

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024011.D
 Acq On : 30 Aug 2021 13:55
 Operator : JC/MD
 Sample : M3547-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK-8-25-21

Quant Time: Aug 31 03:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

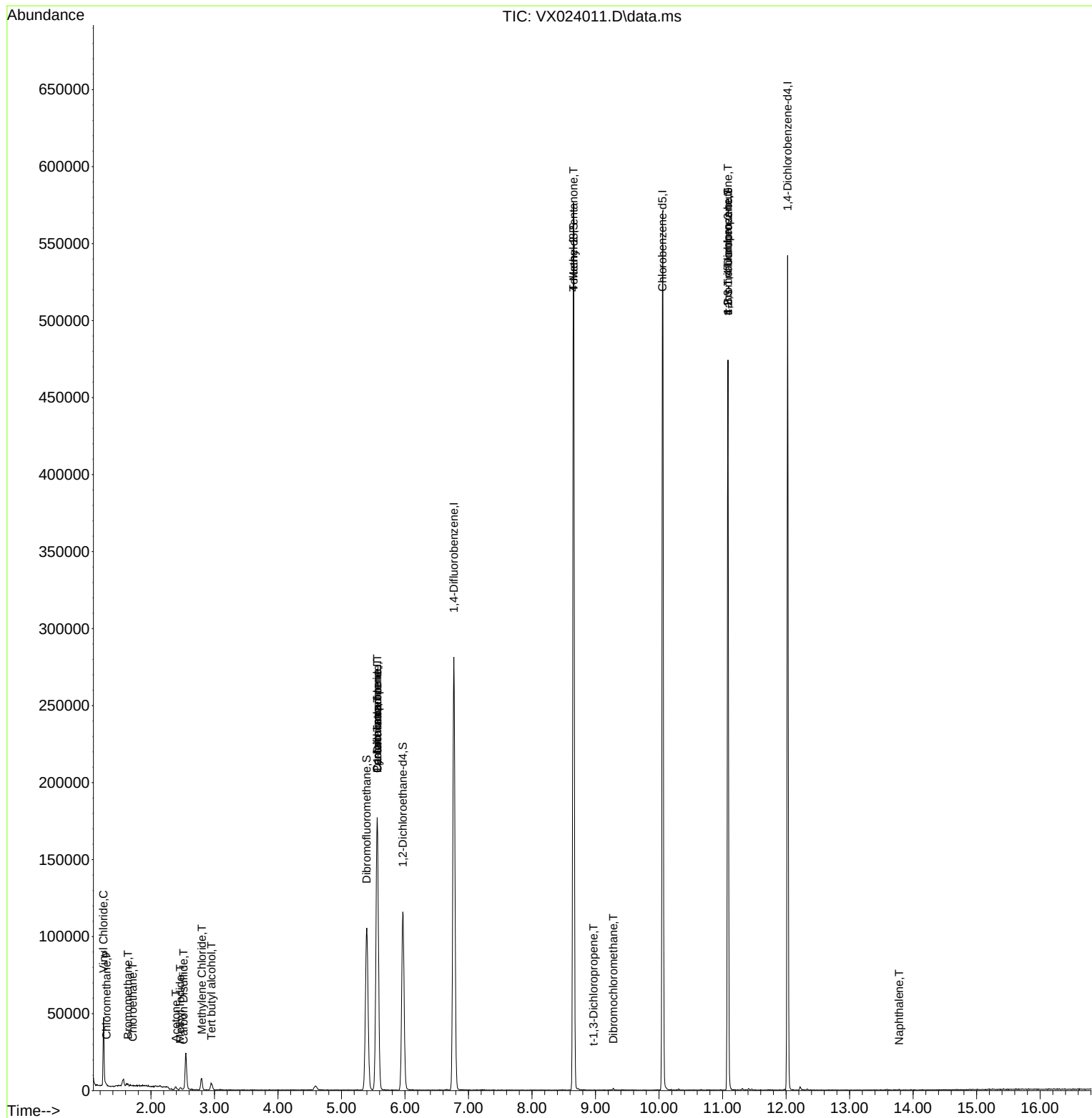
Internal Standards						
1) Pentafluorobenzene	5.562	168	161774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116522	51.607	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.220%		
35) Dibromofluoromethane	5.397	113	91379	50.316	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.640%		
50) Toluene-d8	8.653	98	334789	48.434	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.860%		
62) 4-Bromofluorobenzene	11.085	95	119649	47.021	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.040%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	557	0.297	ug/l #	83
4) Vinyl Chloride	1.252	62	400	0.219	ug/l #	1
5) Bromomethane	1.636	94	892	0.776	ug/l	95
6) Chloroethane	1.715	64	297	2.403	ug/l #	43
10) Methyl Iodide	2.459	142	1723	0.762	ug/l	97
11) Tert butyl alcohol	2.953	59	2956	6.474	ug/l #	73
16) Acetone	2.392	43	2071	2.051	ug/l #	87
17) Carbon Disulfide	2.514	76	839	0.227	ug/l #	75
20) Methylene Chloride	2.800	84	3298	1.710	ug/l #	87
31) Cyclohexane	5.562	56	3801	1.310	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	13240	5.210	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17058	6.438	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1739	0.551	ug/l #	1
53) t-1,3-Dichloropropene	8.970	75	34	2.147	ug/l #	44
60) Dibromochloromethane	9.281	129	70	1.719	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	65305	27.218	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	65305	80.064	ug/l #	12
95) Naphthalene	13.780	128	386	1.332	ug/l #	69

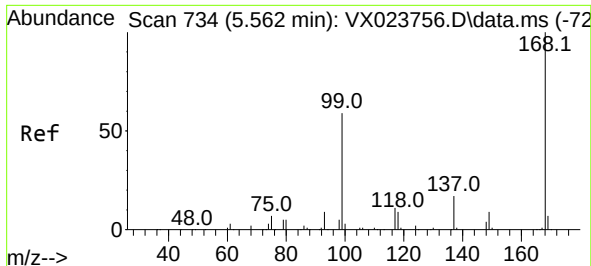
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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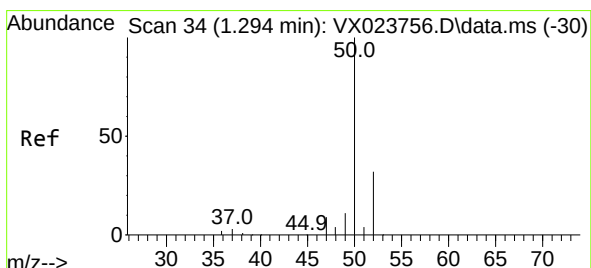
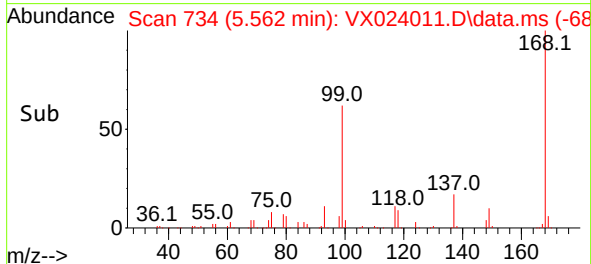
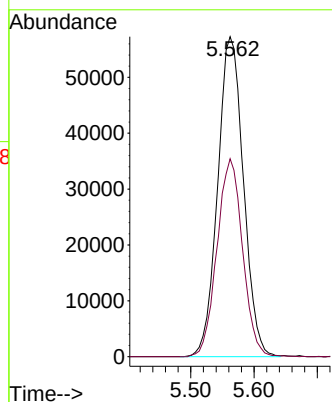
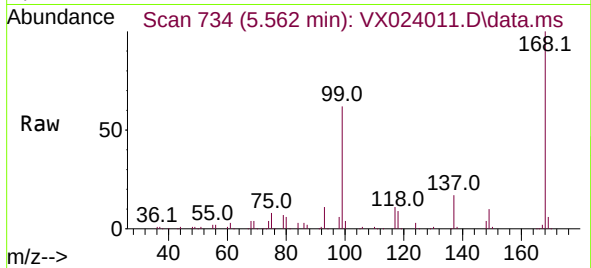




