

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024527.D
 Acq On : 04 Oct 2021 17:55
 Operator : JC/MD
 Sample : M4044-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 05 03:21:36 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)

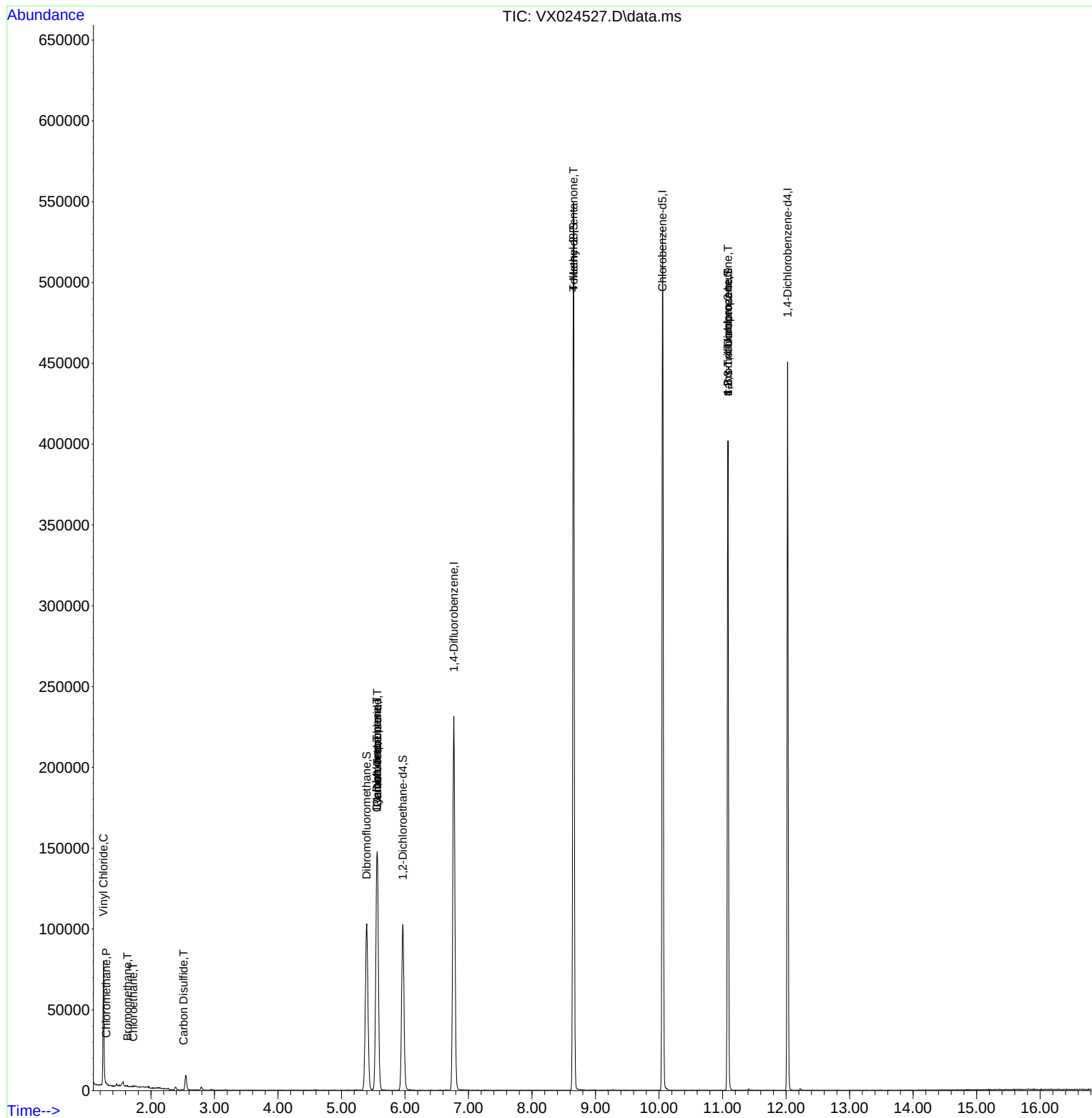
Internal Standards						
1) Pentafluorobenzene	5.562	168	138880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103740	53.000	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.000%		
35) Dibromofluoromethane	5.397	113	88437	59.367	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 118.740%		
50) Toluene-d8	8.653	98	320136	58.390	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 116.780%#		
62) 4-Bromofluorobenzene	11.085	95	104918	48.670	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	439	0.333	ug/l #	81
4) Vinyl Chloride	1.252	62	547	0.397	ug/l #	1
5) Bromomethane	1.630	94	209	0.225	ug/l	91
6) Chloroethane	1.721	64	88	0.354	ug/l #	43
11) Tert butyl alcohol	2.959	59	353	Below Cal	#	73
16) Acetone	2.380	43	2062	Below Cal	#	81
17) Carbon Disulfide	2.514	76	65	0.247	ug/l #	75
20) Methylene Chloride	2.800	84	918	Below Cal	#	60
31) Cyclohexane	5.556	56	2940	1.254	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	11310	5.261	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14627	6.251	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1376	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55447	27.659	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55447	75.219	ug/l #	12

