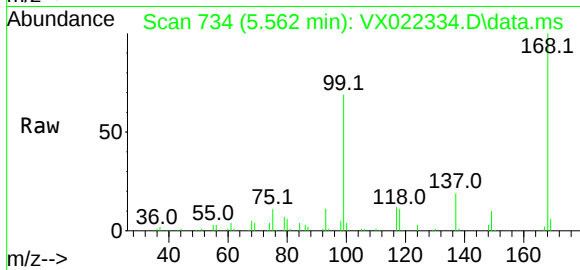
Tgt Ion: 96 Resp: 19036
Ion Ratio Lower Upper
96 100
61 127.6 0.0 285.6
98 66.4 0.0 129.6



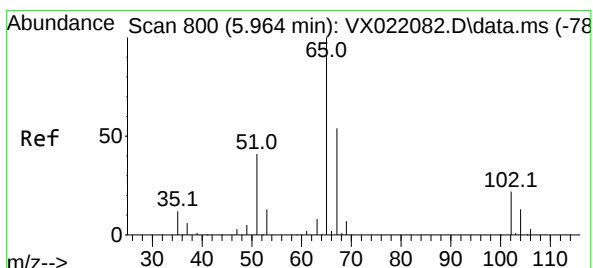
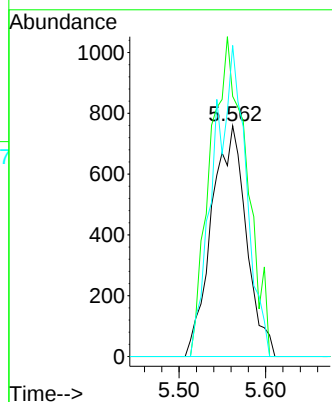
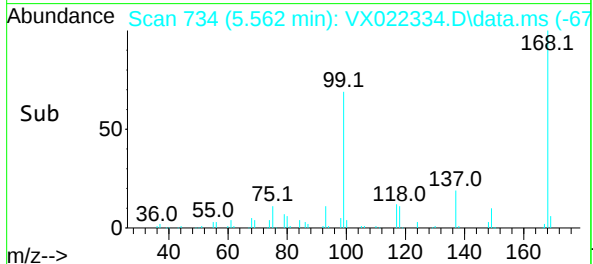


#31
Cyclohexane
Concen: 1.63 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

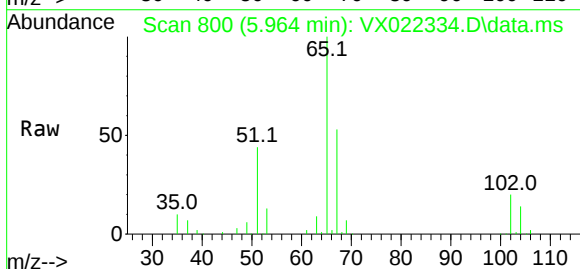
Instrument :
MSVOA_X
ClientSampleId :



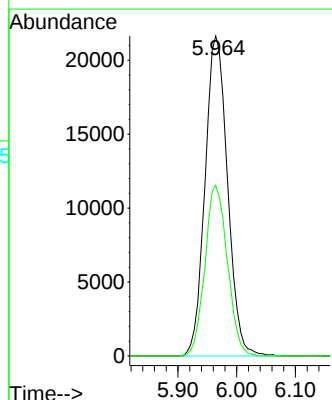
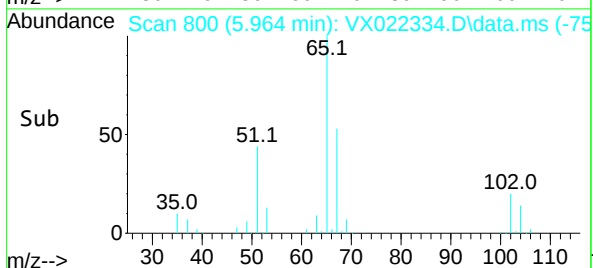
Tgt Ion: 56 Resp: 2105
Ion Ratio Lower Upper
56 100
69 112.8 25.3 37.9#
84 134.8 71.4 107.0#

