

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022736.D
 Acq On : 17 Jun 2021 13:30
 Operator : JC/MD
 Sample : M2750-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20210616

Quant Time: Jun 18 01:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	56143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	113864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48551	48.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.16%
35) Dibromofluoromethane	5.397	113	34455	47.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.86%
50) Toluene-d8	8.653	98	138466	48.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.70%
62) 4-Bromofluorobenzene	11.085	95	46773	43.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.36%

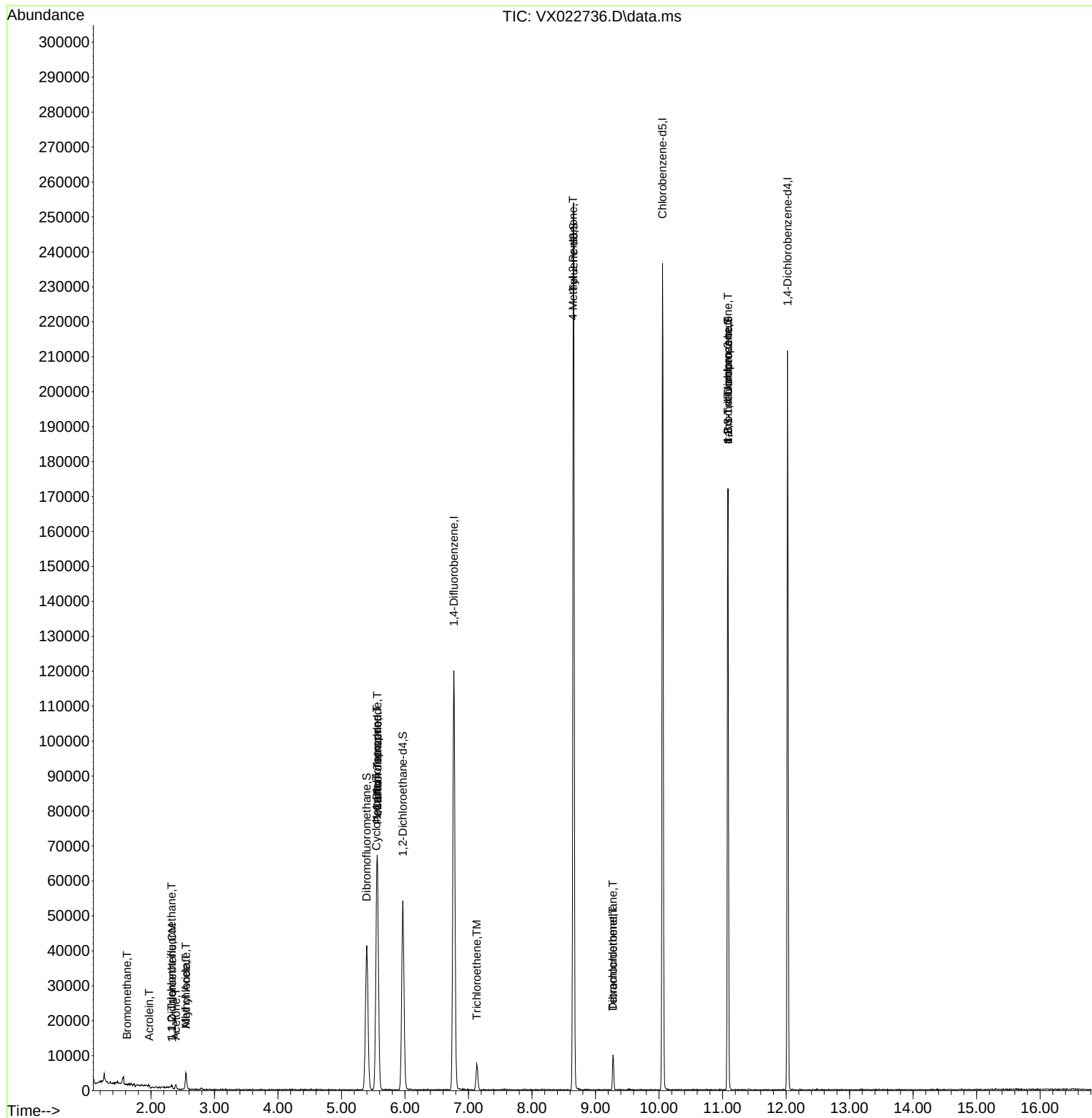
Target Compounds						Qvalue
5) Bromomethane	1.624	94	89	0.21	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.325	101	356	0.52	ug/l #	66
12) 1,1-Dichloroethene	2.331	96	277	0.41	ug/l #	33
13) Acrolein	1.971	56	42	0.43	ug/l	87
14) Allyl chloride	2.550	41	390	0.30	ug/l #	1
16) Acetone	2.392	43	1237	2.74	ug/l	95
18) Methyl Acetate	2.550	43	1249	0.92	ug/l #	47
20) Methylene Chloride	2.800	84	230	Below	Cal #	75
31) Cyclohexane	5.550	56	1783	1.46	ug/l #	46
36) 1,1-Dichloropropene	5.556	75	5620	4.95	ug/l #	46
38) Carbon Tetrachloride	5.562	117	6604	6.80	ug/l #	16
44) Trichloroethene	7.129	130	2570	3.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	700	0.48	ug/l #	1
60) Dibromochloromethane	9.275	129	1543	4.88	ug/l #	11
64) Tetrachloroethene	9.275	164	1590	2.54	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	25879	26.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25879	66.96	ug/l #	12

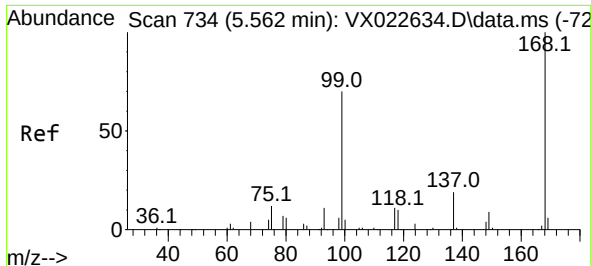
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:16:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

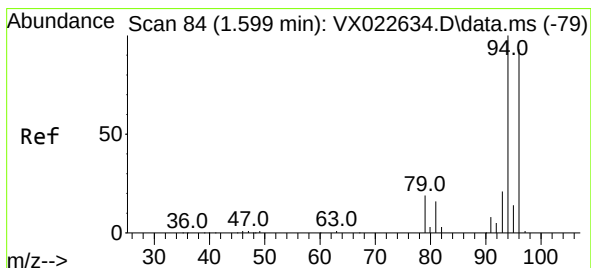
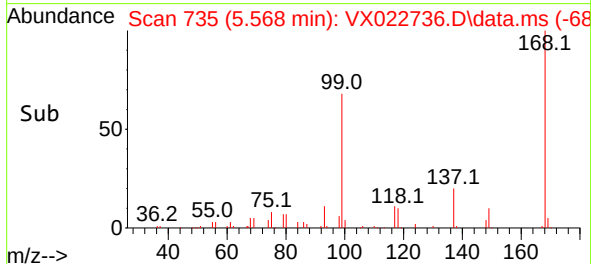
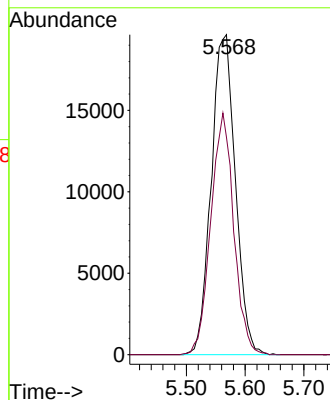
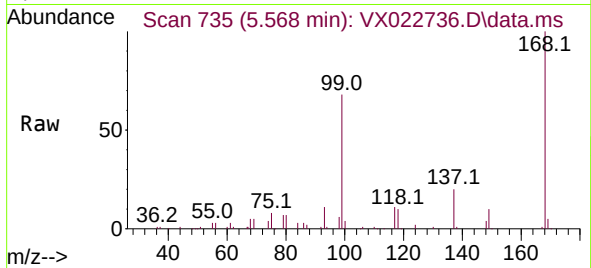