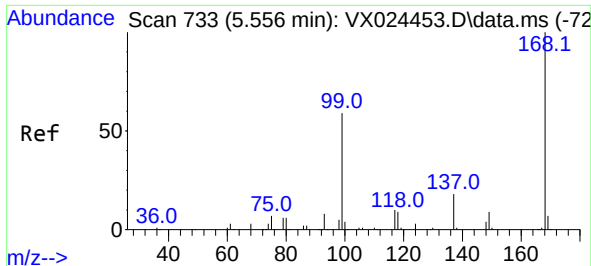
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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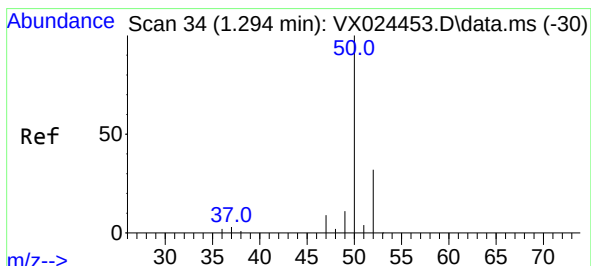
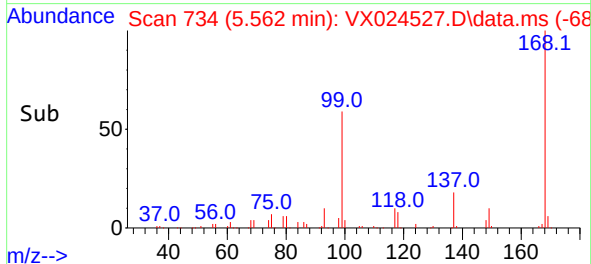
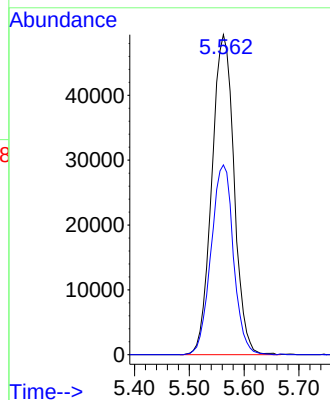
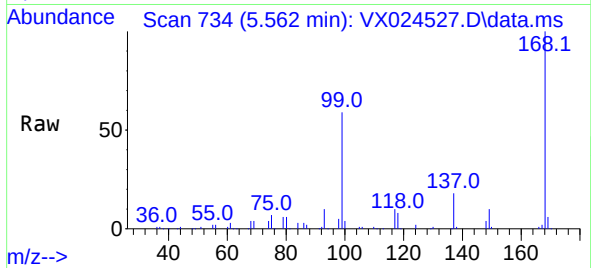




