

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024569.D
 Acq On : 05 Oct 2021 14:29
 Operator : JC/MD
 Sample : M4044-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 06 06:48:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

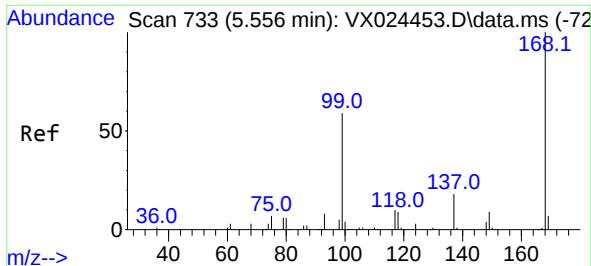
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	161709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	280990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	243331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112816	49.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.000%		
35) Dibromofluoromethane	5.397	113	93408	50.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.080%		
50) Toluene-d8	8.653	98	306610	44.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.260%#		
62) 4-Bromofluorobenzene	11.085	95	113640	42.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	408	0.378	ug/l	90
6) Chloroethane	1.691	64	200	0.445	ug/l #	43
10) Methyl Iodide	2.453	142	551	0.247	ug/l #	89
11) Tert butyl alcohol	2.953	59	368	Below Cal	#	73
16) Acetone	2.386	43	560	Below Cal	#	83
17) Carbon Disulfide	2.514	76	324	0.312	ug/l #	75
20) Methylene Chloride	2.788	84	287	Below Cal	#	71
31) Cyclohexane	5.562	56	2930	1.074	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12194	4.527	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16388	5.589	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1515	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	61114	24.472	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61114	66.775	ug/l #	12

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

Quant Time: Oct 06 06:48:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

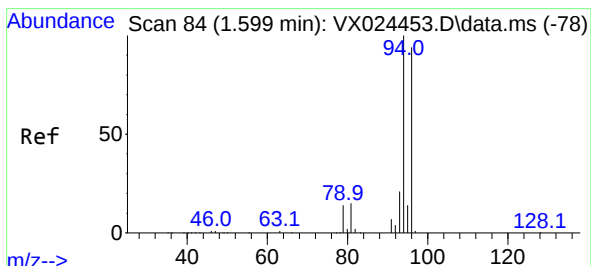
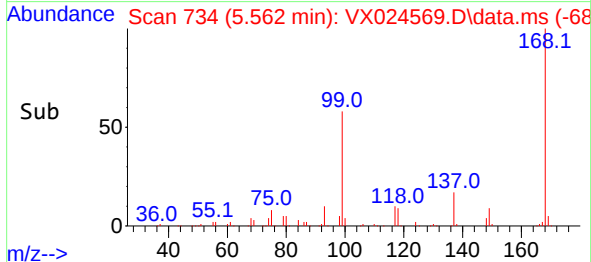
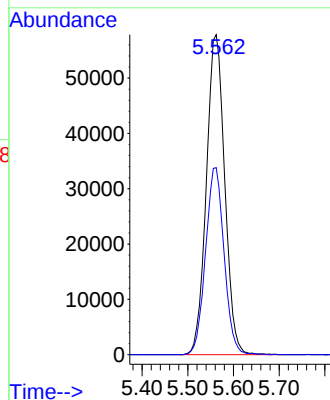
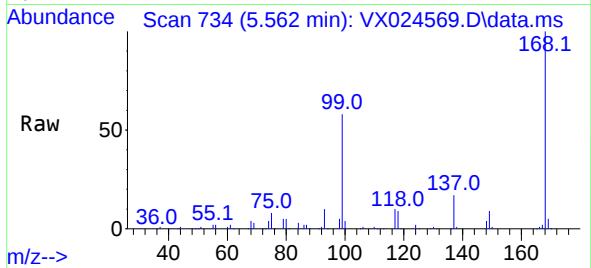




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

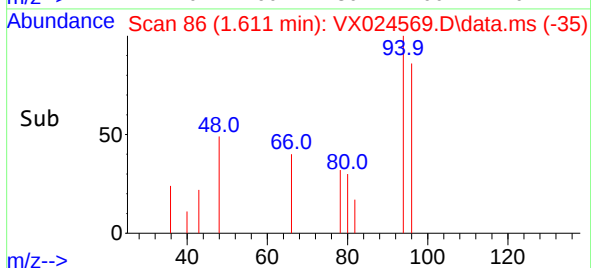
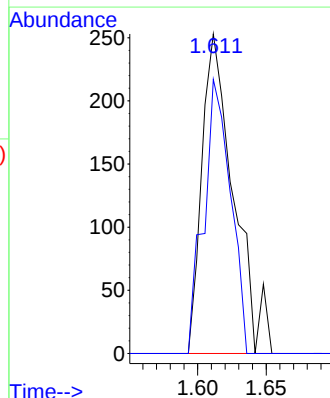
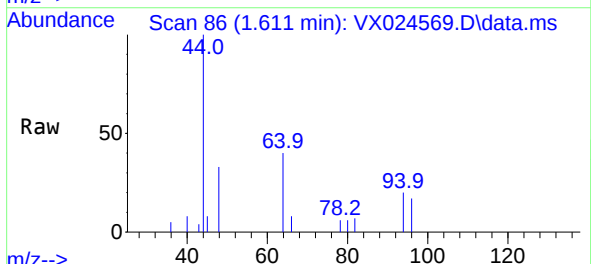
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

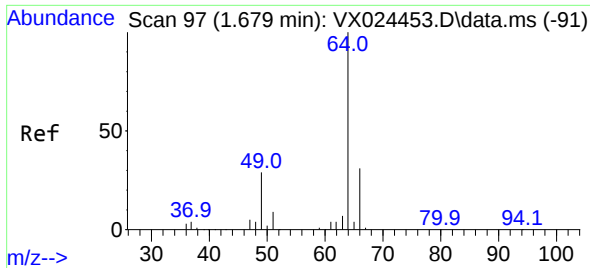
Tgt Ion:168 Resp: 161709
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: 0.378 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 85.8 76.4 114.6