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

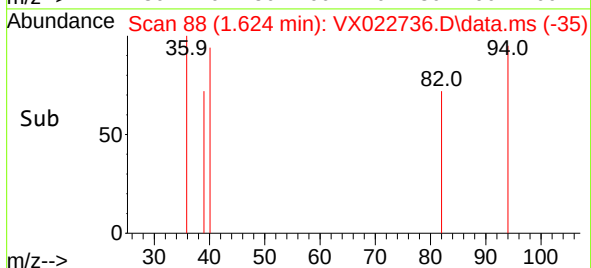
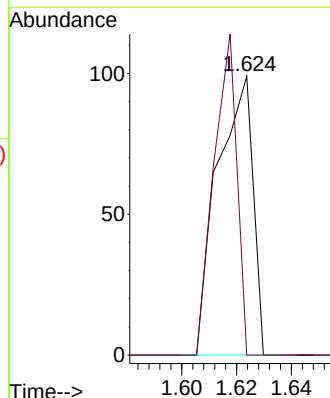
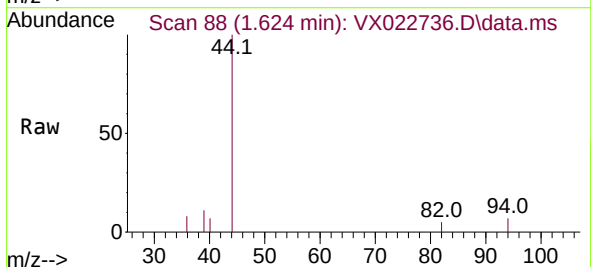
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

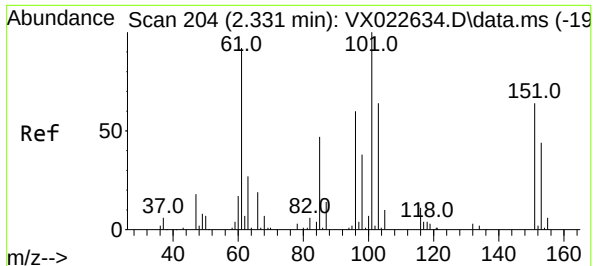
Tgt Ion:168 Resp: 56143
Ion Ratio Lower Upper
168 100
99 68.0 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

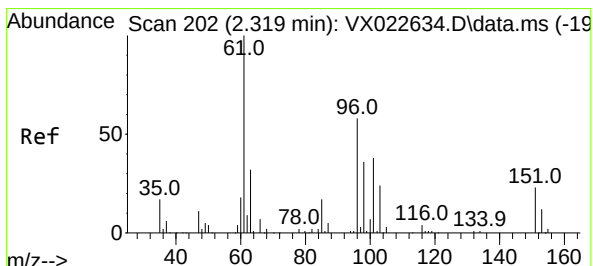
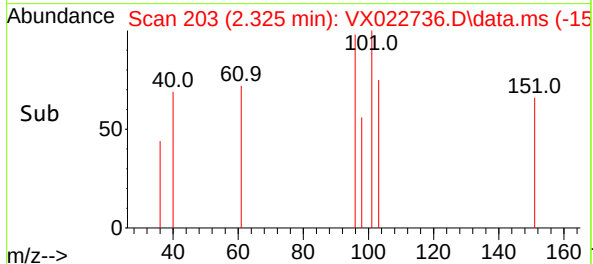
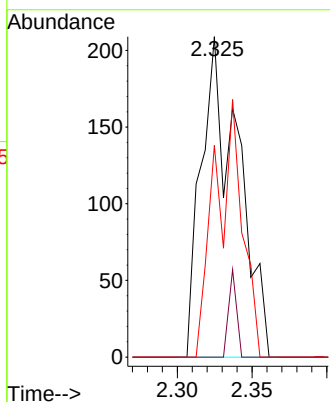
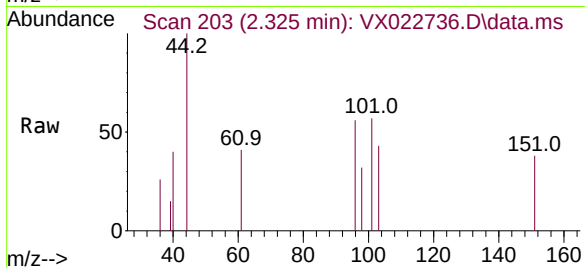




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.52 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

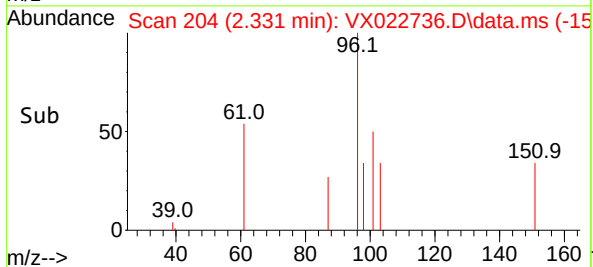
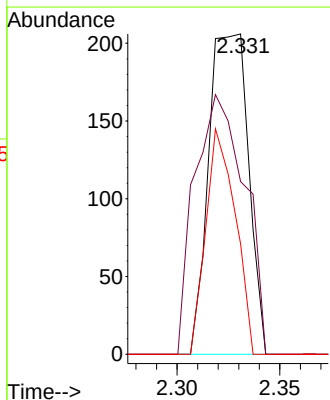
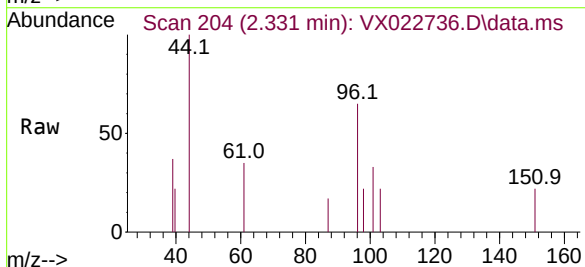
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