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

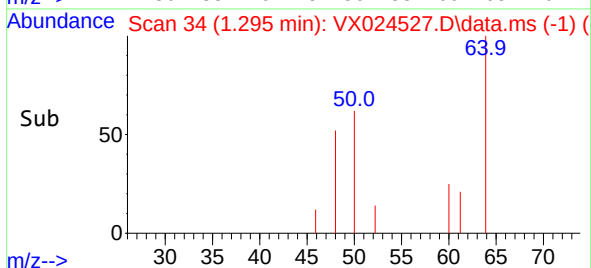
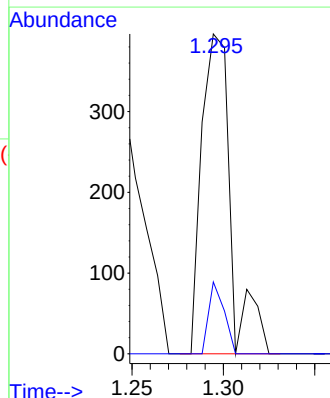
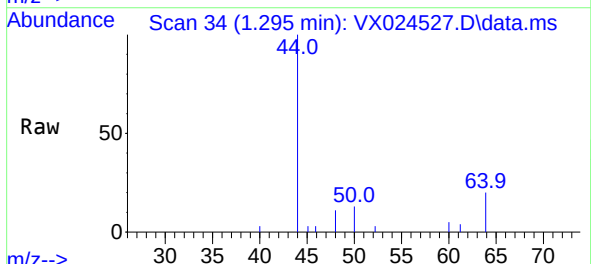
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

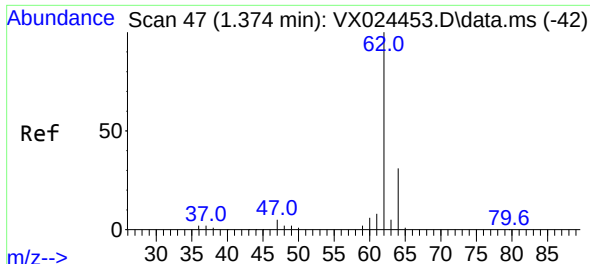
Tgt Ion:168 Resp: 138880
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 22.5 26.4 39.6#

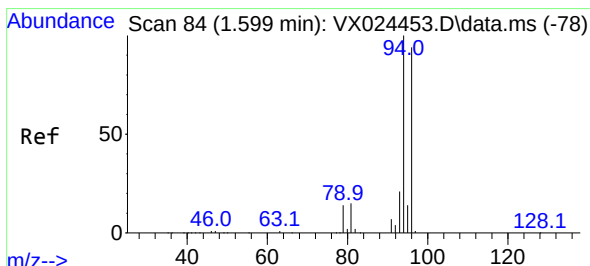
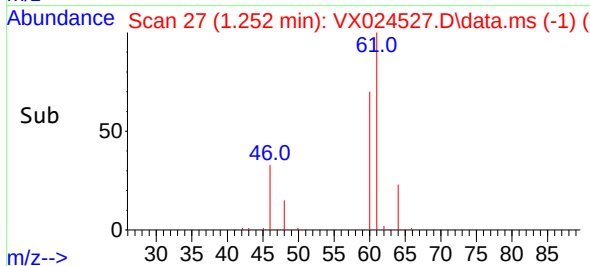
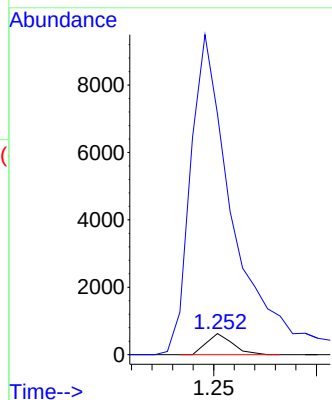
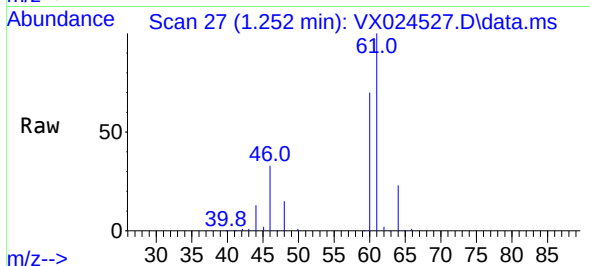