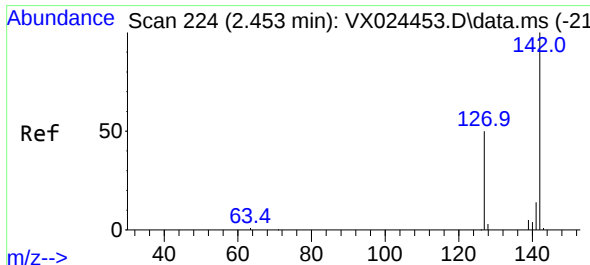
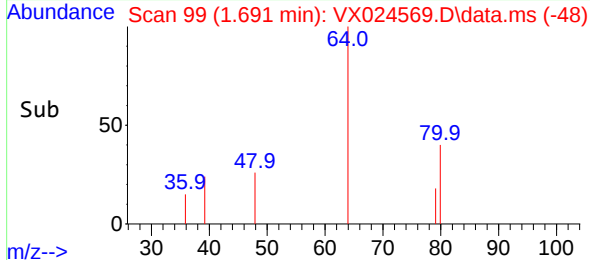
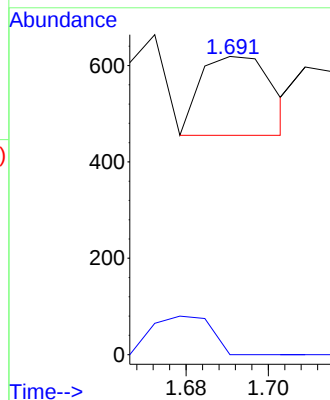
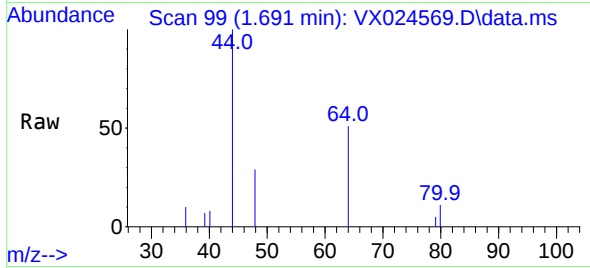




#6
Chloroethane
Concen: 0.445 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

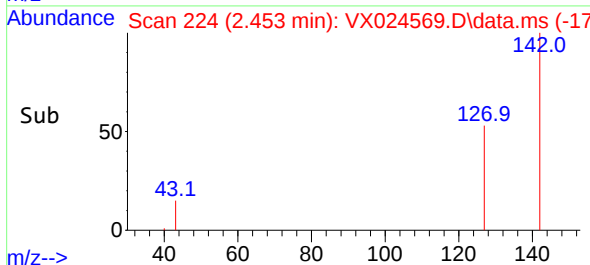
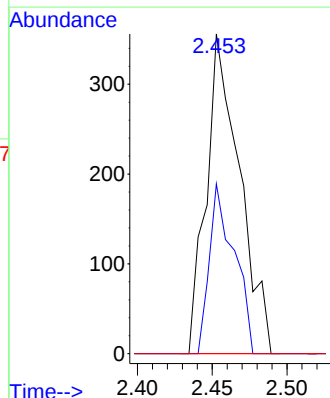
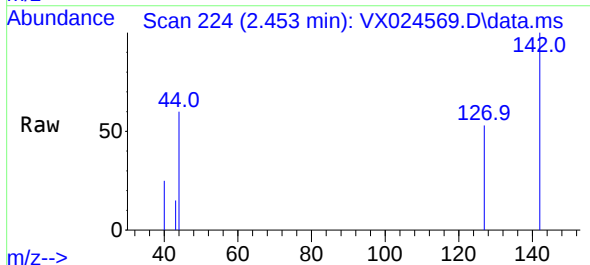
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

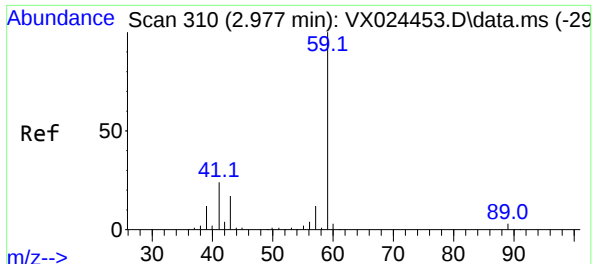
Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 142 Resp: 551
Ion Ratio Lower Upper
142 100
127 39.6 33.3 49.9
141 0.0 11.4 17.0#



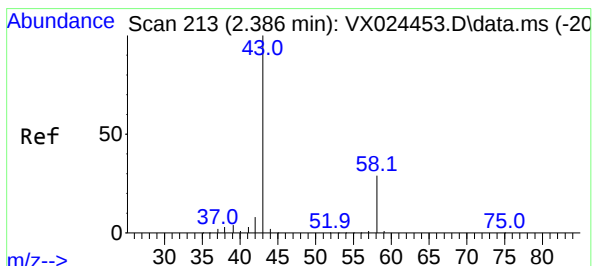
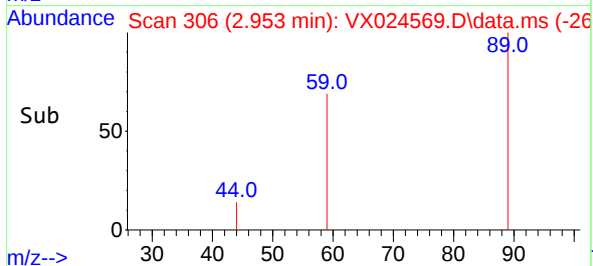
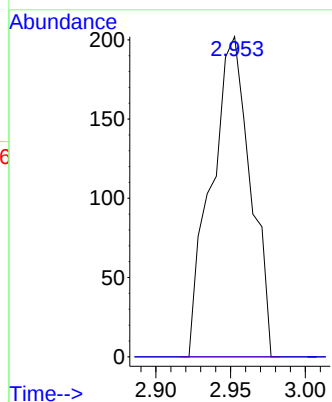
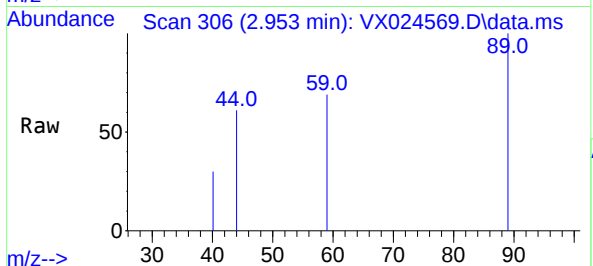