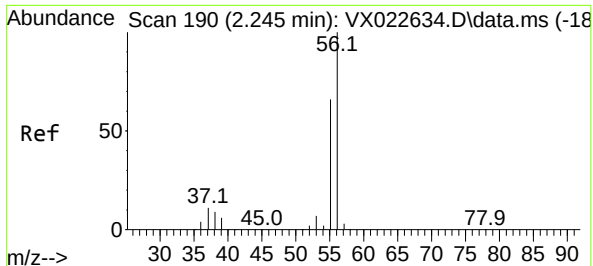
Tgt Ion:101 Resp: 356
Ion Ratio Lower Upper
101 100
85 5.9 34.9 52.3#
151 59.3 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.41 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 96 Resp: 277
Ion Ratio Lower Upper
96 100
61 53.9 124.6 187.0#
98 34.5 50.6 76.0#

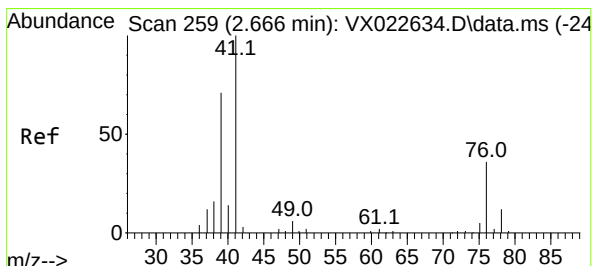
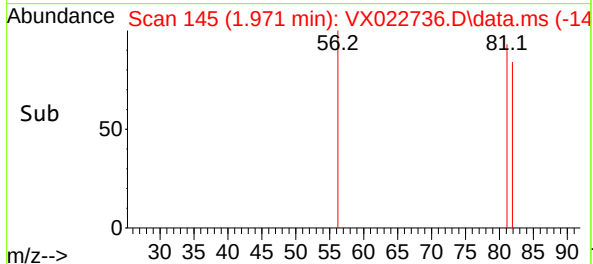
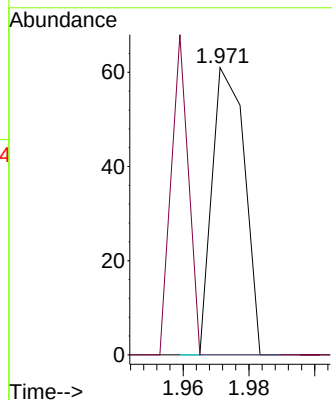
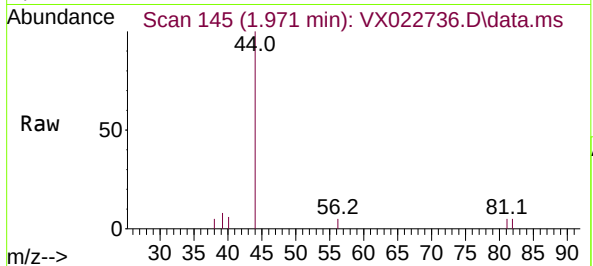




#13
Acrolein
Concen: 0.43 ug/l
RT: 1.971 min Scan# 145
Delta R.T. -0.268 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

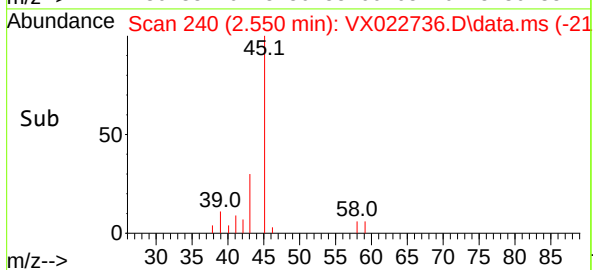
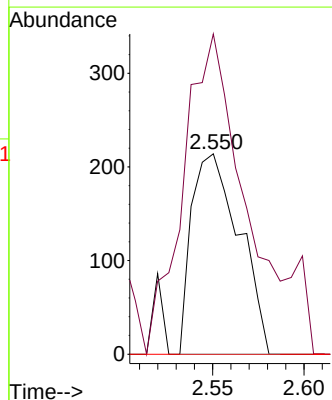
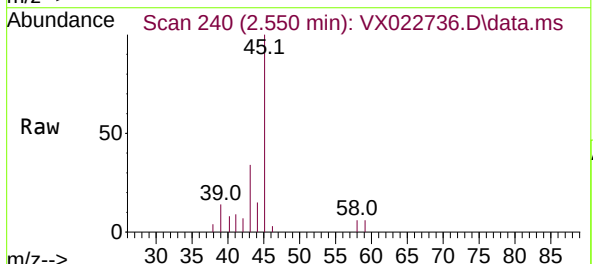
Instrument :
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ClientSampleId :
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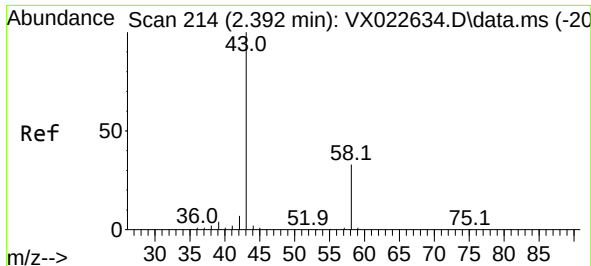
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 59.5 56.4 84.6



#14
Allyl chloride
Concen: 0.30 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 41 Resp: 390
Ion Ratio Lower Upper
41 100
39 217.4 51.6 77.4#
76 0.0 30.5 45.7#

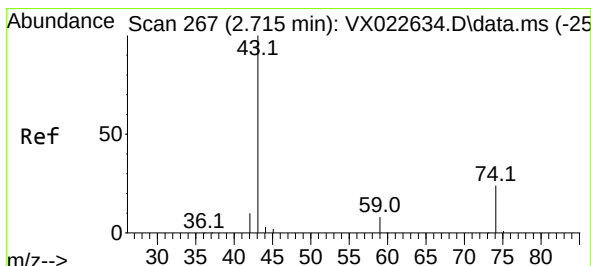
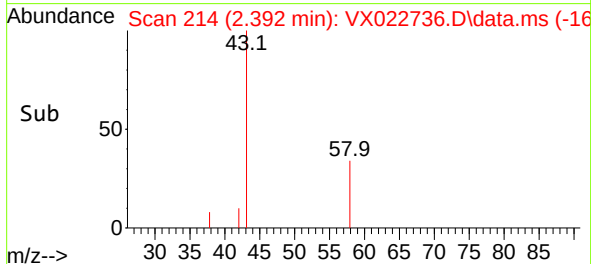
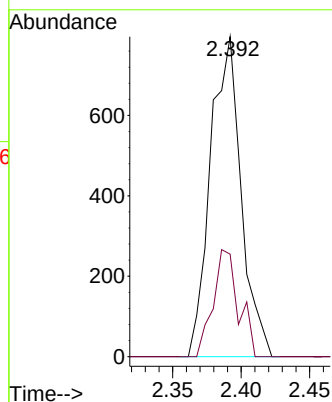
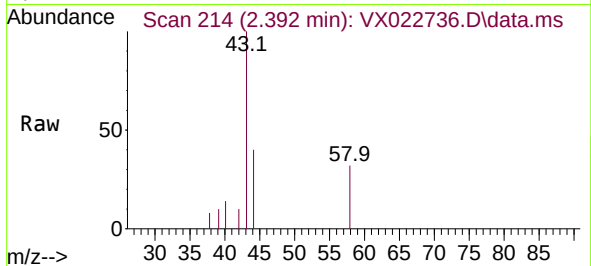