#4
 Vinyl Chloride
 Concen: 0.397 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024527.D
 Acq: 04 Oct 2021 17:55

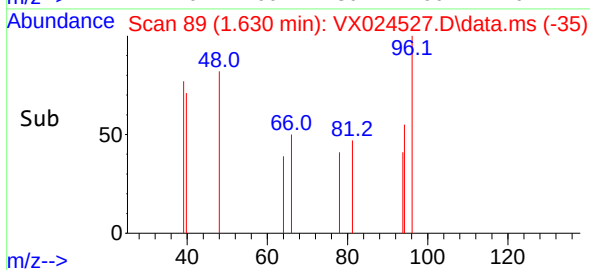
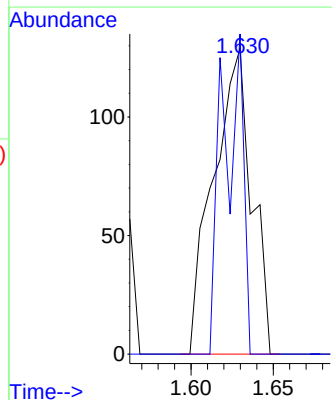
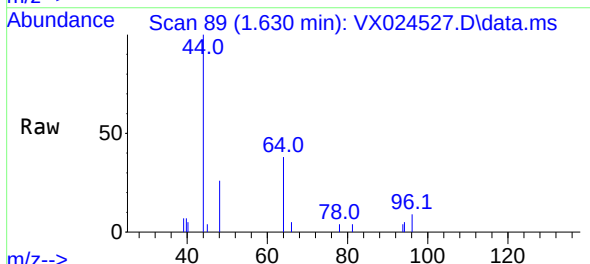
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 62 Resp: 547
 Ion Ratio Lower Upper
 62 100
 64 956.6 25.7 38.5#

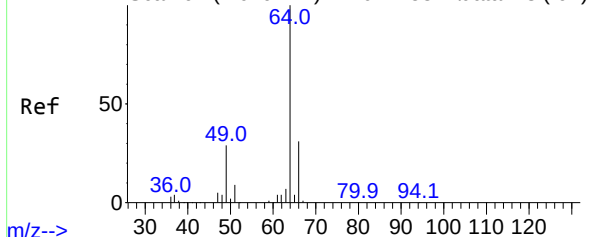


#5
 Bromomethane
 Concen: 0.225 ug/l
 RT: 1.630 min Scan# 89
 Delta R.T. 0.031 min
 Lab File: VX024527.D
 Acq: 04 Oct 2021 17:55

Tgt Ion: 94 Resp: 209
 Ion Ratio Lower Upper
 94 100
 96 104.7 76.4 114.6



Abundance Scan 97 (1.679 min): VX024453.D\data.ms (-91)

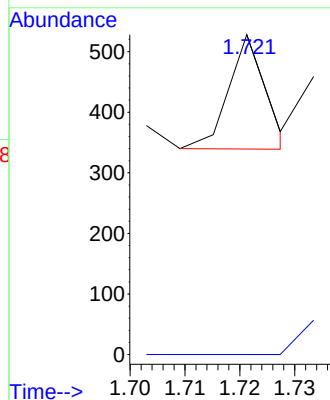
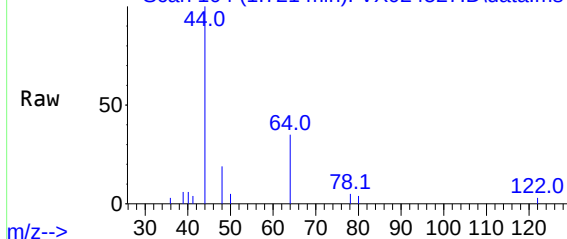