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

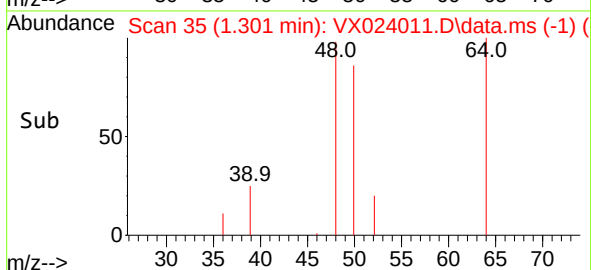
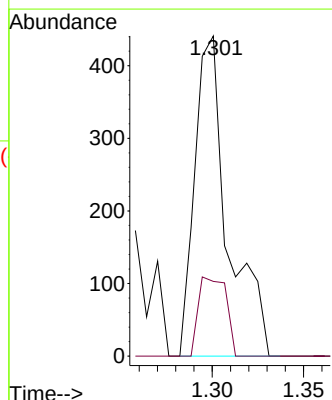
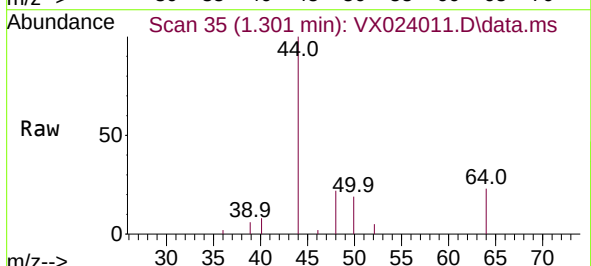
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

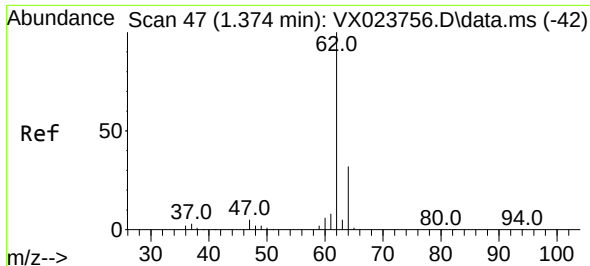
Tgt Ion:168 Resp: 161774
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 23.4 26.4 39.6#

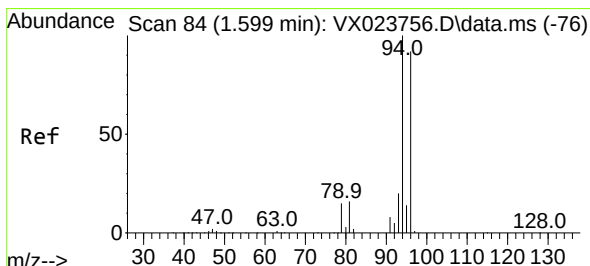
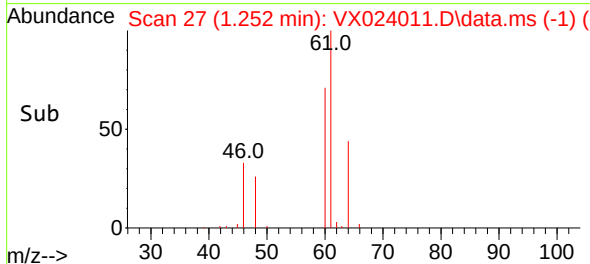
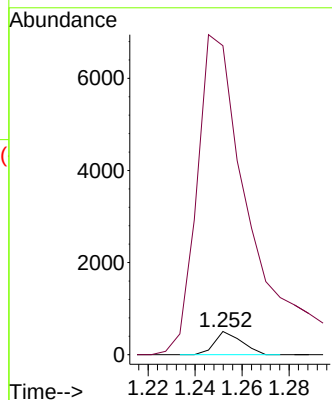
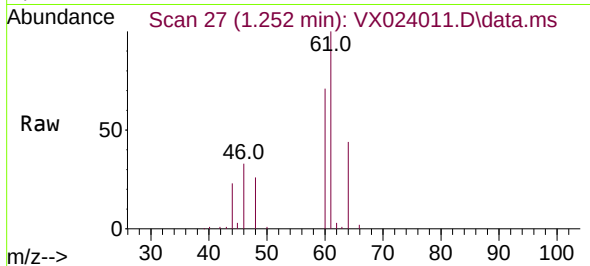




#4
 Vinyl Chloride
 Concen: 0.219 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024011.D
 Acq: 30 Aug 2021 13:55

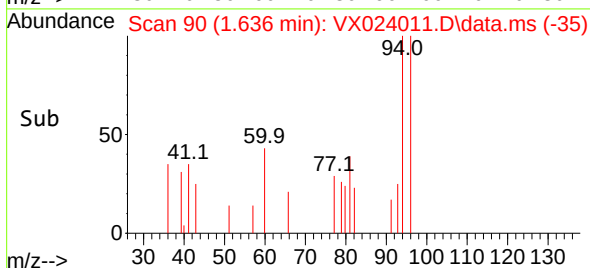
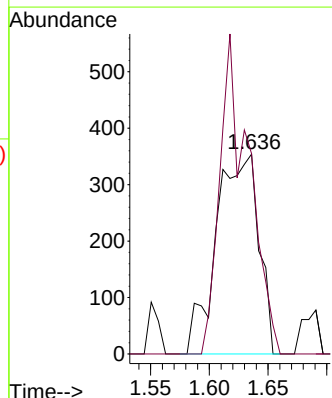
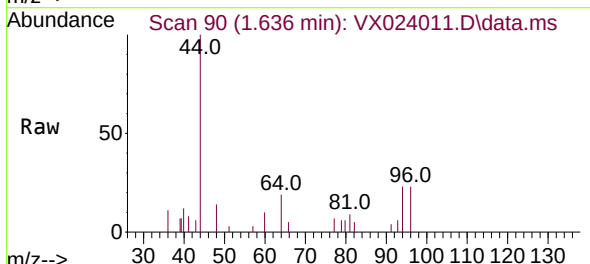
Instrument :
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 ClientSampleId :
 TRIP-BLANK-8-25-21

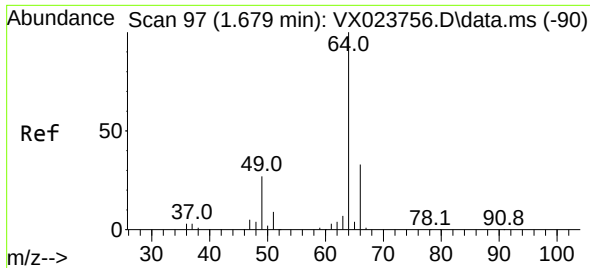
Tgt Ion: 62 Resp: 400
 Ion Ratio Lower Upper
 62 100
 64 1243.9 25.7 38.5#



#5
 Bromomethane
 Concen: 0.776 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.037 min
 Lab File: VX024011.D
 Acq: 30 Aug 2021 13:55