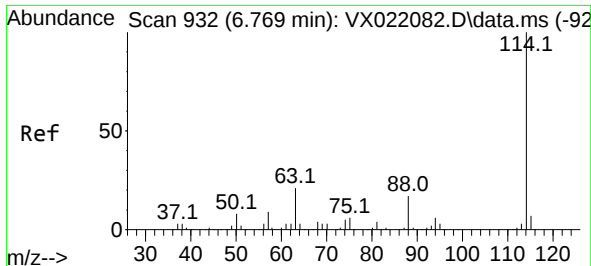


#33
1,2-Dichloroethane-d4
Concen: 55.86 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30



Tgt Ion: 65 Resp: 57507
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

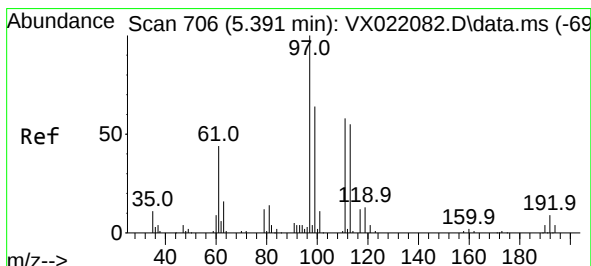
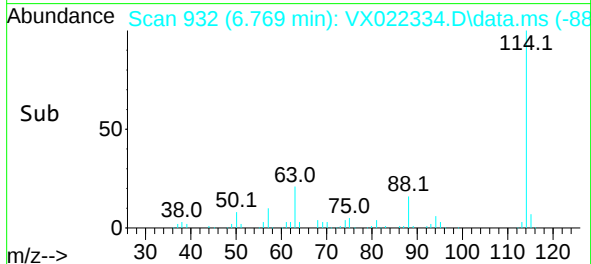
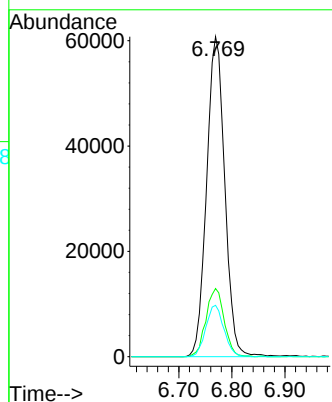
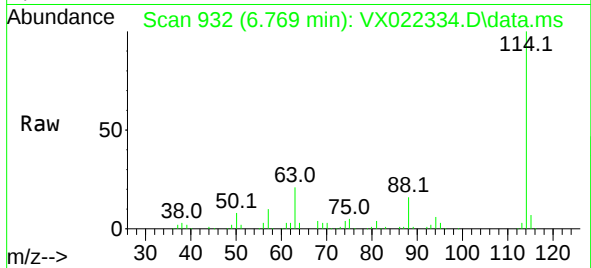




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

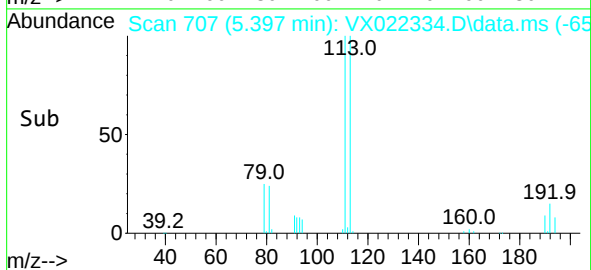
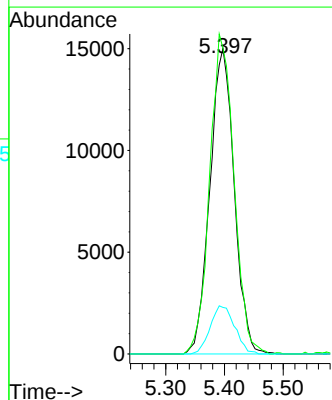
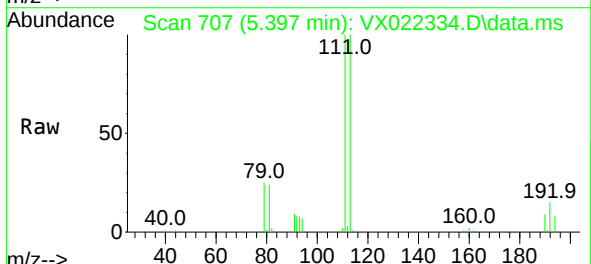
Instrument :
MSVOA_X
ClientSampleId :