#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

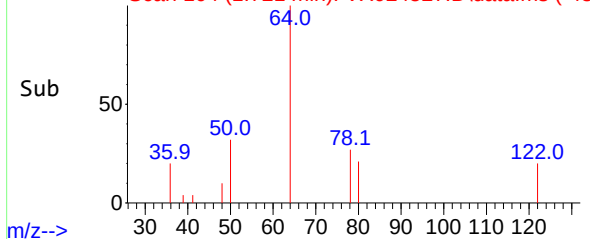
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

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

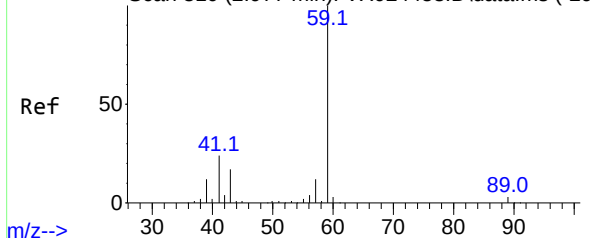
Abundance Scan 104 (1.721 min): VX024527.D\data.ms



Abundance Scan 104 (1.721 min): VX024527.D\data.ms (-48)



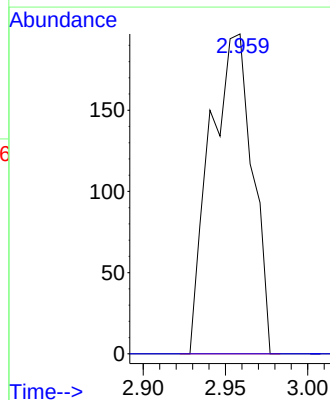
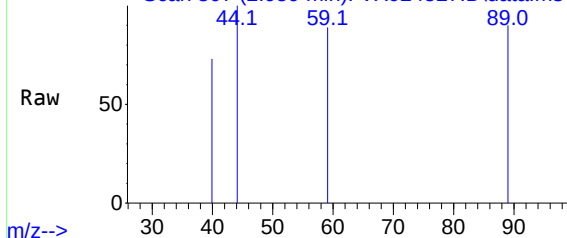
Abundance Scan 310 (2.977 min): VX024453.D\data.ms (-29)



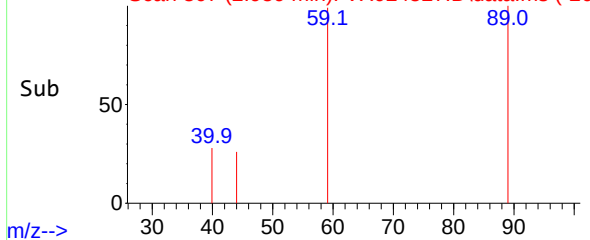
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

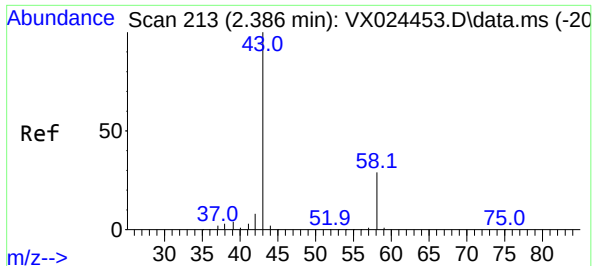
Tgt Ion: 59 Resp: 353
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

Abundance Scan 307 (2.959 min): VX024527.D\data.ms



Abundance Scan 307 (2.959 min): VX024527.D\data.ms (-26)