#16
Acetone
Concen: 2.74 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

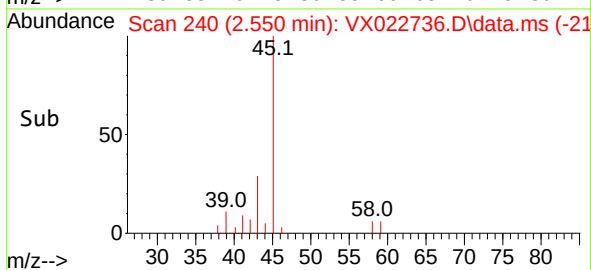
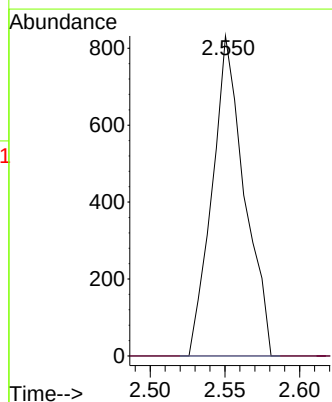
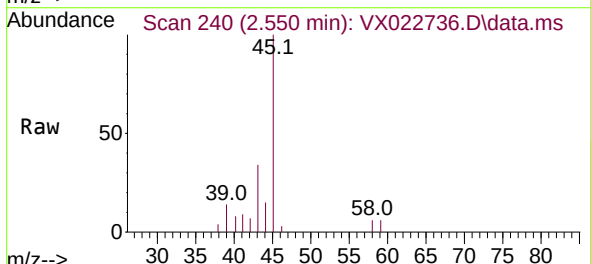
Instrument :
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ClientSampleId :
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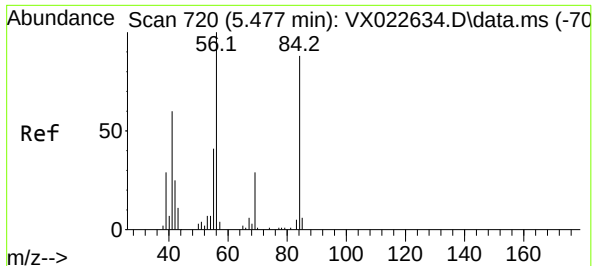
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.92 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

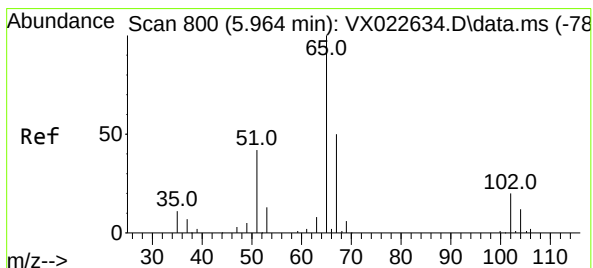
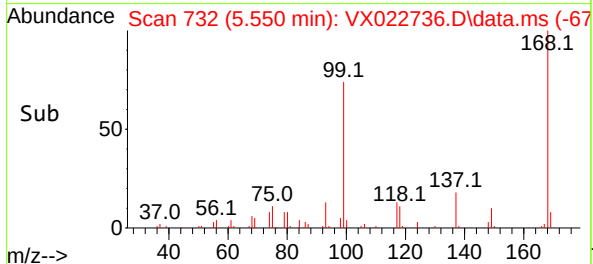
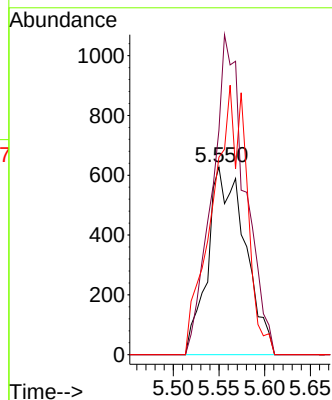
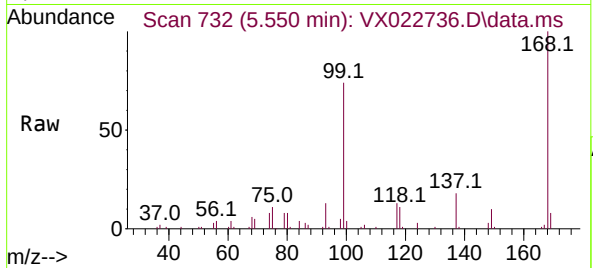




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

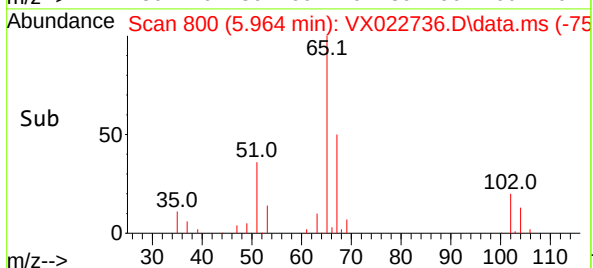
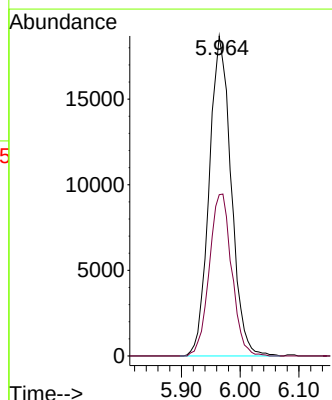
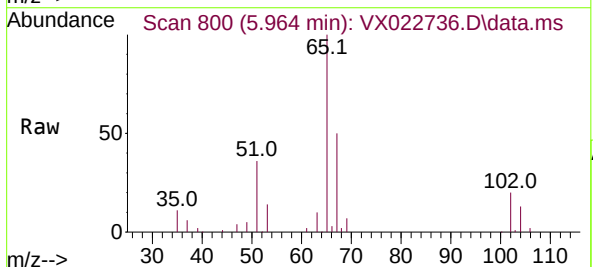
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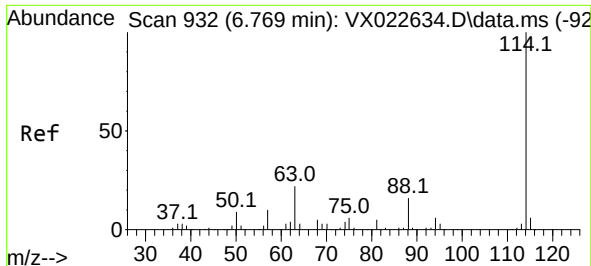
Tgt Ion: 56 Resp: 1783
Ion Ratio Lower Upper
56 100
69 119.6 25.3 37.9#
84 105.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.08 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 65 Resp: 48551
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