Tgt Ion: 94 Resp: 892
 Ion Ratio Lower Upper
 94 100
 96 100.3 76.4 114.6

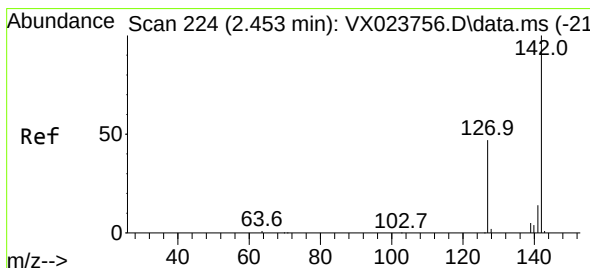
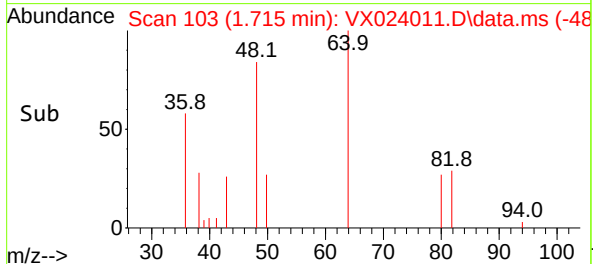
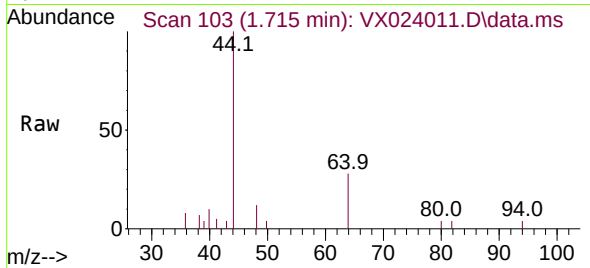




#6
Chloroethane
Concen: 2.403 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

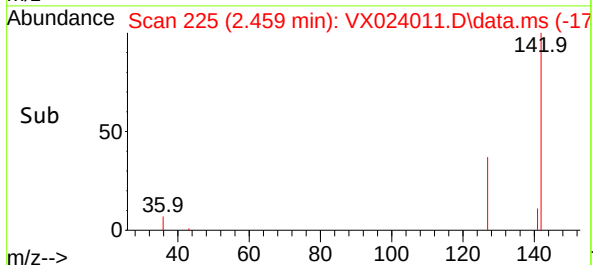
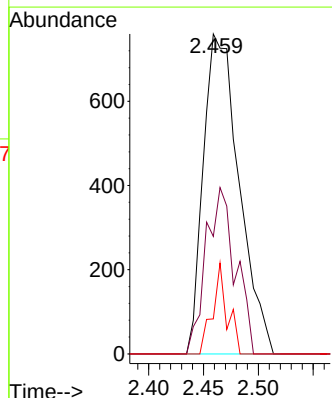
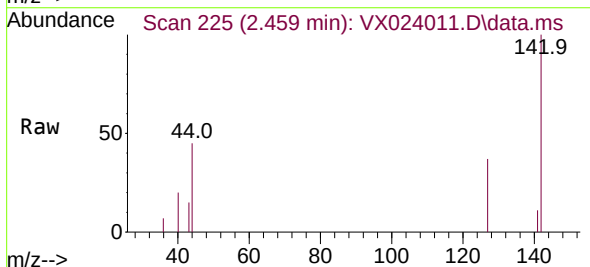
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MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

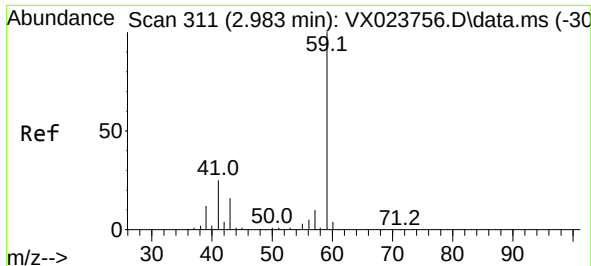
Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.762 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 142 Resp: 1723
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 11.5 11.4 17.0

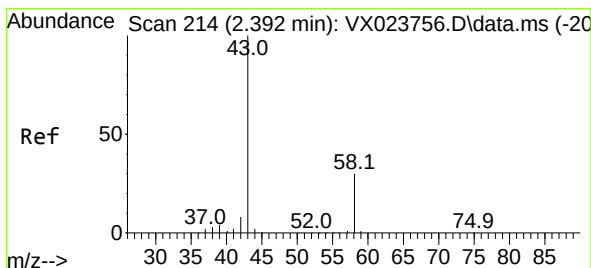
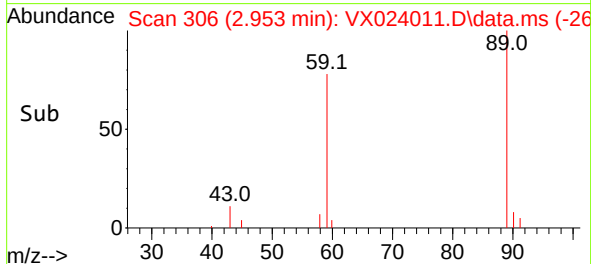
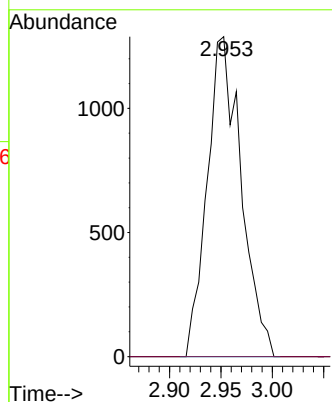
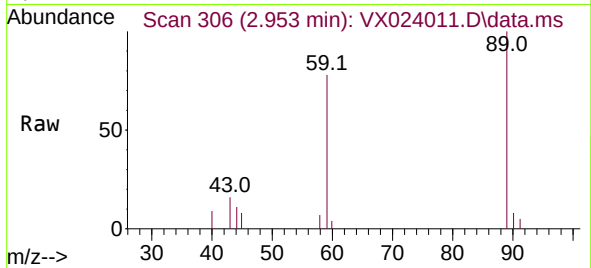




#11
Tert butyl alcohol
Concen: 6.474 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

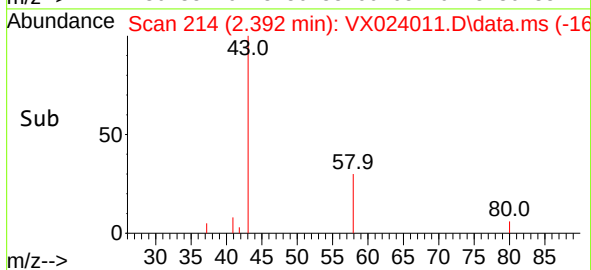
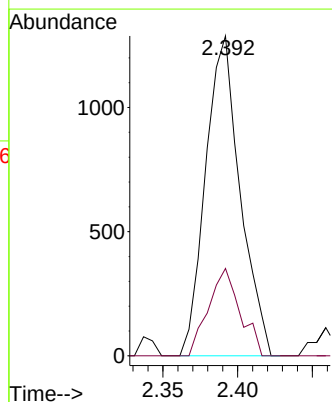
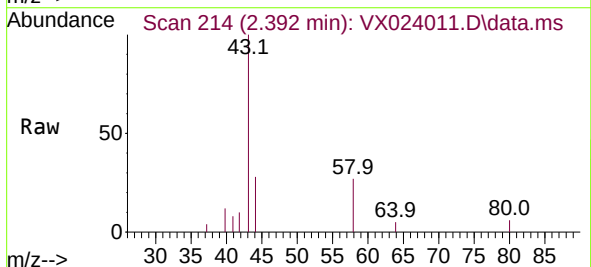
Instrument :
MSVOA_X
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TRIP-BLANK-8-25-21