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

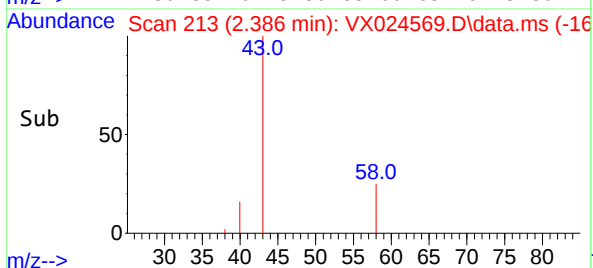
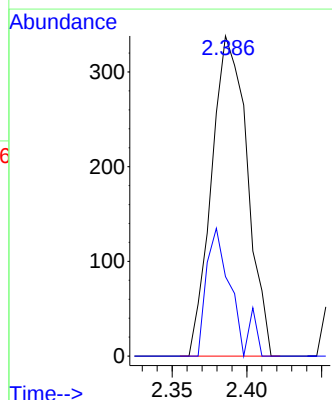
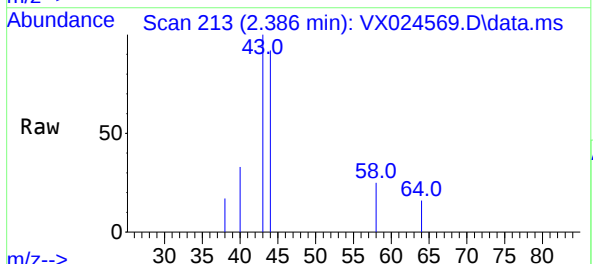
Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

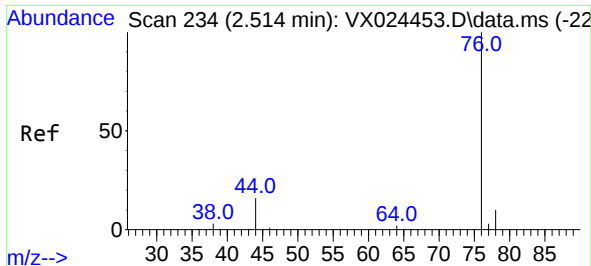


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#

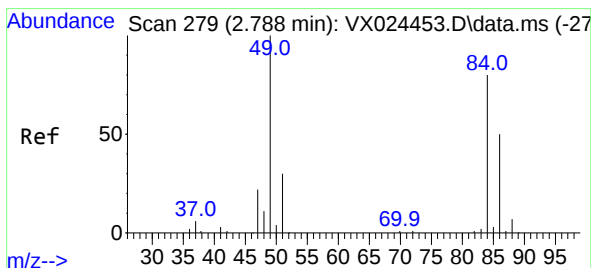
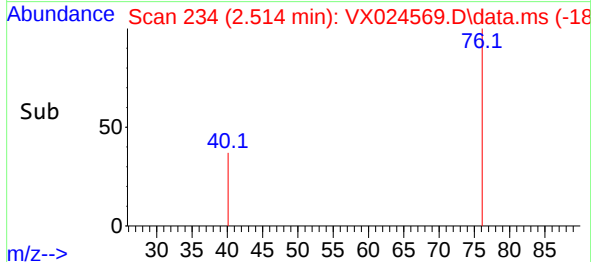
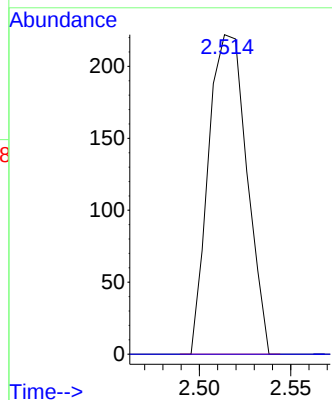
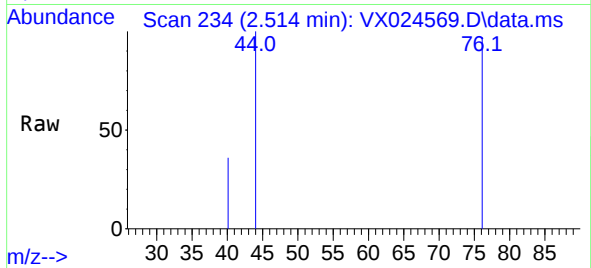