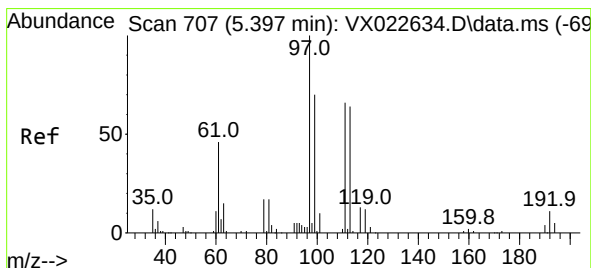
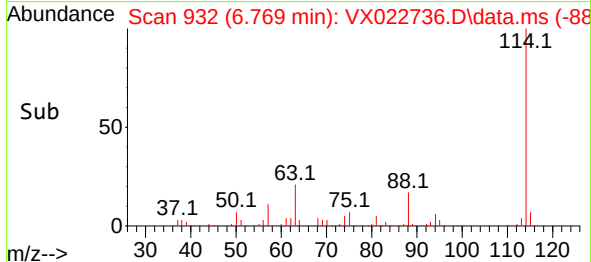
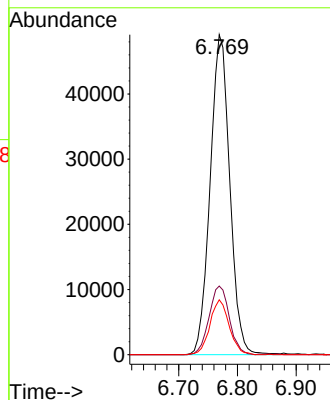
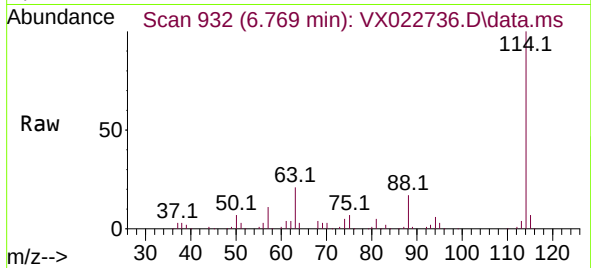




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

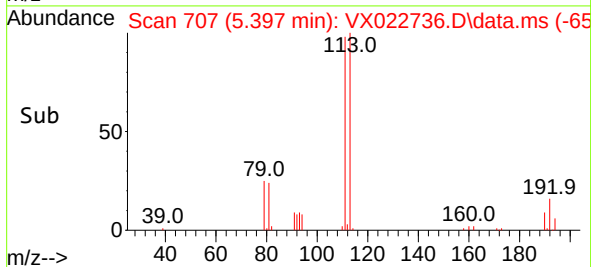
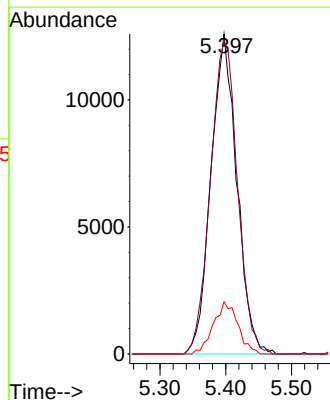
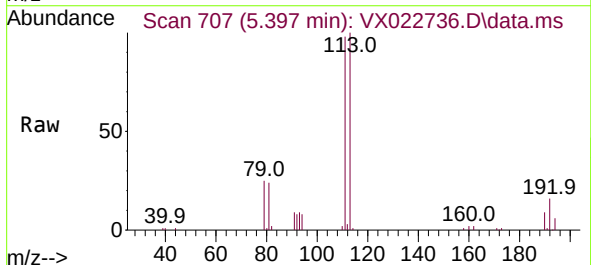
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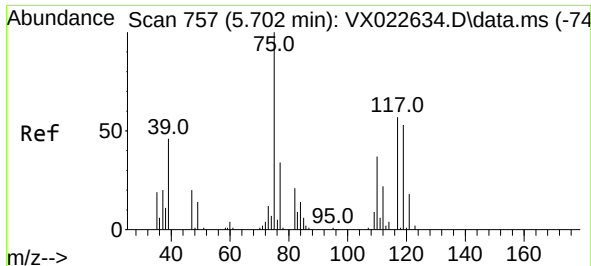
Tgt Ion:114 Resp: 113864
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.43 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

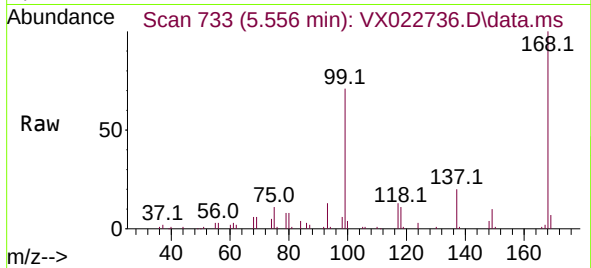
Tgt Ion:113 Resp: 34455
Ion Ratio Lower Upper
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111 102.6 81.9 122.9
192 15.4 16.7 25.1#



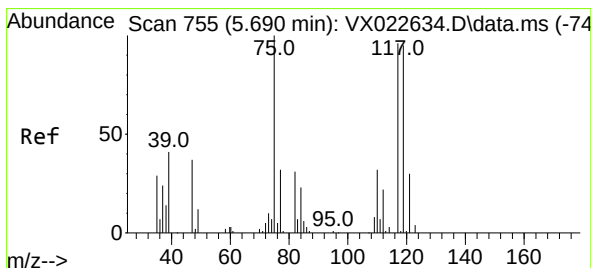
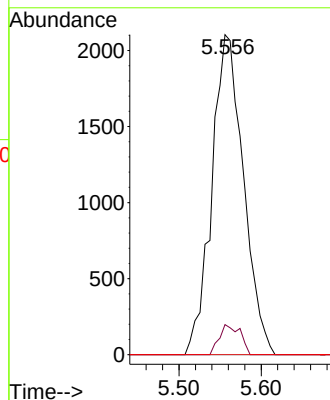
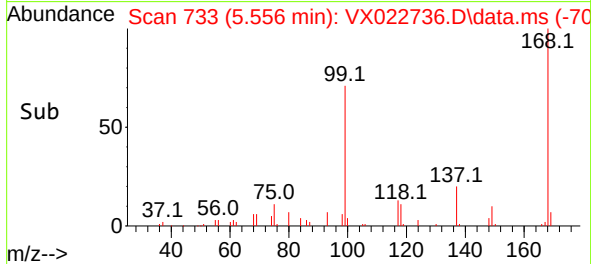


#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

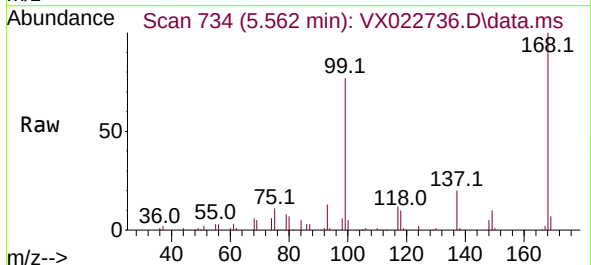
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616