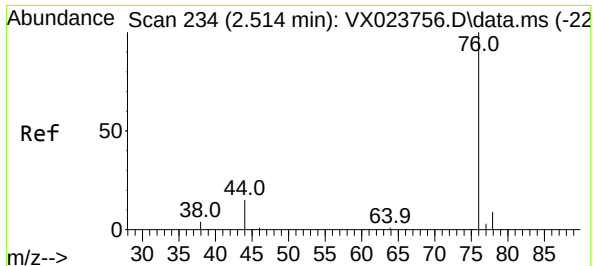
Tgt Ion: 59 Resp: 2956
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.051 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

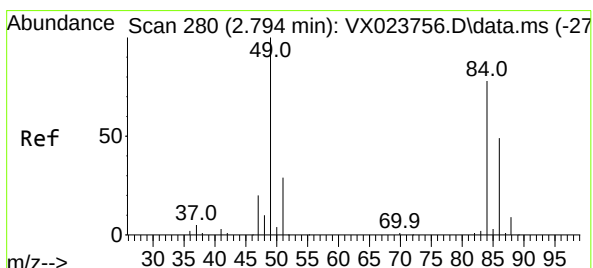
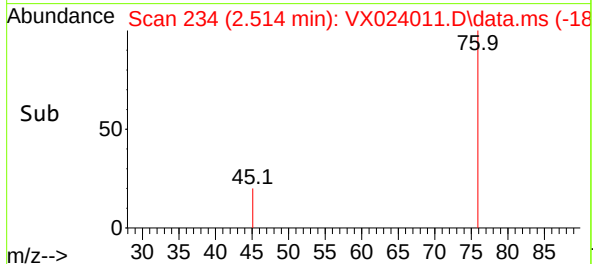
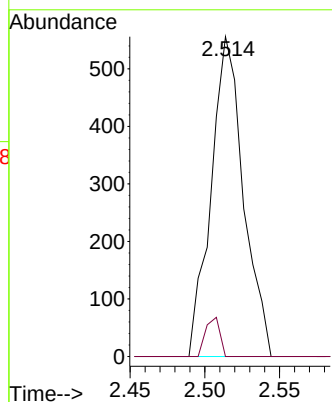
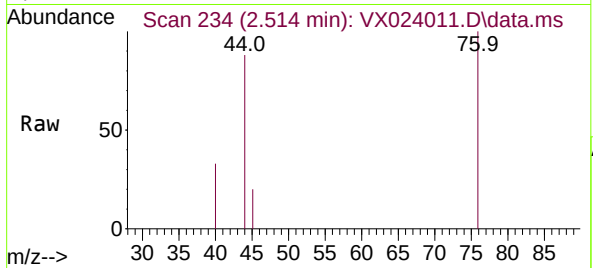




#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

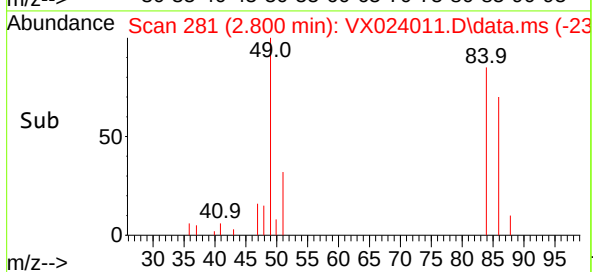
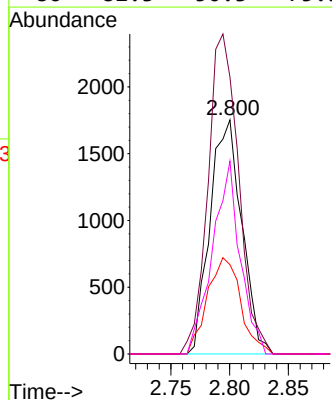
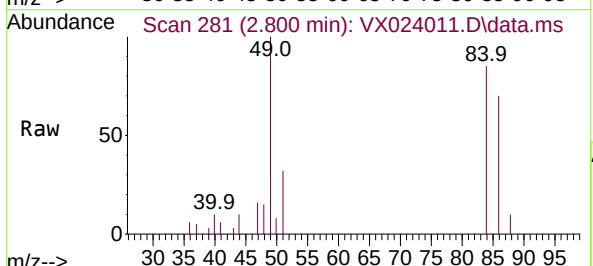
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

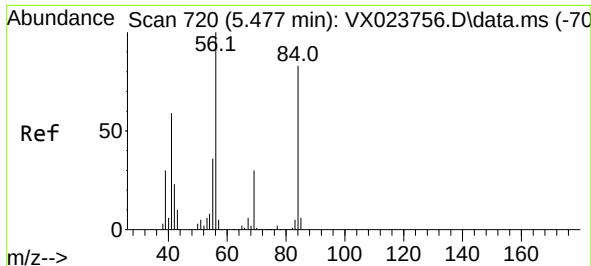
Tgt Ion: 76 Resp: 839
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.710 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 84 Resp: 3298
Ion Ratio Lower Upper
84 100
49 118.2 88.6 132.8
51 38.1 27.0 40.6
86 82.3 50.3 75.5#

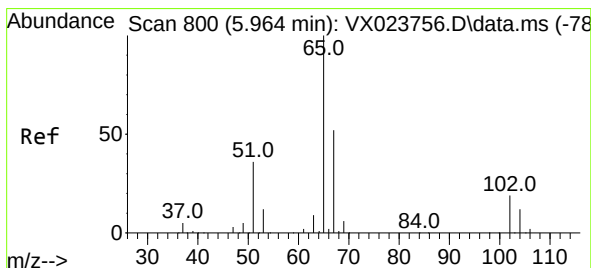
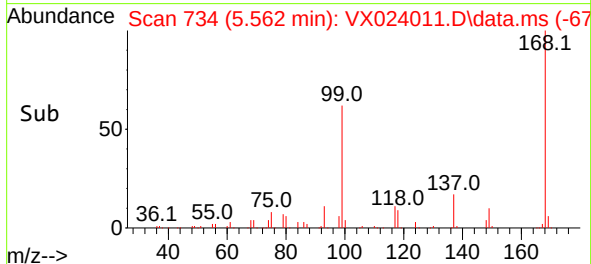
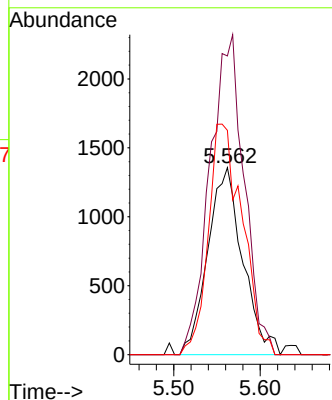
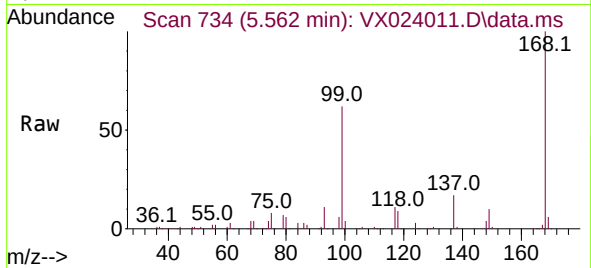