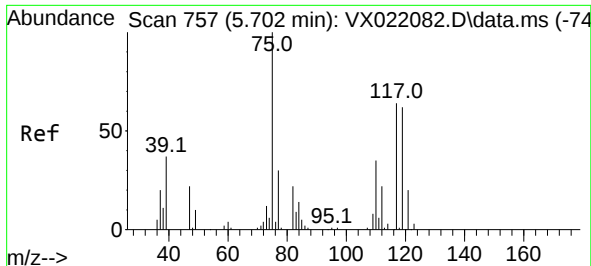
Tgt Ion:114 Resp: 144369
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.14 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

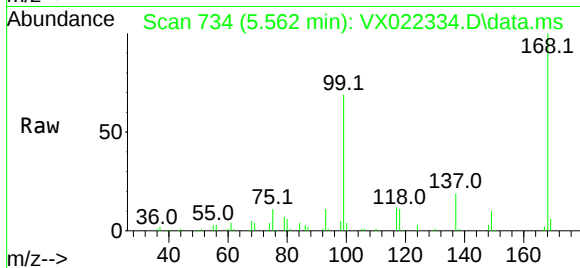
Tgt Ion:113 Resp: 43157
Ion Ratio Lower Upper
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111 104.3 81.9 122.9
192 15.9 16.7 25.1#



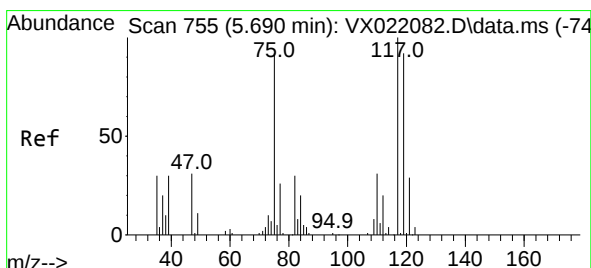
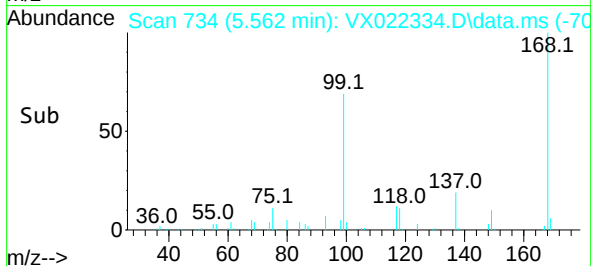
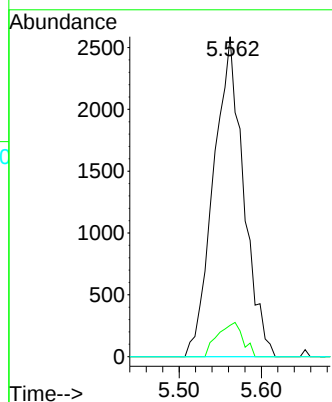


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Instrument :
MSVOA_X
ClientSampled :

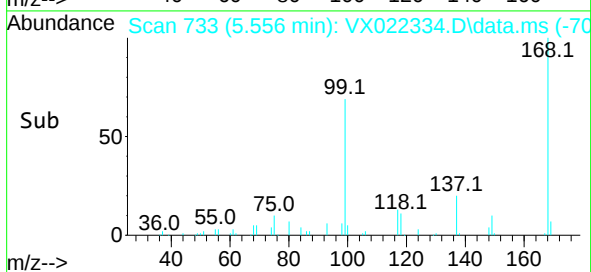
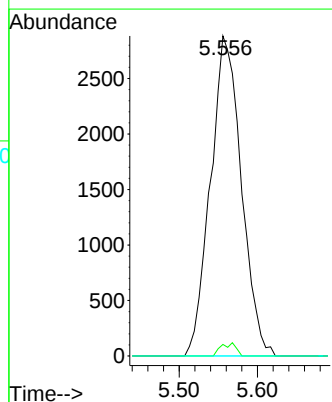
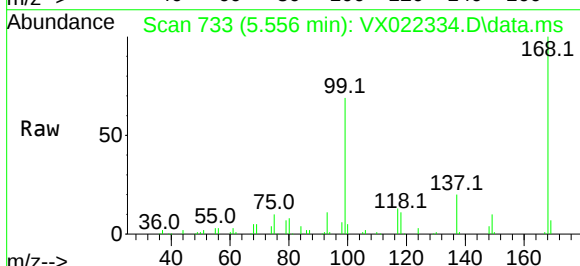