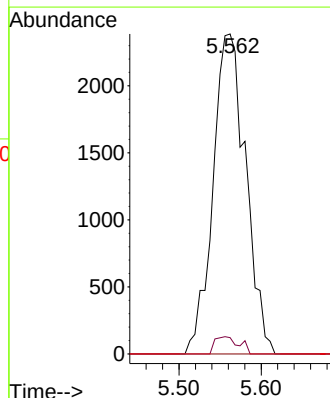
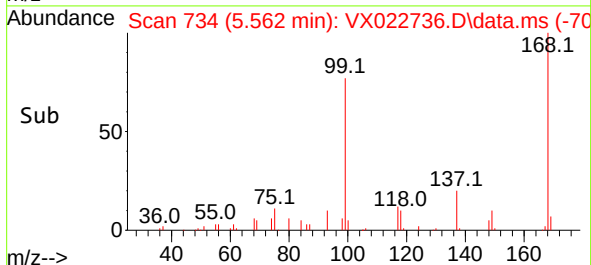
Tgt Ion: 75 Resp: 5620
Ion Ratio Lower Upper
75 100
110 6.2 18.1 54.4#
77 0.0 25.3 37.9#

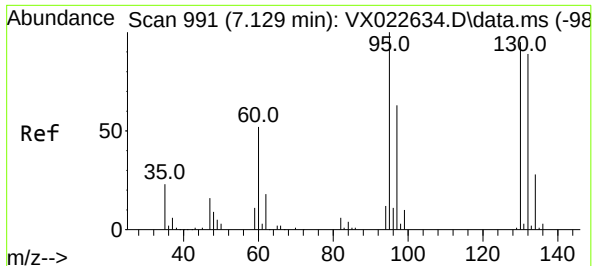


#38
Carbon Tetrachloride
Concen: 6.80 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30



Tgt Ion: 117 Resp: 6604
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

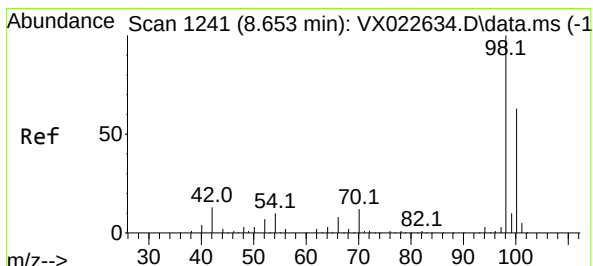
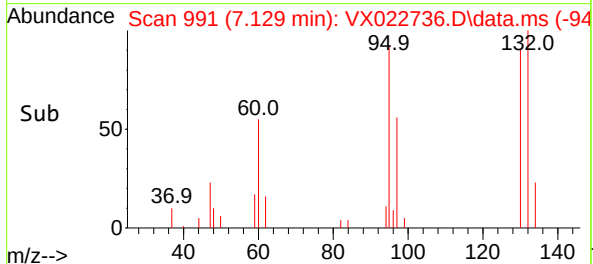
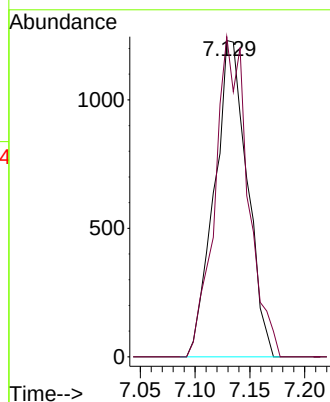
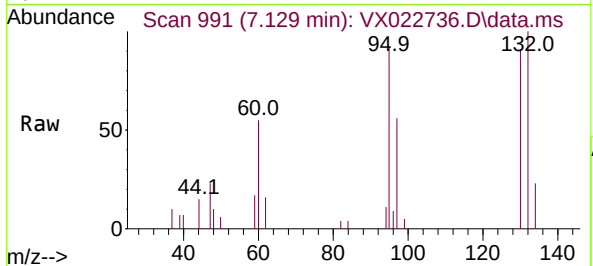




#44
Trichloroethene
Concen: 3.24 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

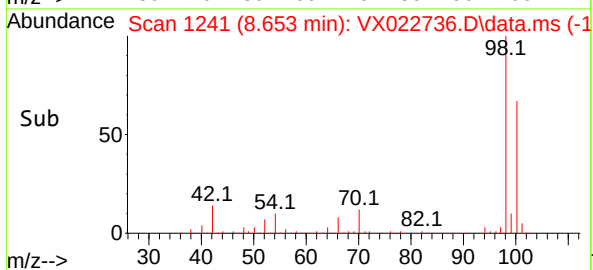
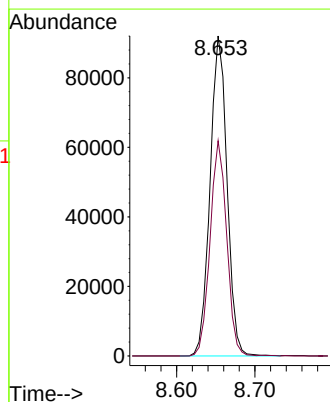
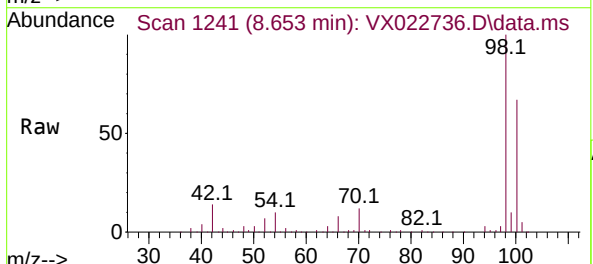
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

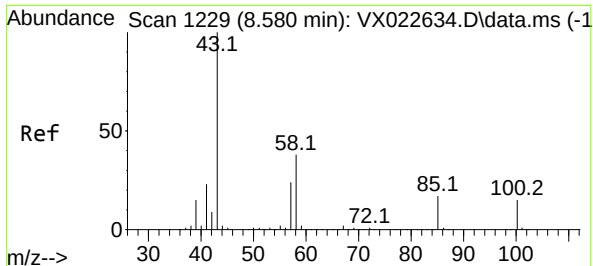
Tgt Ion:130 Resp: 2570
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 98 Resp: 138466
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

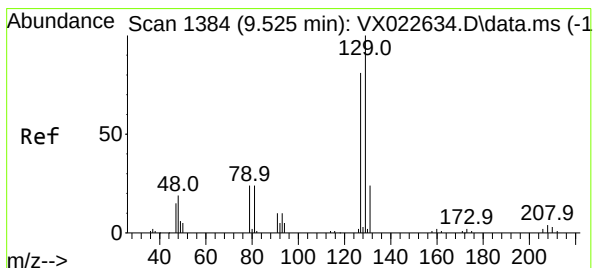
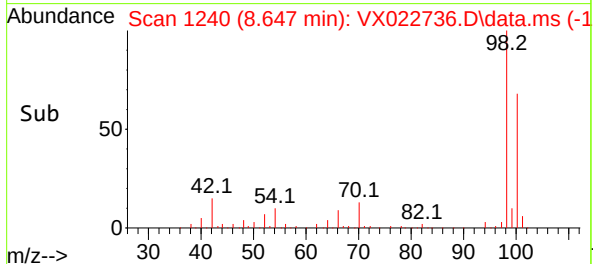
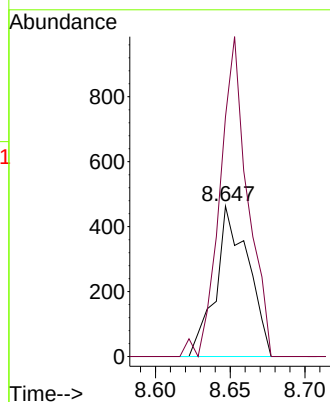
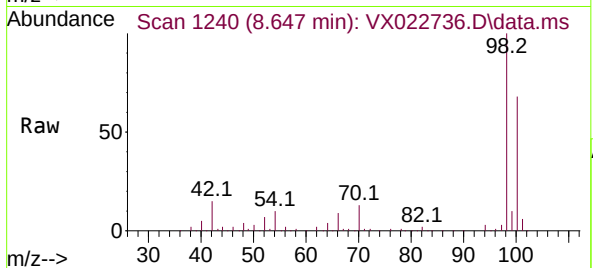