#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

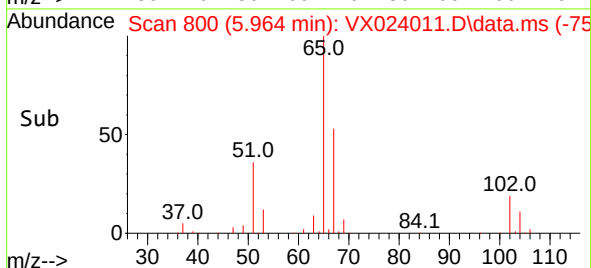
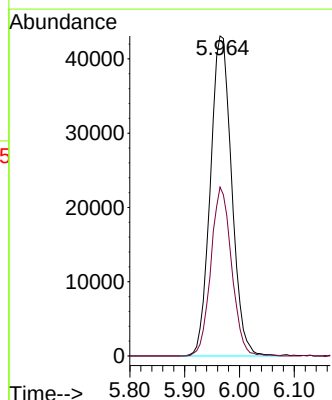
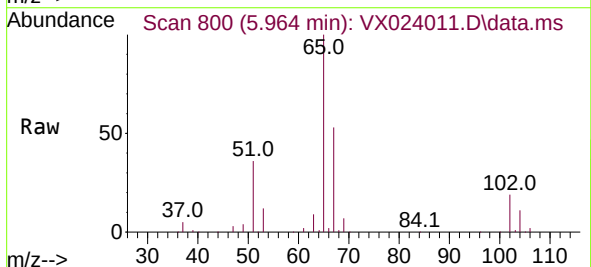
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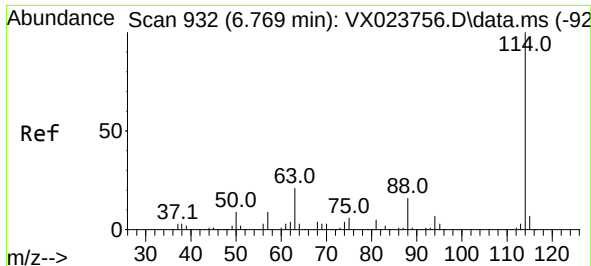
Tgt Ion: 56 Resp: 3801
Ion Ratio Lower Upper
56 100
69 159.7 25.3 37.9#
84 119.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.607 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 65 Resp: 116522
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

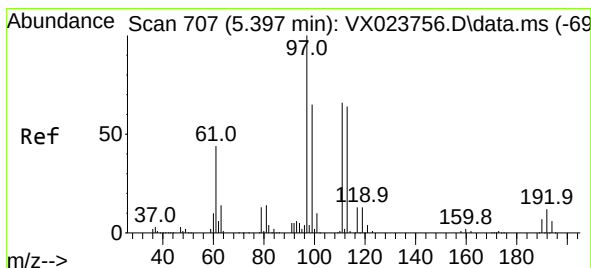
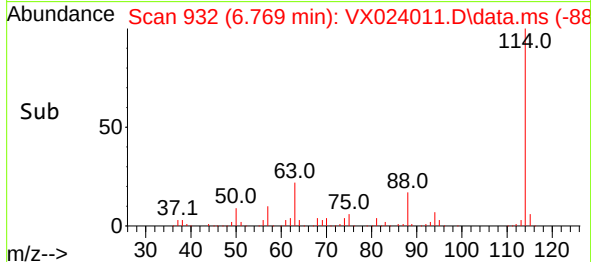
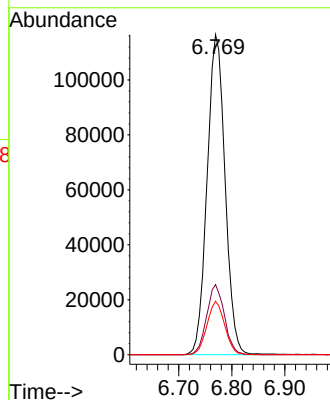
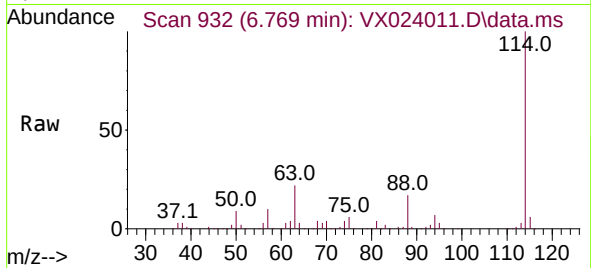




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

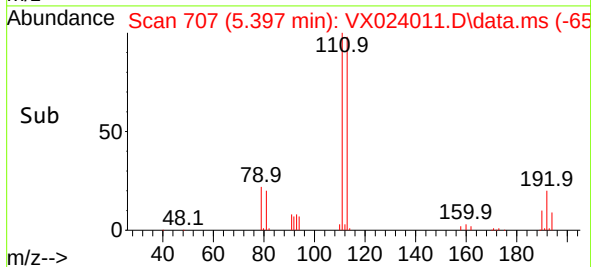
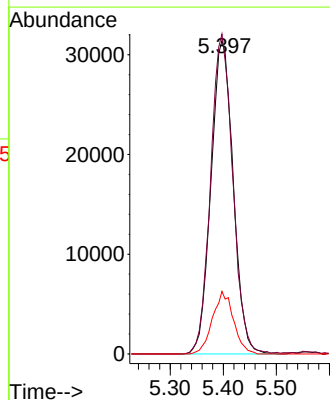
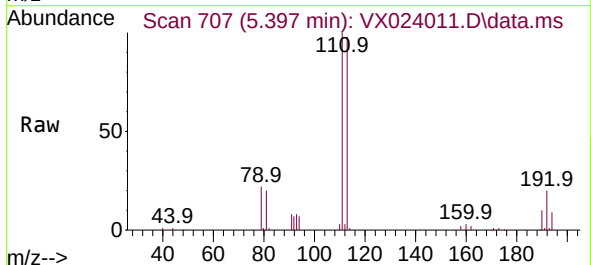
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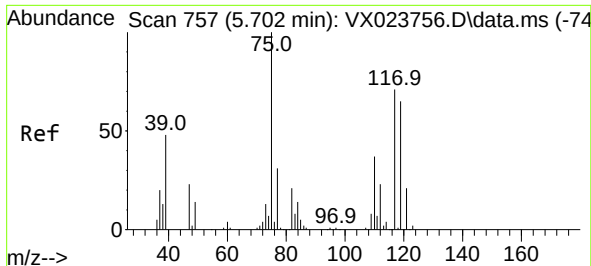
Tgt Ion:114 Resp: 274389
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.316 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion:113 Resp: 91379
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.9 16.7 25.1

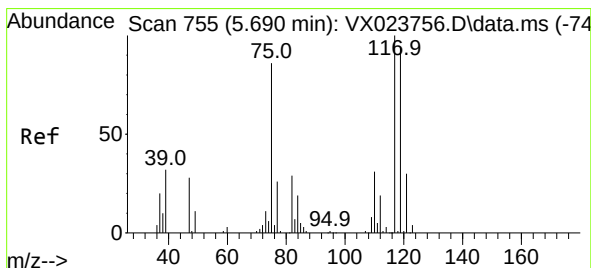
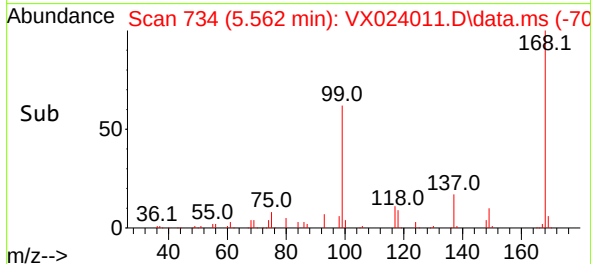
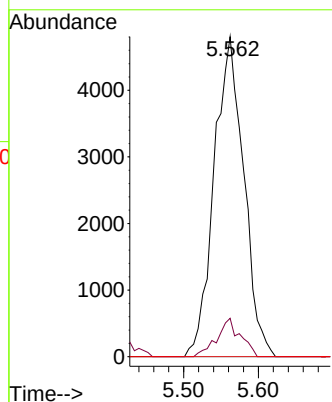
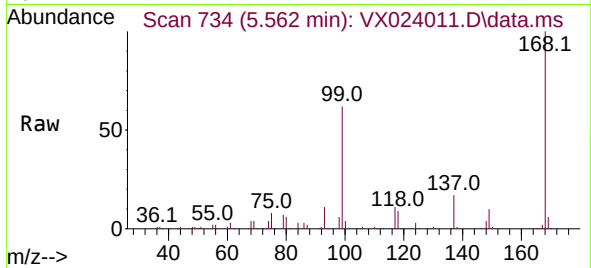