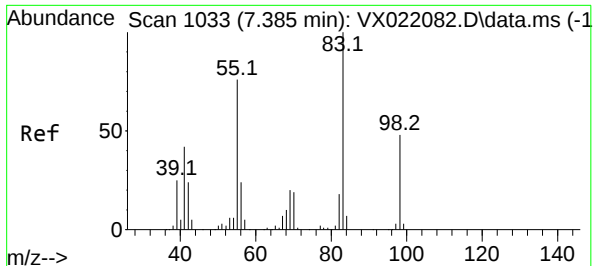
Tgt Ion: 75 Resp: 6546
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Tgt Ion: 117 Resp: 7900
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.51 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022334.D

Acq: 02 Jun 2021 13:30

Tgt Ion: 83 Resp: 779

Ion Ratio Lower Upper

83 100

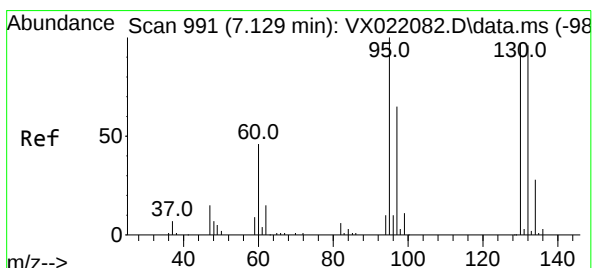
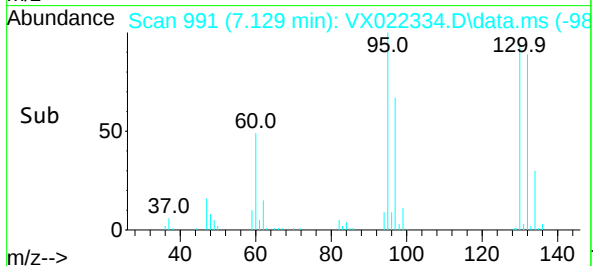
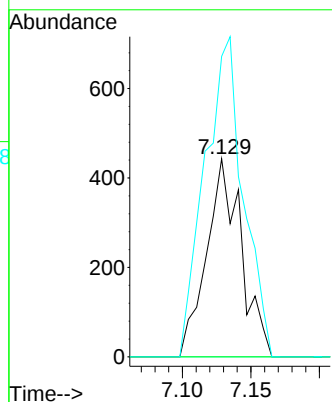
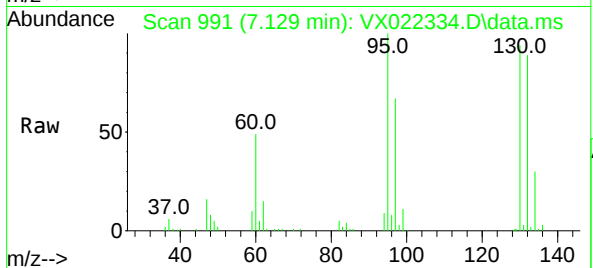
55 0.0 58.9 88.3#

98 151.7 38.1 57.1#

Instrument :

MSVOA_X

ClientSampled :