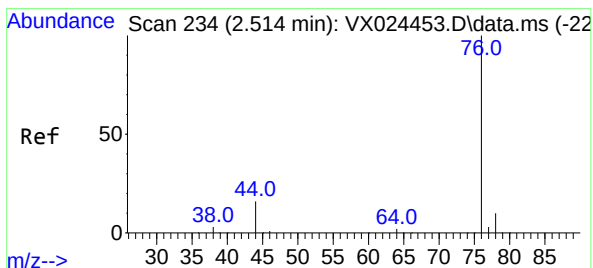
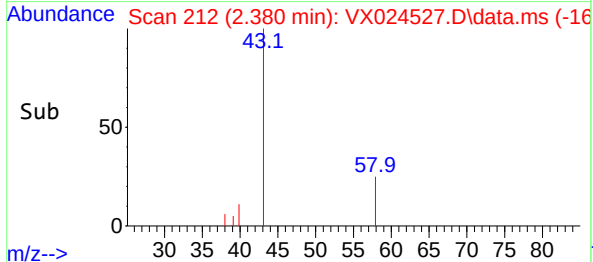
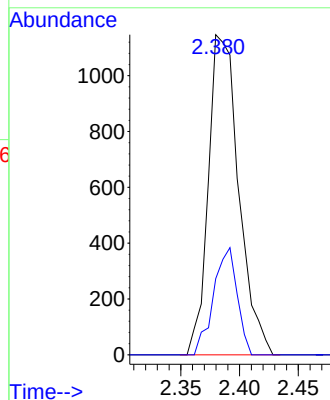
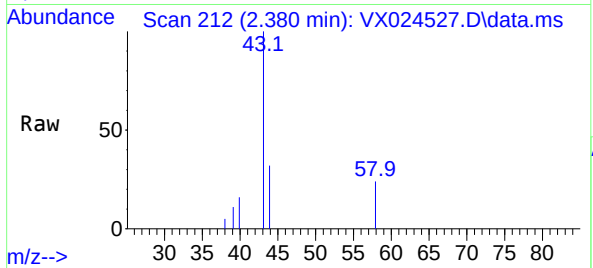




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

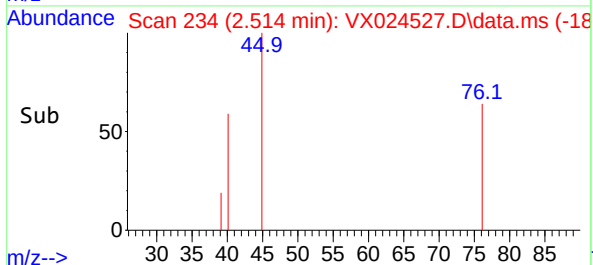
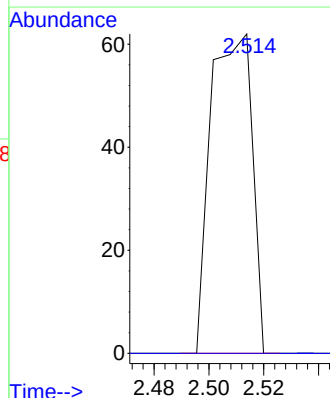
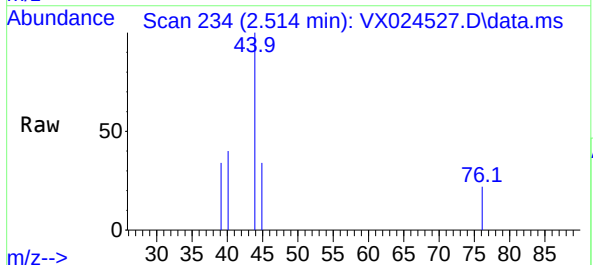
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

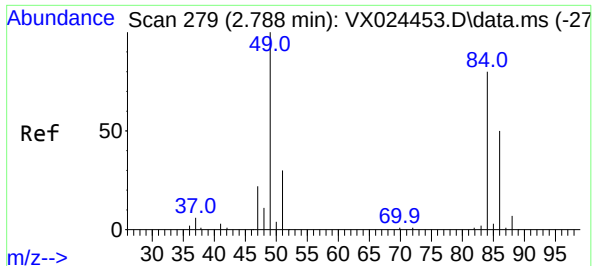
Tgt Ion: 43 Resp: 2062
Ion Ratio Lower Upper
43 100
58 23.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX024527.D