#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

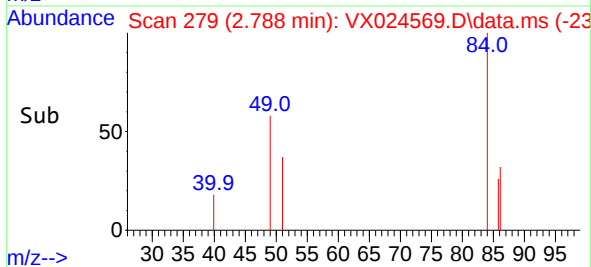
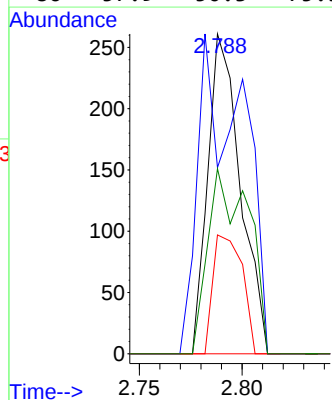
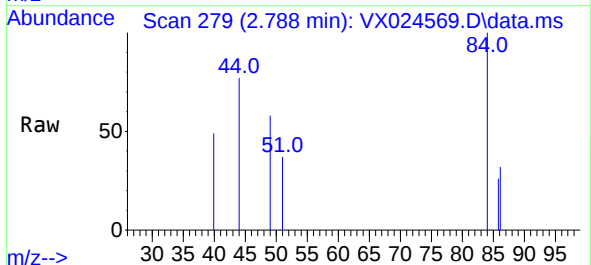
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

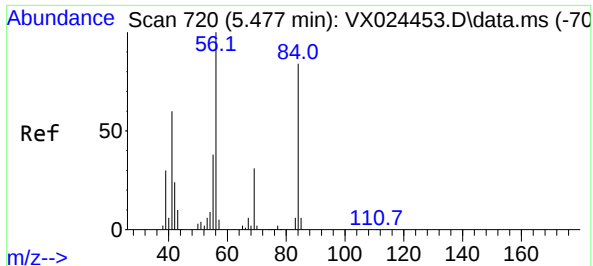
Tgt Ion: 76 Resp: 324
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 58.2 88.6 132.8#
51 37.2 27.0 40.6
86 57.9 50.3 75.5

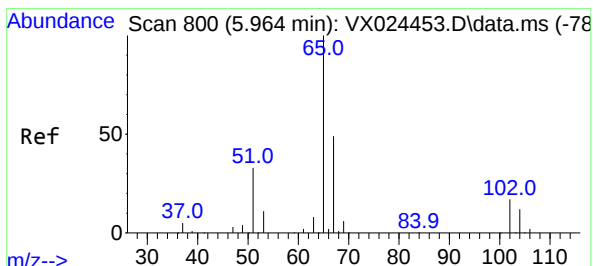
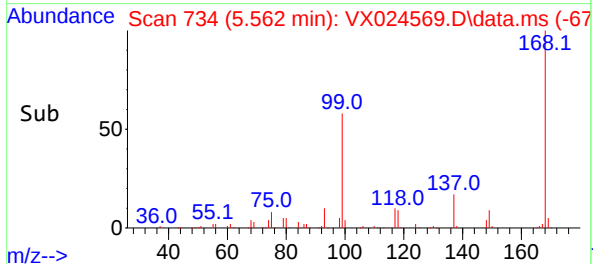
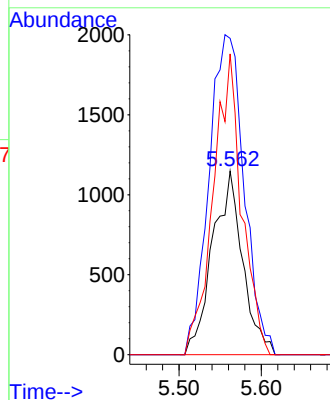
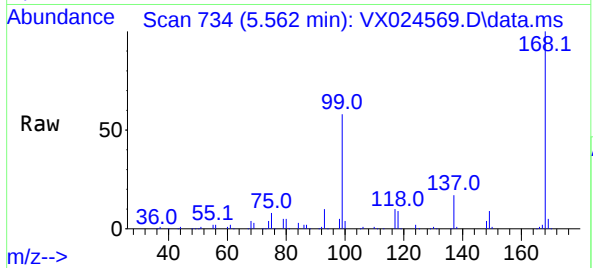




#31
Cyclohexane
Concen: 1.074 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

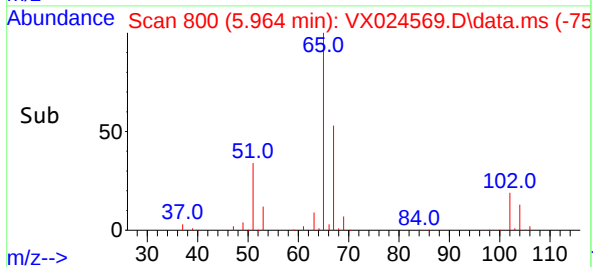
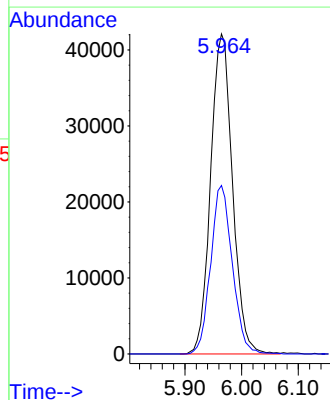
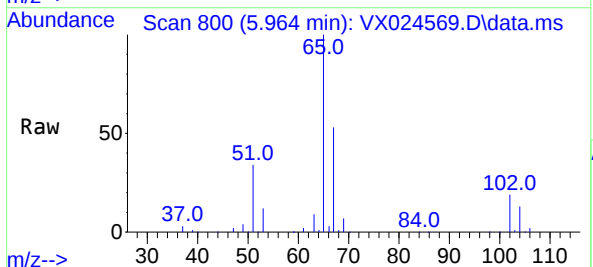
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