#44

Trichloroethene

Concen: 50.73 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022334.D

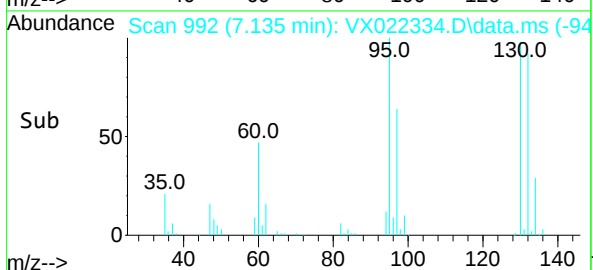
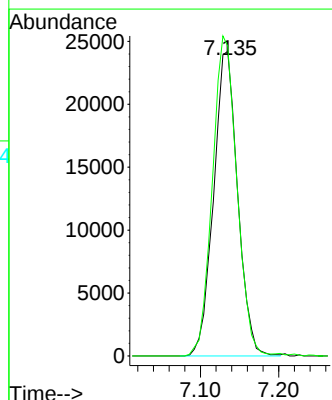
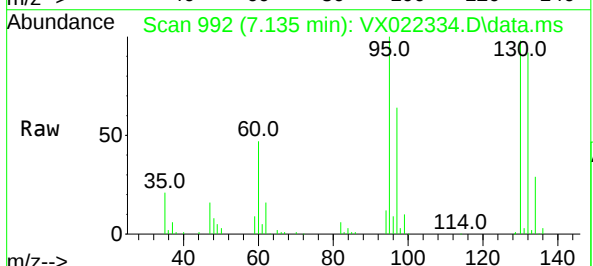
Acq: 02 Jun 2021 13:30

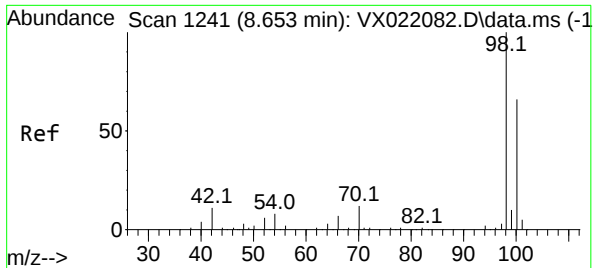
Tgt Ion:130 Resp: 51778

Ion Ratio Lower Upper

130 100

95 101.7 0.0 198.0

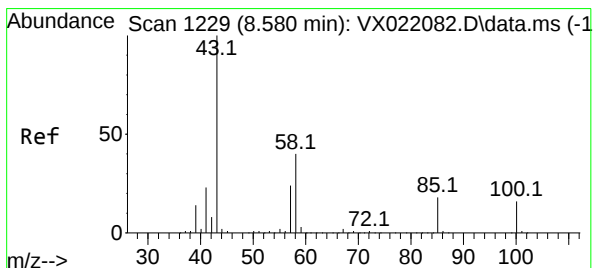
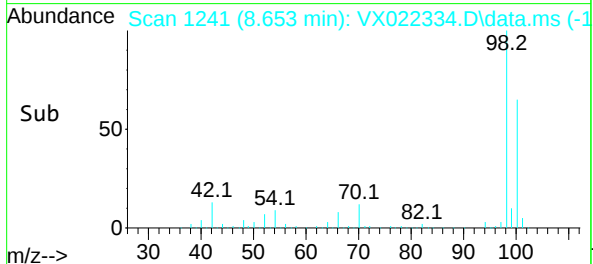
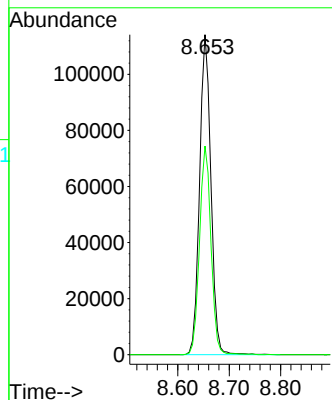
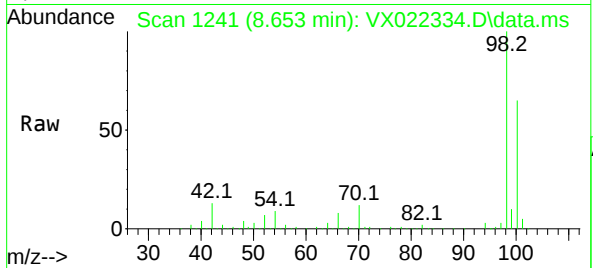