#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

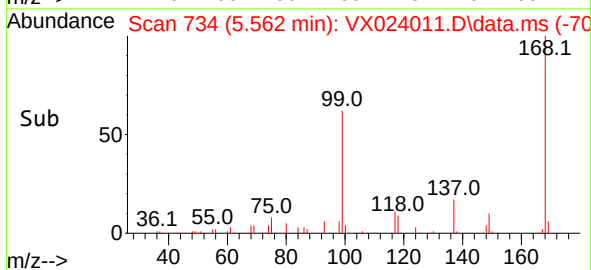
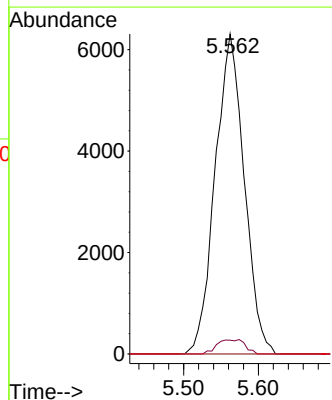
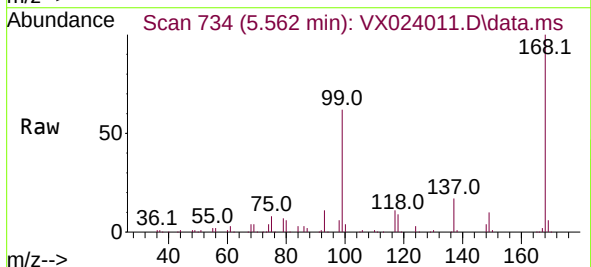
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

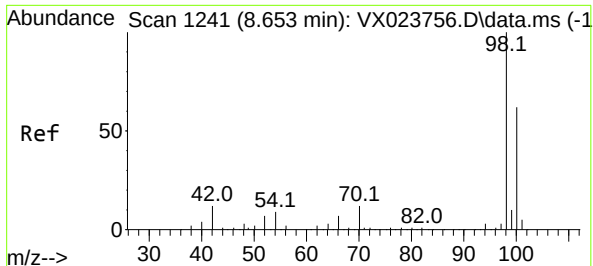
Tgt Ion: 75 Resp: 13240
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 117 Resp: 17058
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

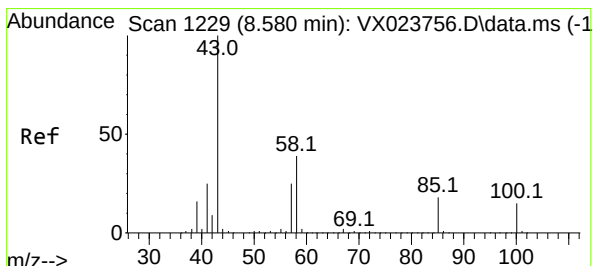
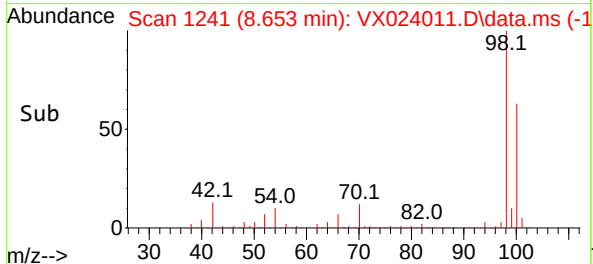
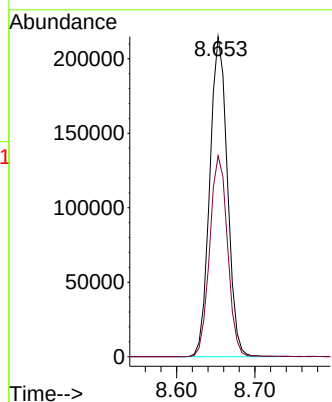
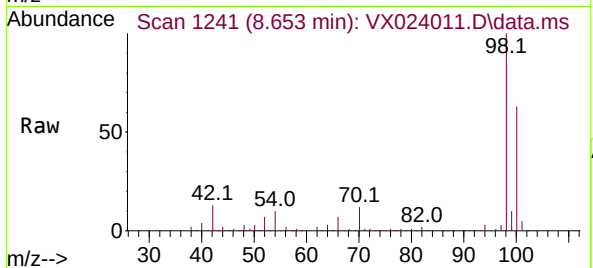




#50
Toluene-d8
Concen: 48.434 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

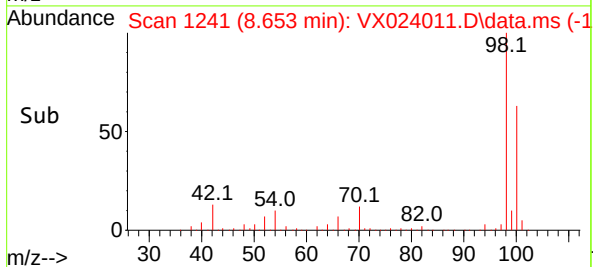
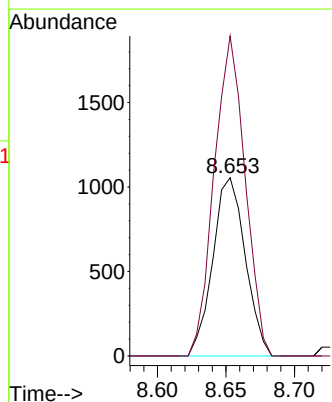
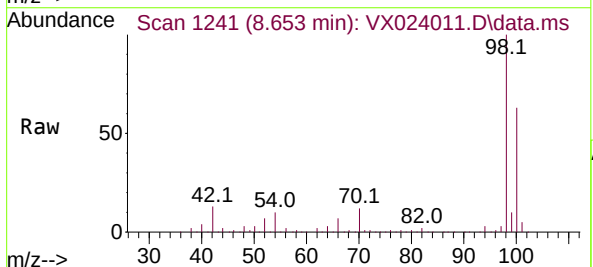
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

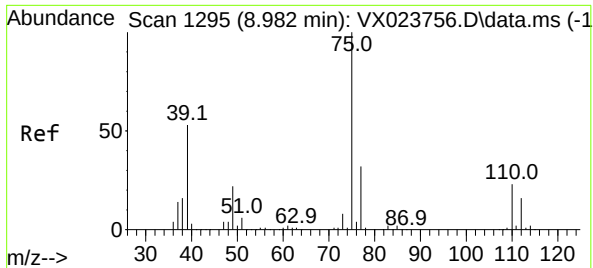
Tgt Ion: 98 Resp: 334789
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 170.9 35.4 53.0#