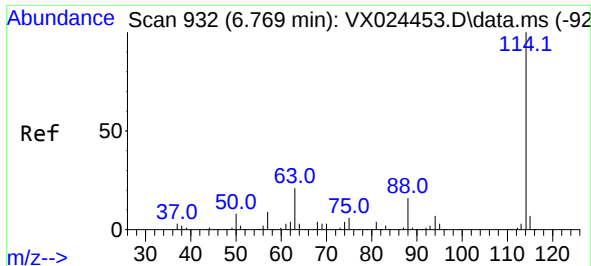
Tgt Ion: 56 Resp: 2930
Ion Ratio Lower Upper
56 100
69 172.3 25.3 37.9#
84 163.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.500 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 65 Resp: 112816
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

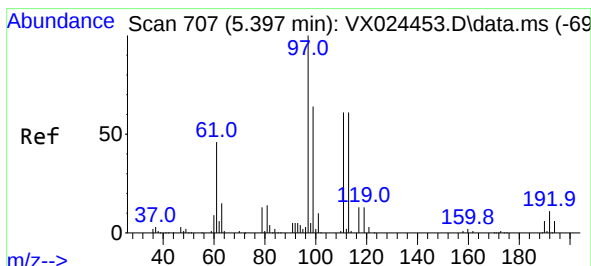
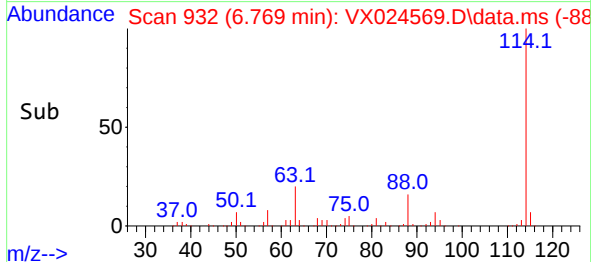
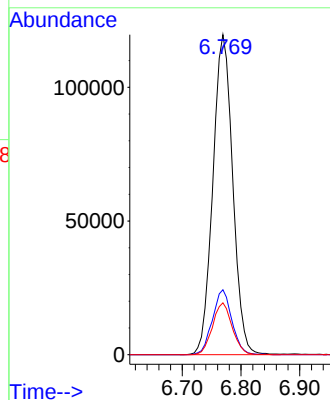
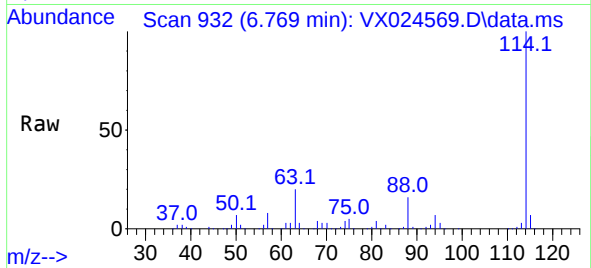




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

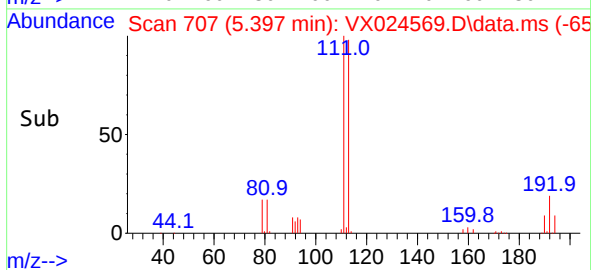
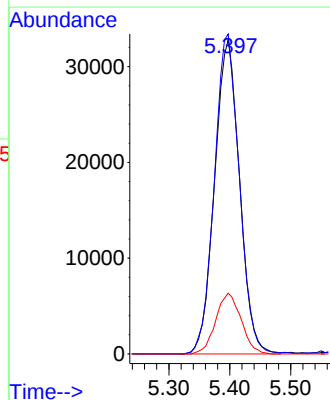
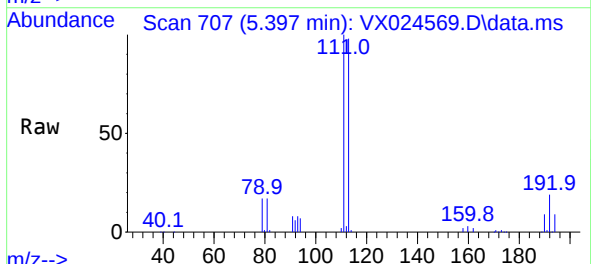
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

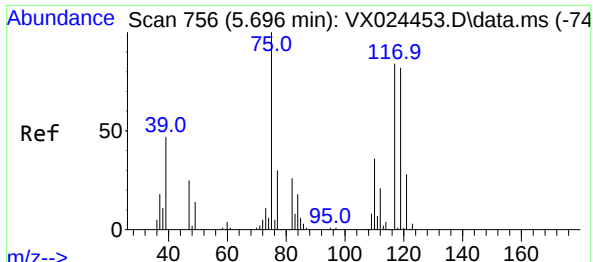
Tgt Ion:114 Resp: 280990
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.039 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion:113 Resp: 93408
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.7 16.7 25.1