#50
Toluene-d8
Concen: 49.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

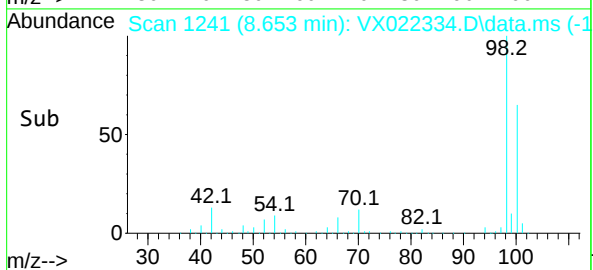
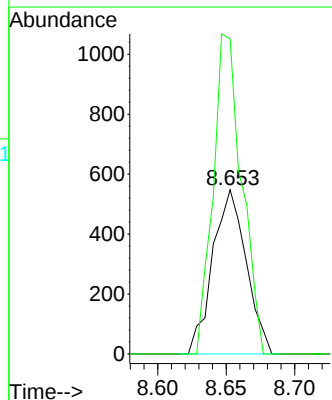
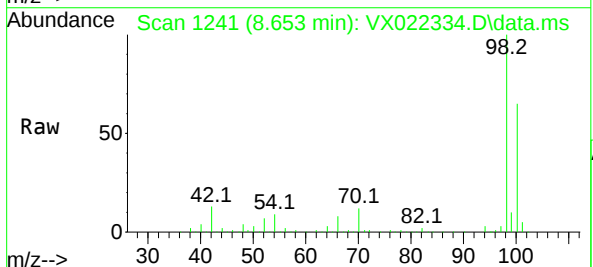
Instrument :
MSVOA_X
ClientSampled :

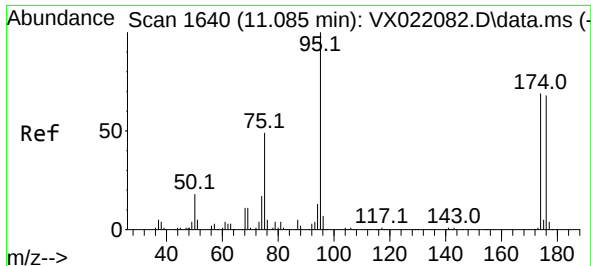
Tgt Ion: 98 Resp: 174630
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 166.2 35.4 53.0#

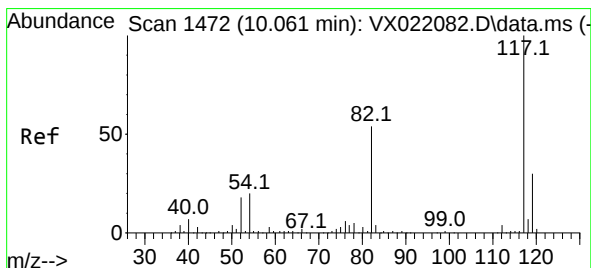
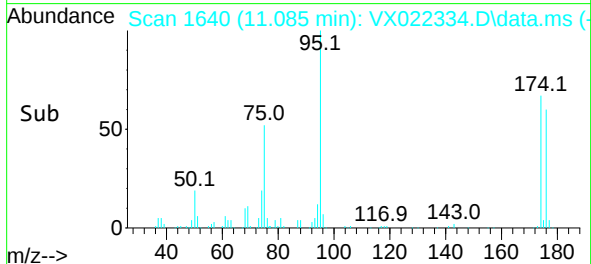
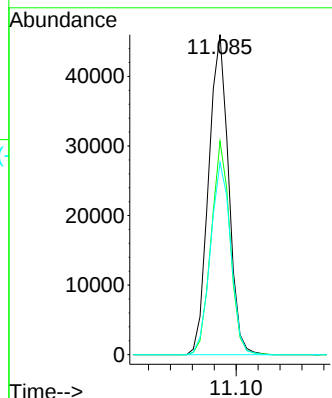
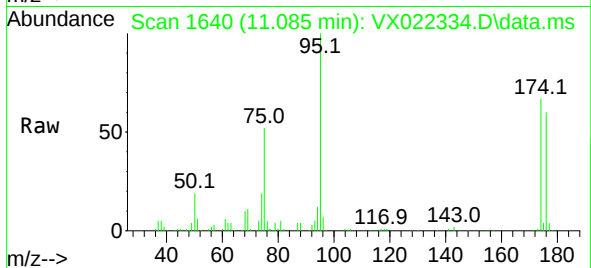