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

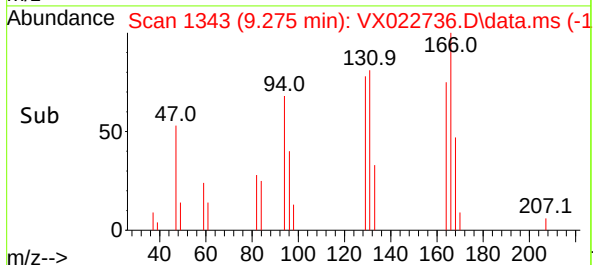
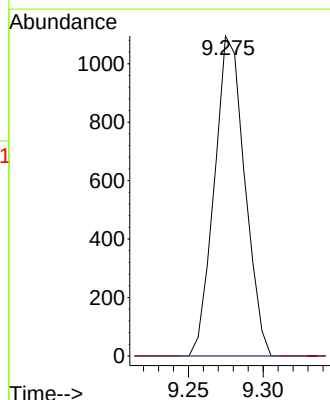
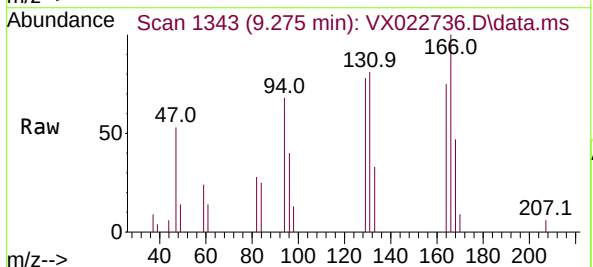
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

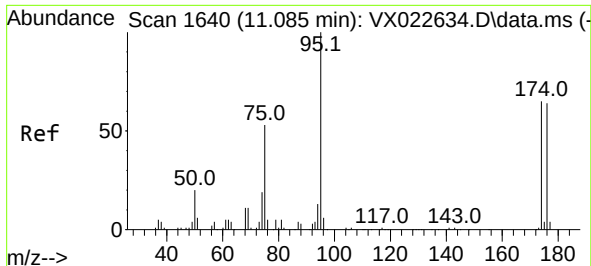
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 181.4 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.88 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 129 Resp: 1543
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

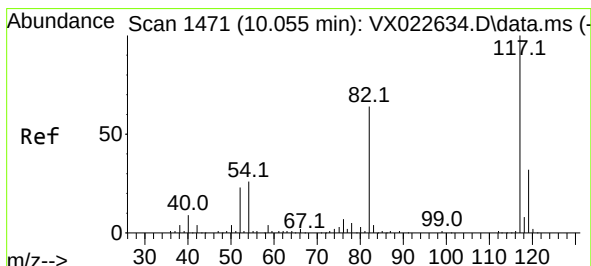
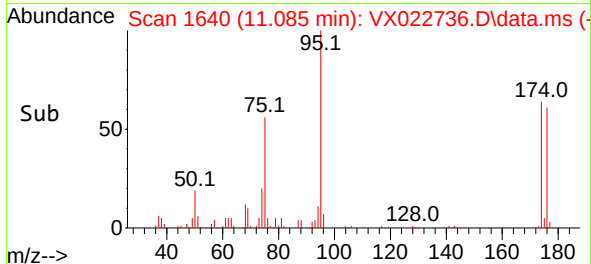
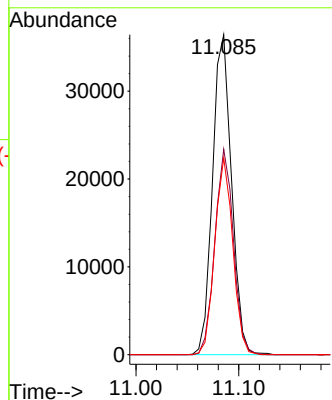
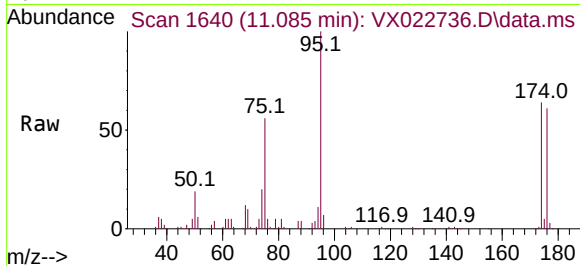




#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

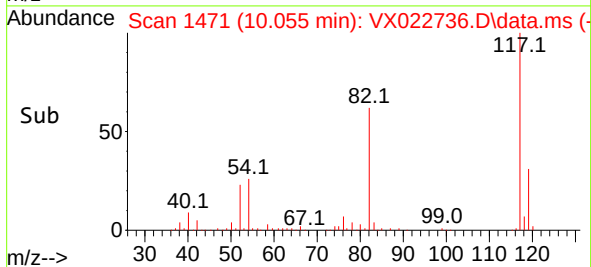
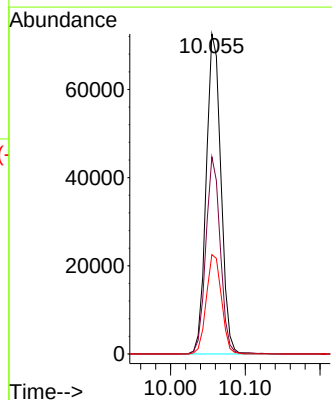
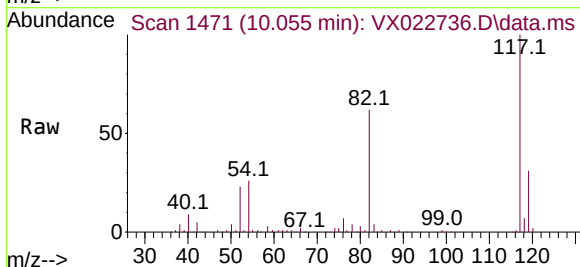
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

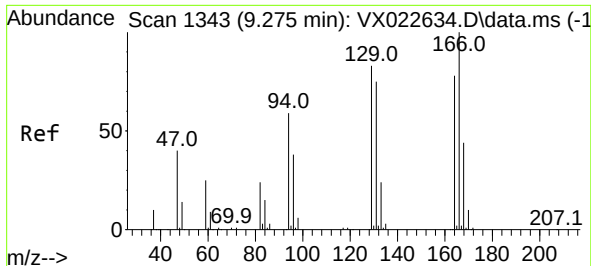
Tgt Ion: 95 Resp: 46773
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 58.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 117 Resp: 99174
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.0 26.6 39.8