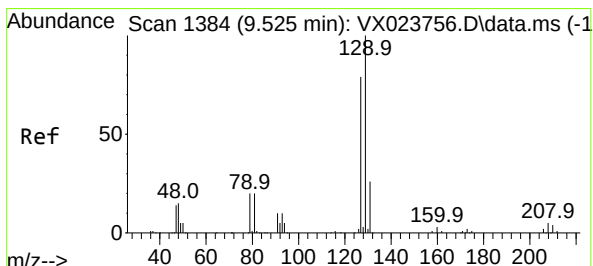
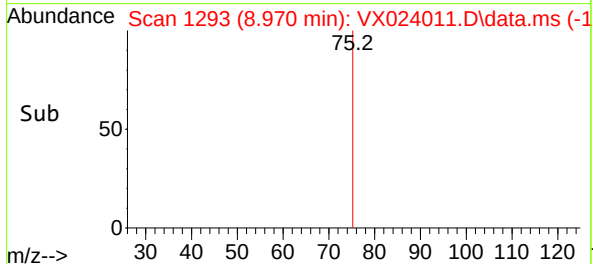
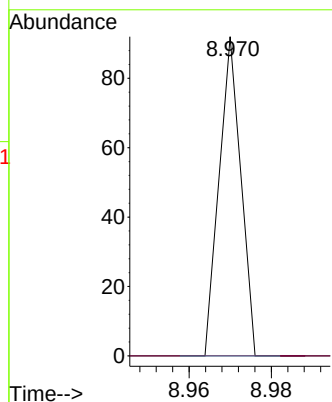
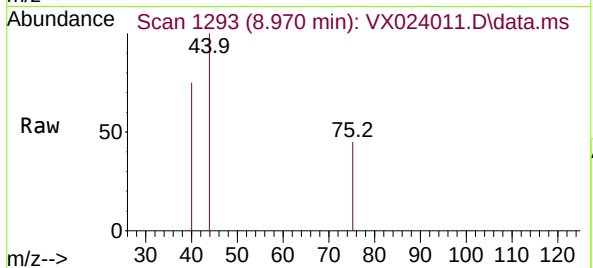




#53
t-1,3-Dichloropropene
Concen: 2.147 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. -0.012 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

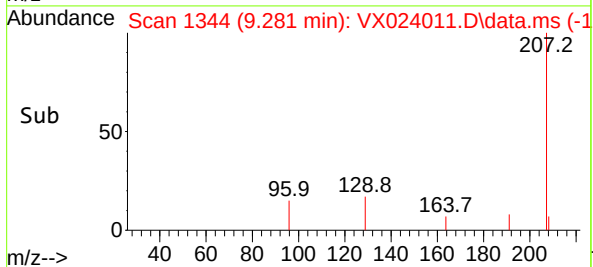
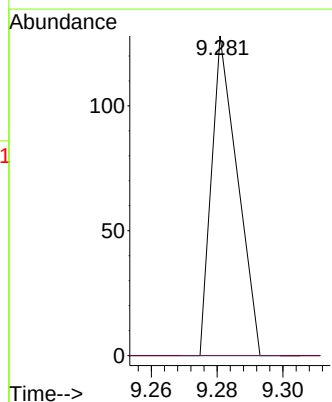
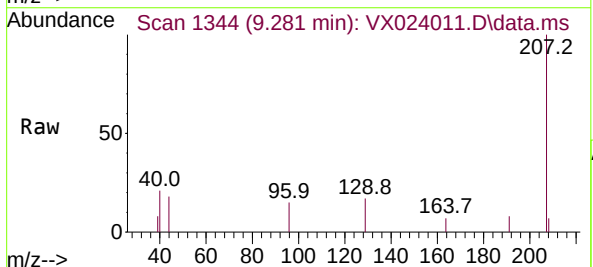
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

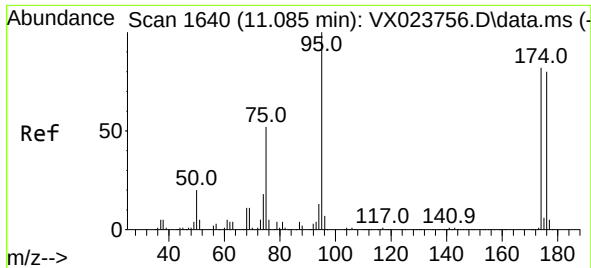
Tgt Ion: 75 Resp: 34
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.719 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion:129 Resp: 70
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

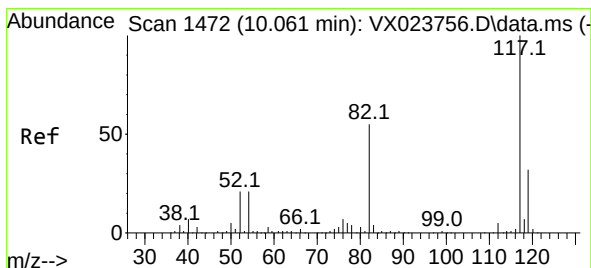
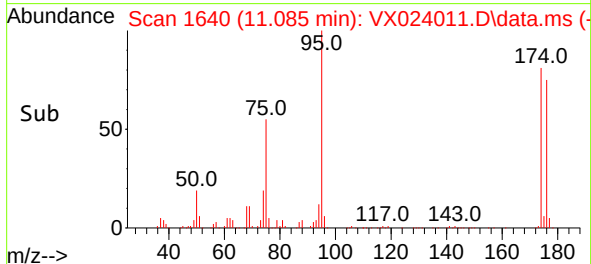
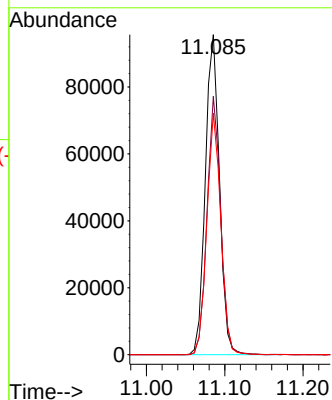
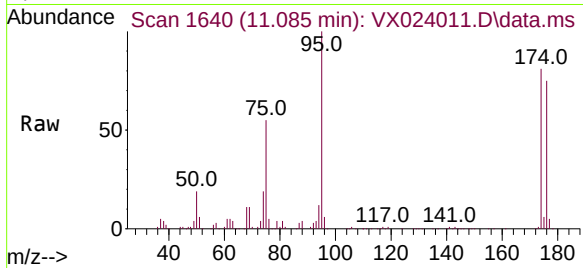




#62
4-Bromofluorobenzene
Concen: 47.021 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

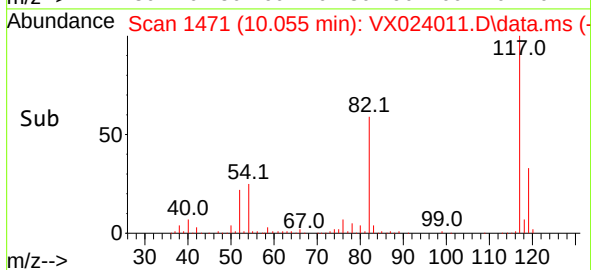
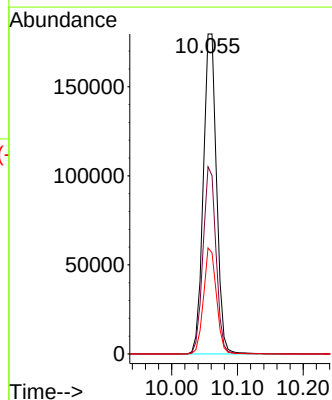
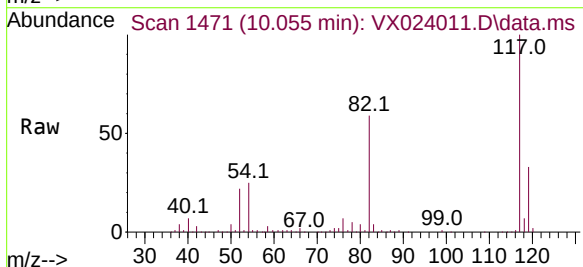
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