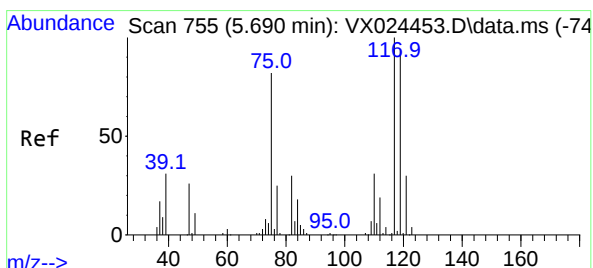
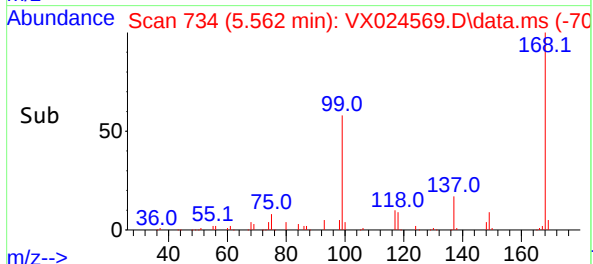
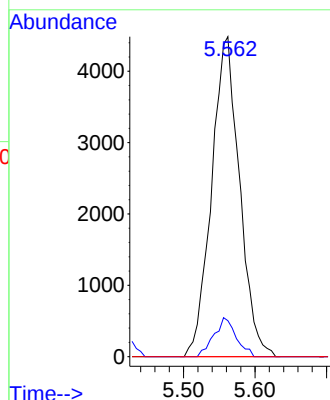
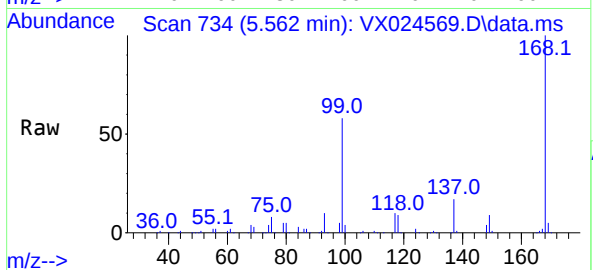


#36

1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

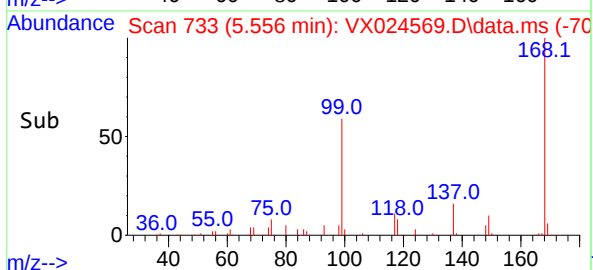
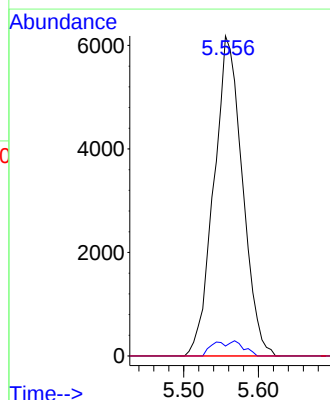
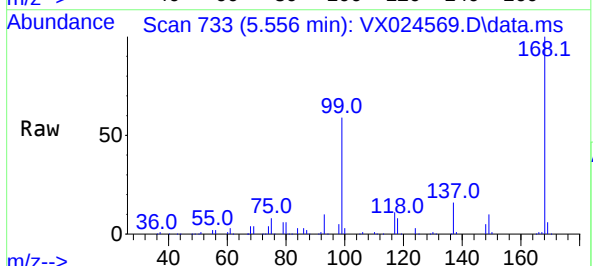
Tgt Ion: 75	Resp: 12194
Ion Ratio	Lower Upper
75 100	
110 9.6	18.1 54.4#
77 0.0	25.3 37.9#

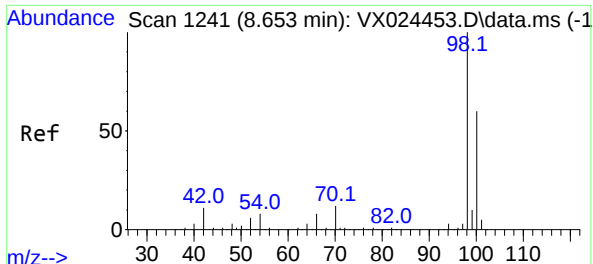


#38

Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 117	Resp: 16388
Ion Ratio	Lower Upper
117 100	
119 3.1	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 44.628 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024569.D

Acq: 05 Oct 2021 14:29

Tgt Ion: 98 Resp: 306610

Ion Ratio Lower Upper

98 100

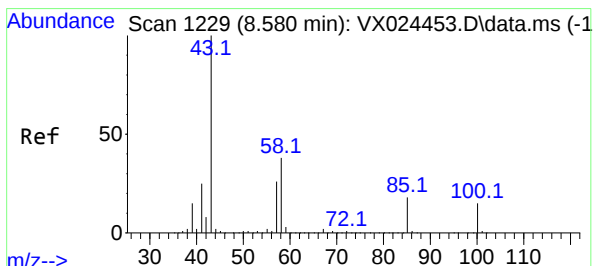
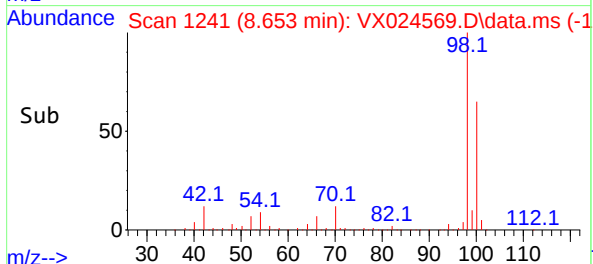
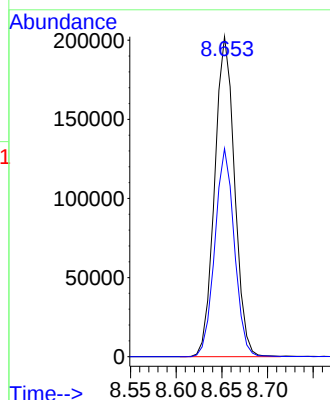
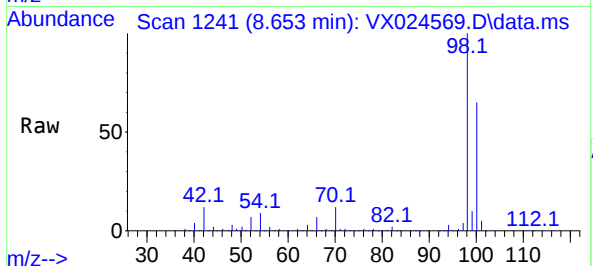
100 63.7 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024569.D