#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

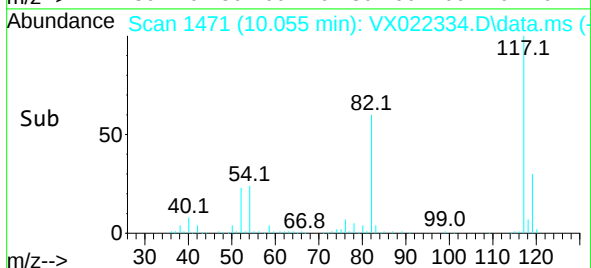
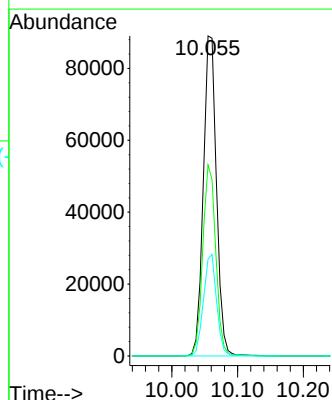
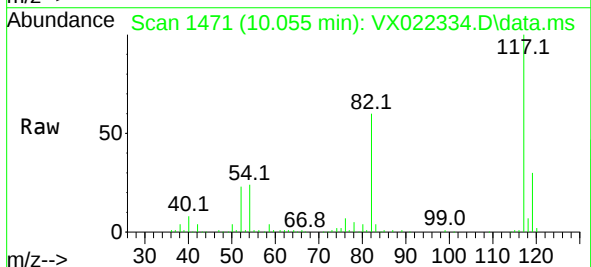
Instrument :
MSVOA_X
ClientSampled :

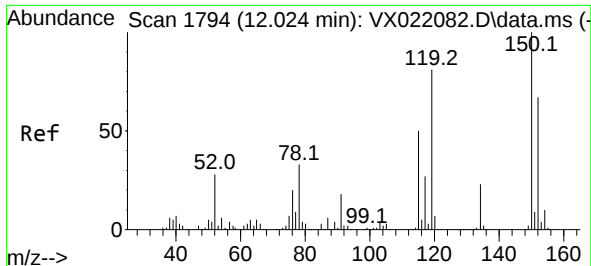
Tgt Ion: 95 Resp: 58042
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 61.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022334.D
Acq: 02 Jun 2021 13:30

Tgt Ion: 117 Resp: 123895
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.2 26.6 39.8

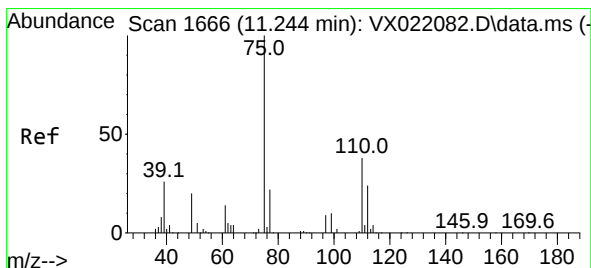
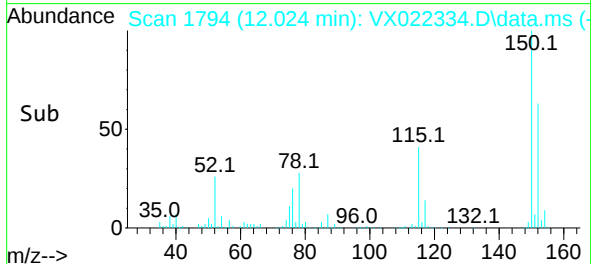
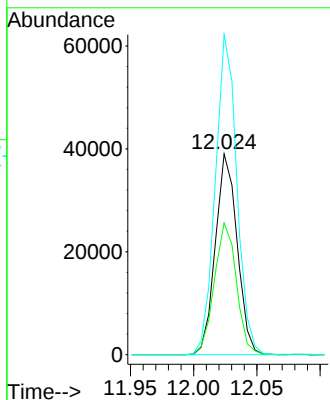
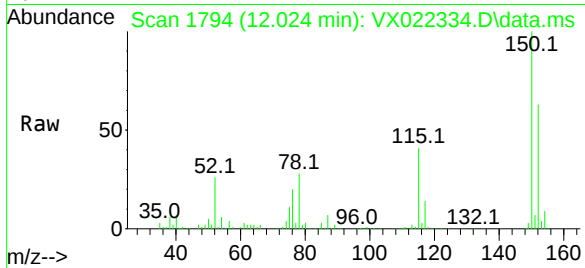