Acq: 04 Oct 2021 17:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 84 Resp: 918

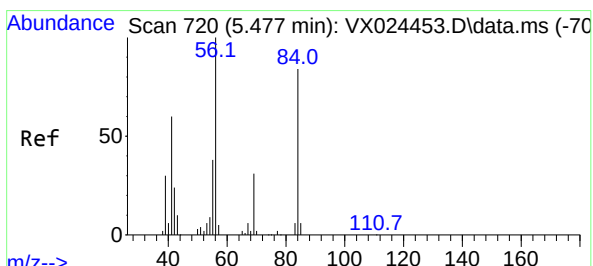
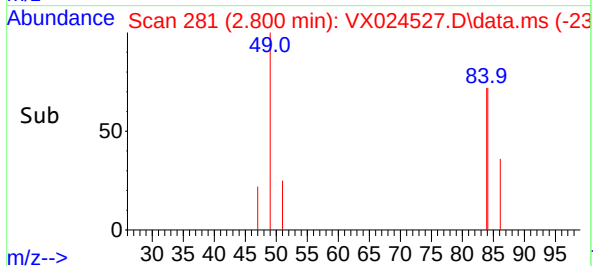
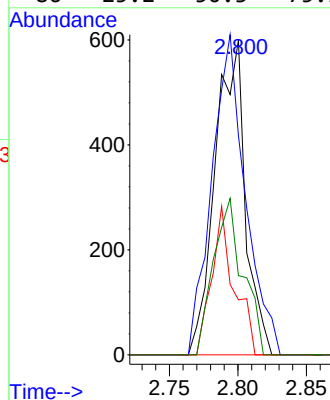
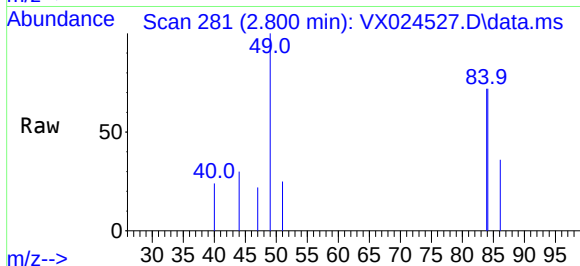
Ion Ratio Lower Upper

84 100

49 69.7 88.6 132.8#

51 17.5 27.0 40.6#

86 25.2 50.3 75.5#



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024527.D

Acq: 04 Oct 2021 17:55

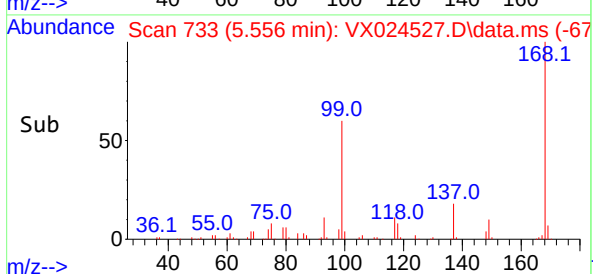
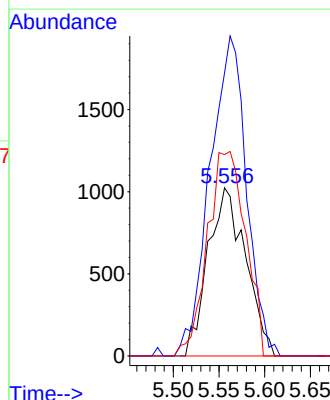
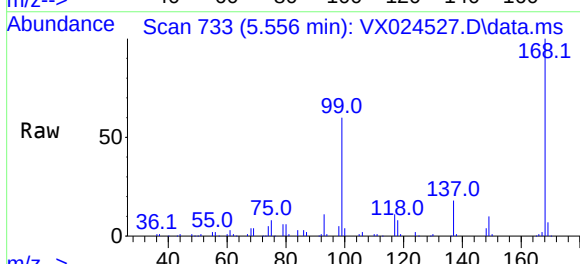
Tgt Ion: 56 Resp: 2940