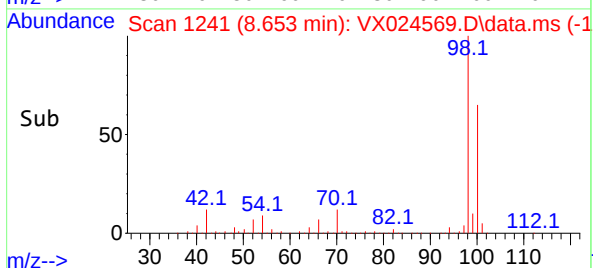
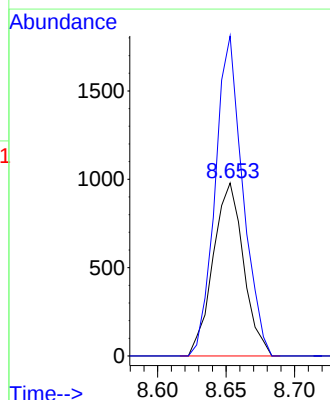
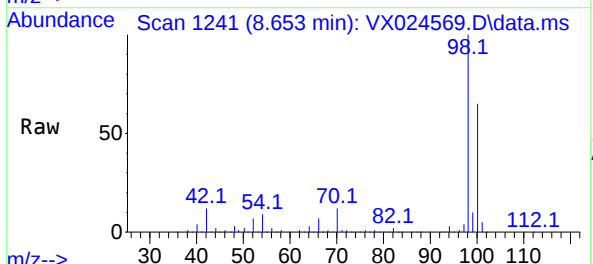
Acq: 05 Oct 2021 14:29

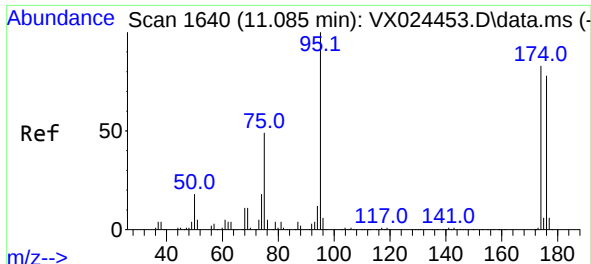
Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

43 100

58 167.7 35.4 53.0#

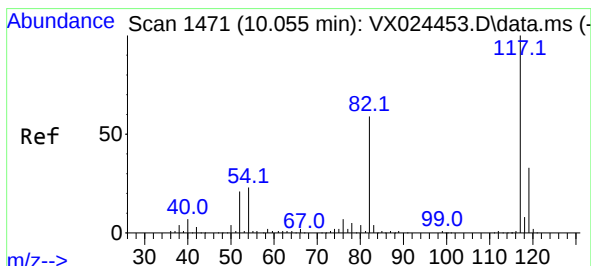
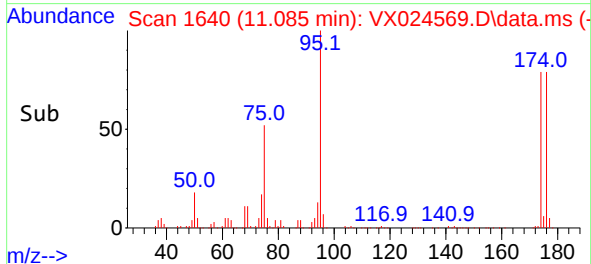
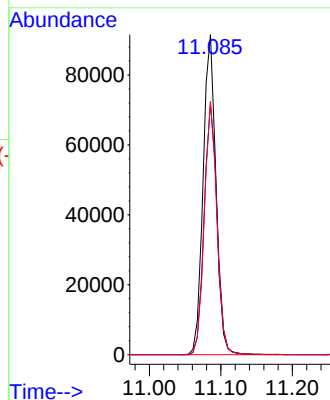
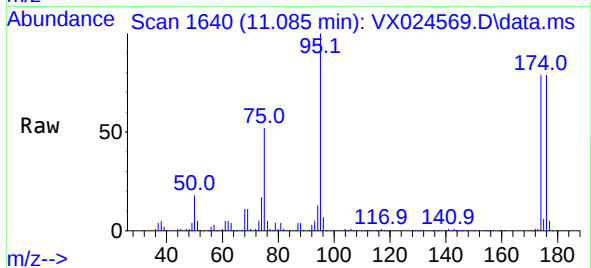




#62
4-Bromofluorobenzene
Concen: 42.068 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

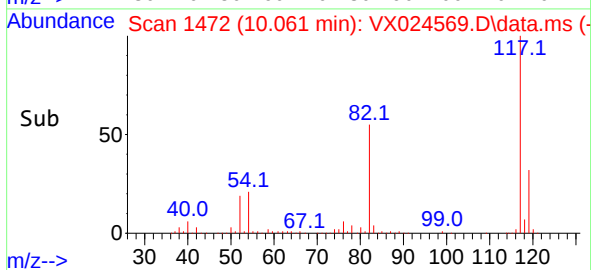
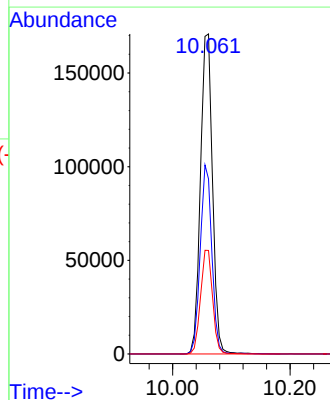
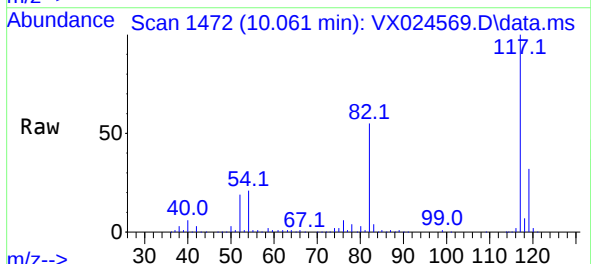
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