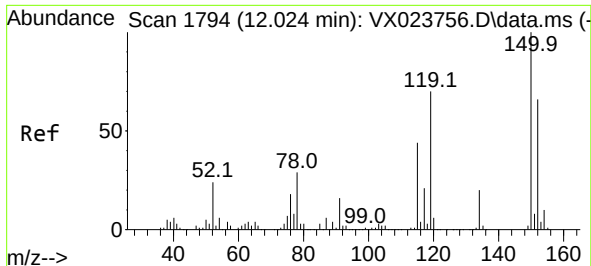
Tgt Ion: 95 Resp: 119649
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 117 Resp: 251124
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 33.1 26.6 39.8

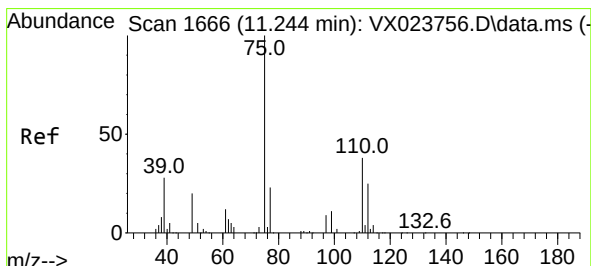
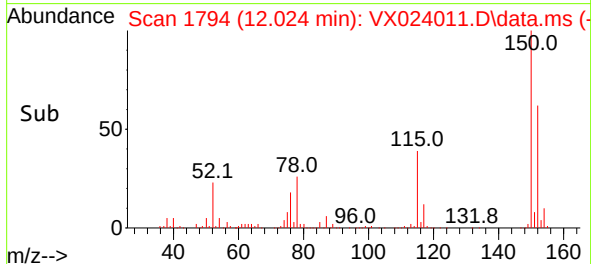
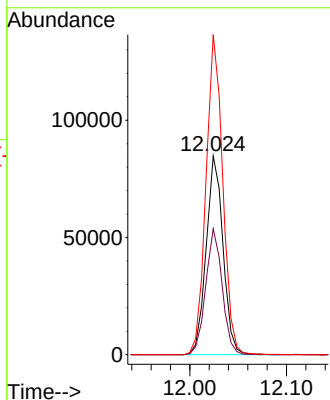
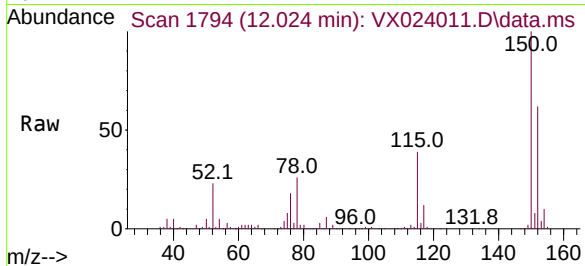




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024011.D
 Acq: 30 Aug 2021 13:55

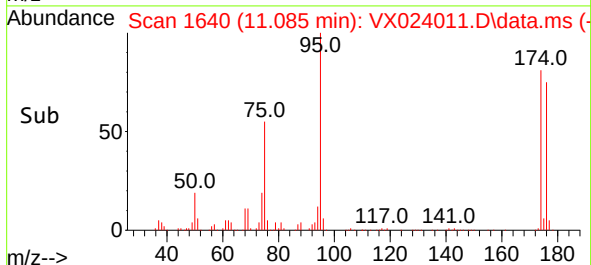
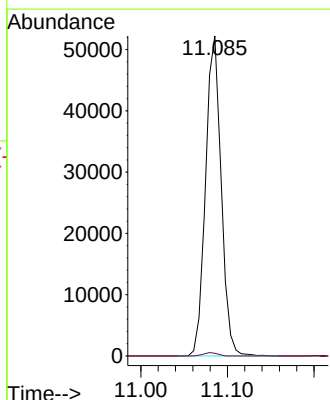
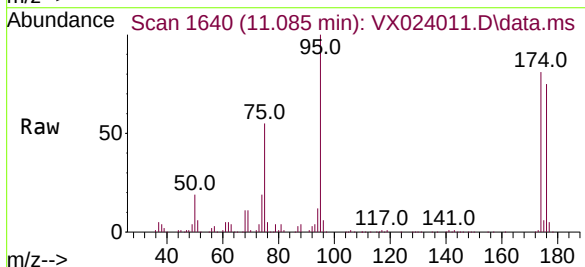
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK-8-25-21

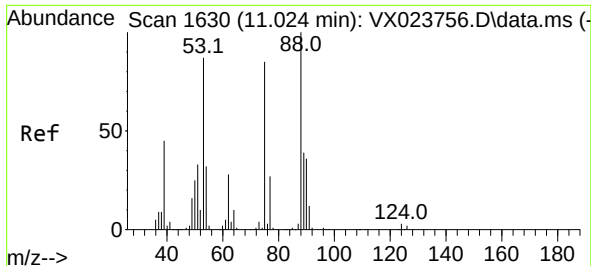
Tgt Ion:152 Resp: 102853
 Ion Ratio Lower Upper
 152 100
 115 62.0 41.1 123.3
 150 159.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.218 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024011.D
 Acq: 30 Aug 2021 13:55

Tgt Ion: 75 Resp: 65305
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

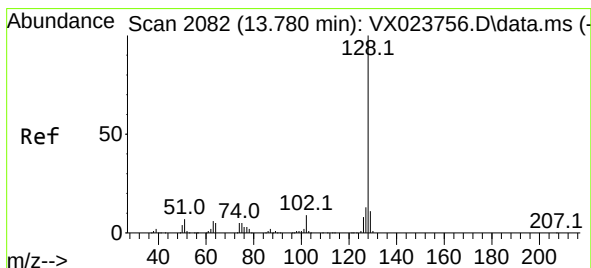
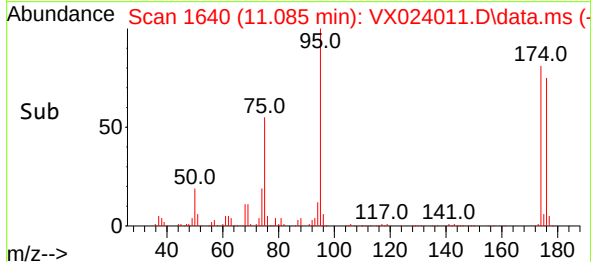
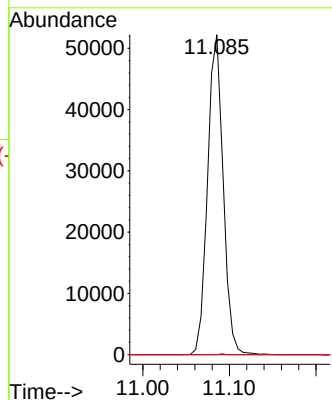
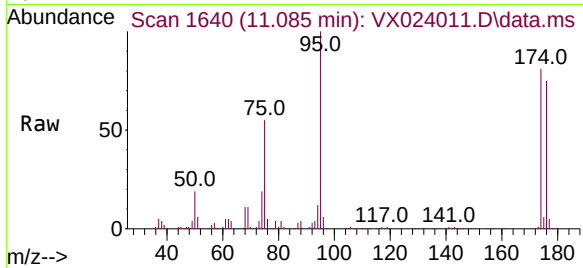




#81
trans-1,4-Dichloro-2-butene
Concen: 80.064 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-8-25-21

Tgt Ion: 75 Resp: 65305
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.332 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024011.D
Acq: 30 Aug 2021 13:55

Tgt Ion: 128 Resp: 386
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