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022334.D
 Acq: 02 Jun 2021 13:30

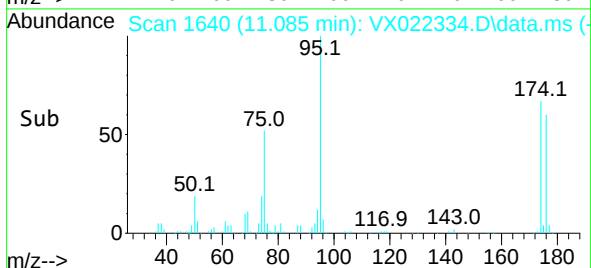
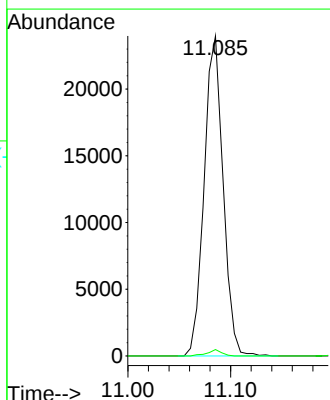
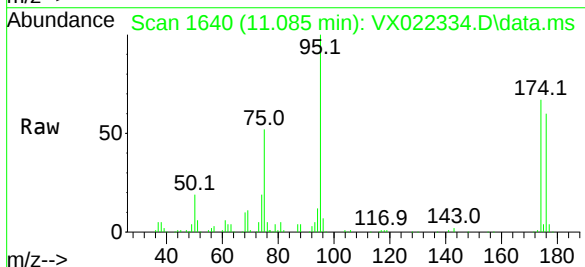
Instrument :
 MSVOA_X
 ClientSampled :

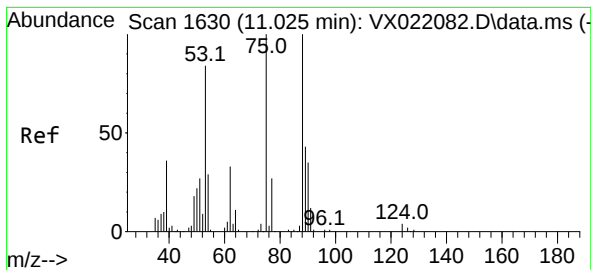
Tgt Ion:152 Resp: 46726
 Ion Ratio Lower Upper
 152 100
 115 66.5 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.70 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022334.D
 Acq: 02 Jun 2021 13:30

Tgt Ion: 75 Resp: 30773
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.25 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022334.D

Acq: 02 Jun 2021 13:30

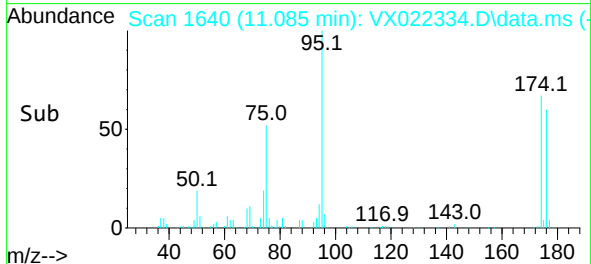
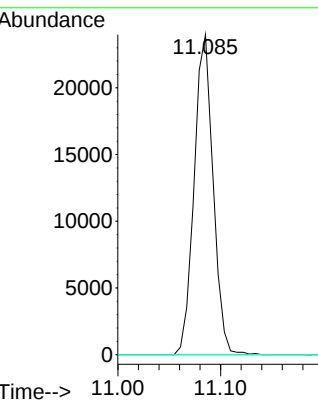
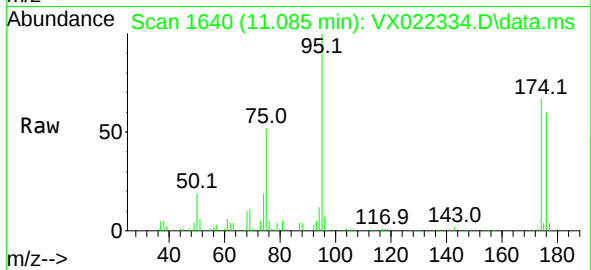
Tgt Ion: 75 Resp: 30773

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#



Instrument :
MSVOA_X
ClientSampleId :