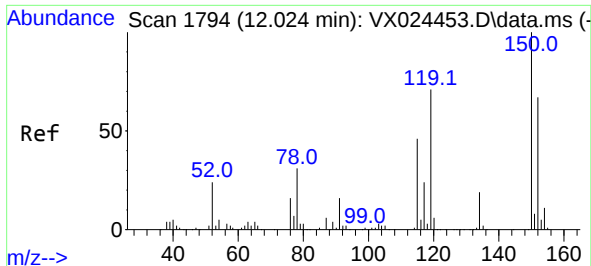
Tgt Ion: 95 Resp: 113640
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Tgt Ion: 117 Resp: 243331
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.3 26.6 39.8

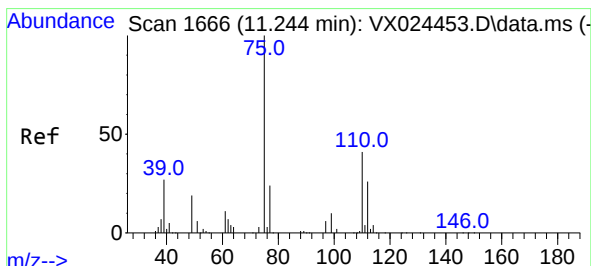
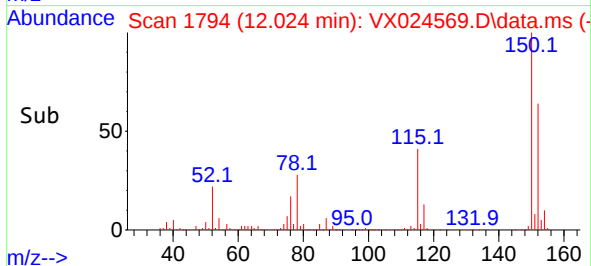
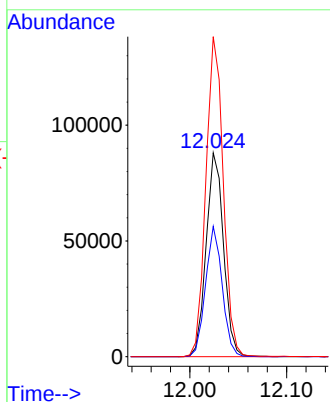
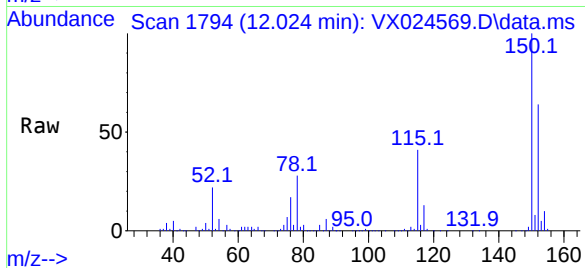




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

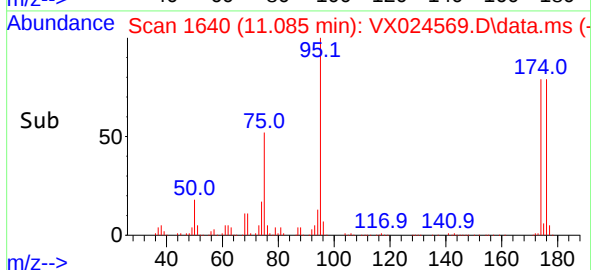
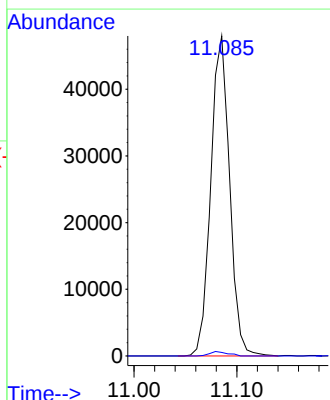
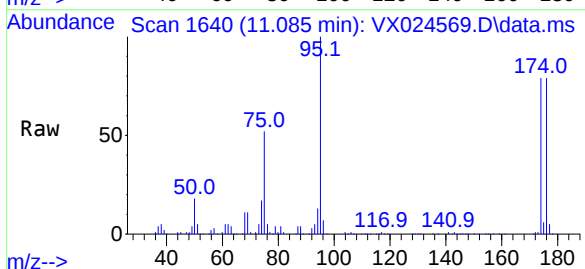
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

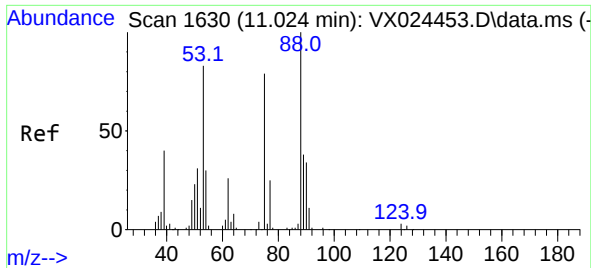
Tgt Ion:152 Resp: 109968
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.472 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

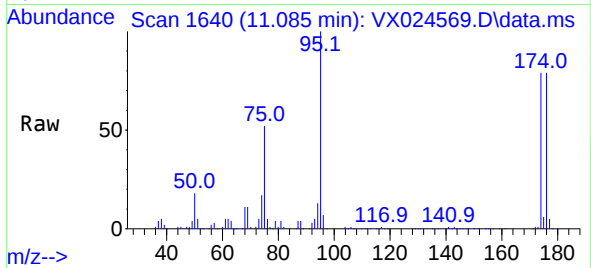
Tgt Ion: 75 Resp: 61114
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024569.D
Acq: 05 Oct 2021 14:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75 Resp: 61114
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