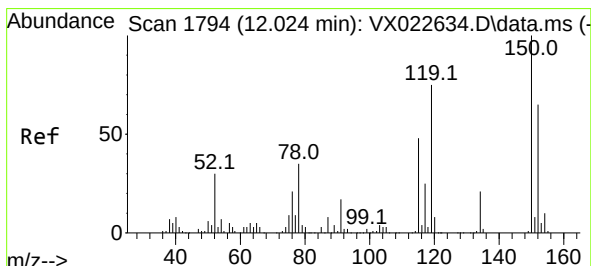
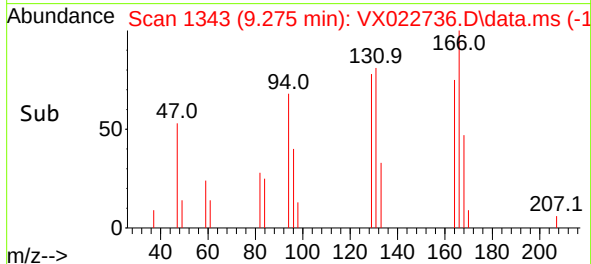
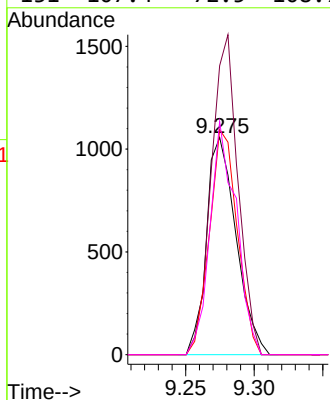
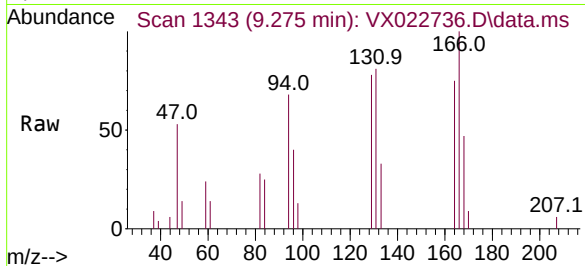




#64
Tetrachloroethene
Concen: 2.54 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

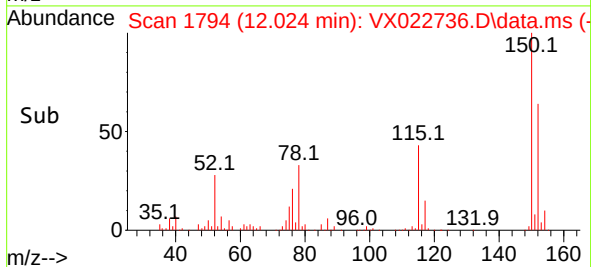
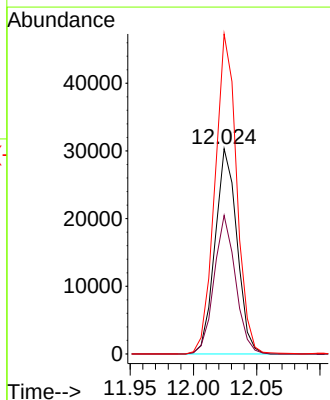
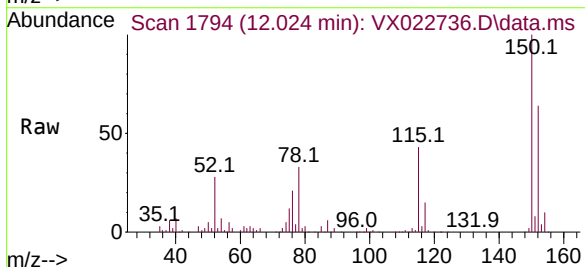
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

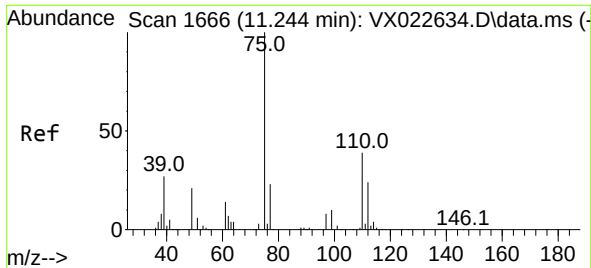
Tgt Ion:	164	Resp:	1590
Ion	Ratio	Lower	Upper
164	100		
166	133.0	103.4	155.2
129	103.6	70.8	106.2
131	107.4	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion:	152	Resp:	36475
Ion	Ratio	Lower	Upper
152	100		
115	66.0	41.1	123.3
150	154.6	0.0	349.0

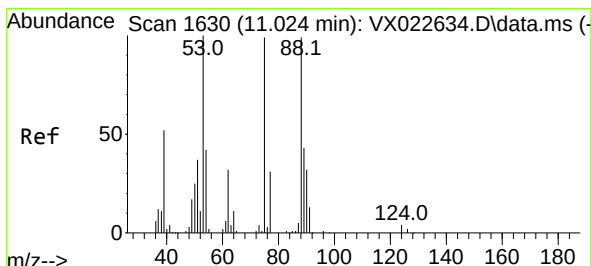
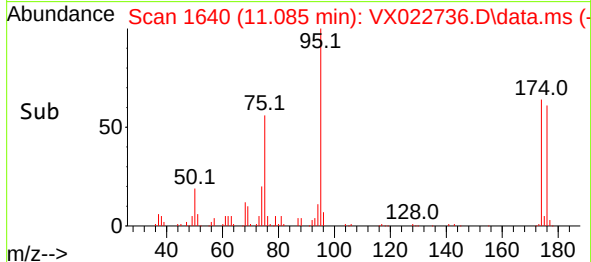
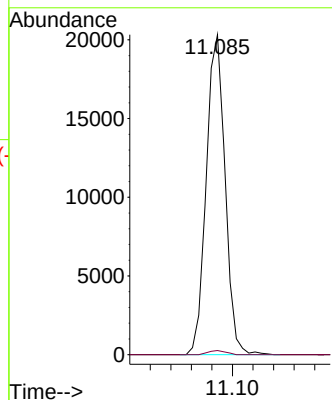
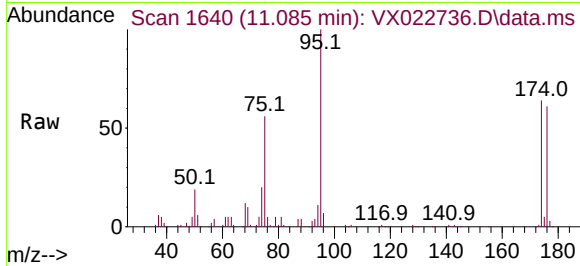




#76
1,2,3-Trichloropropane
Concen: 26.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210616

Tgt Ion: 75 Resp: 25879
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022736.D
Acq: 17 Jun 2021 13:30

Tgt Ion: 75 Resp: 25879
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