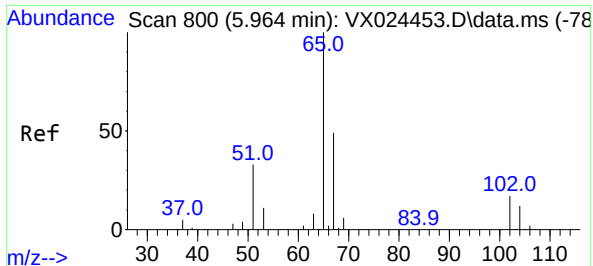
Ion Ratio Lower Upper

56 100

69 168.2 25.3 37.9#

84 119.7 71.4 107.0#



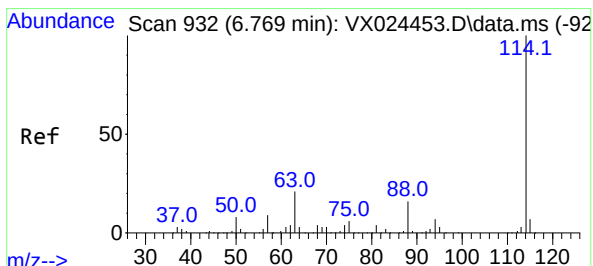
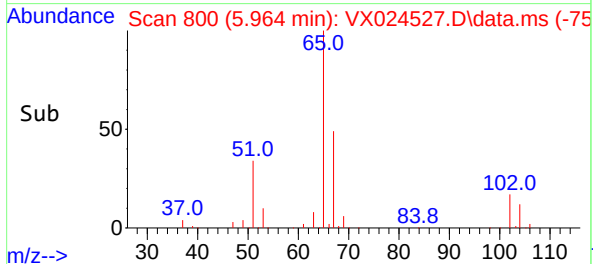
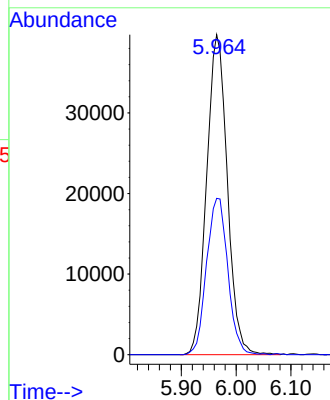
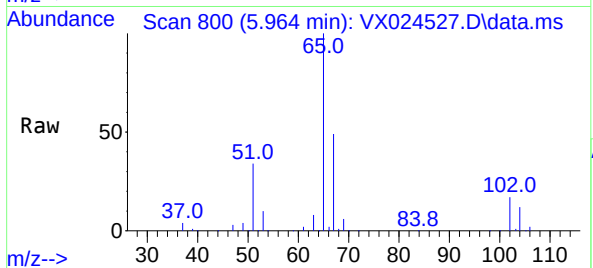


#33

1,2-Dichloroethane-d4
Concen: 53.000 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

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

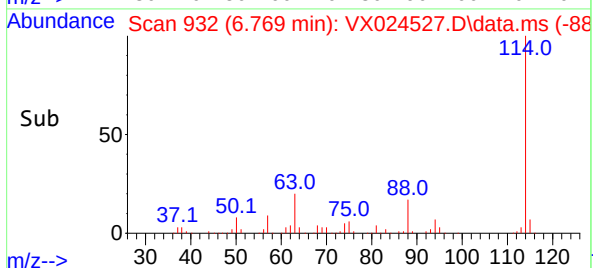
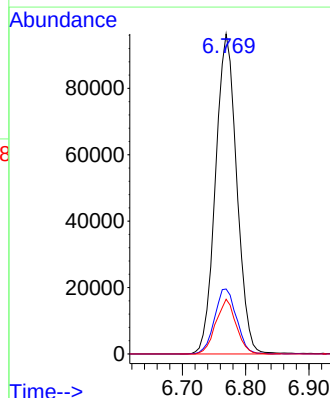
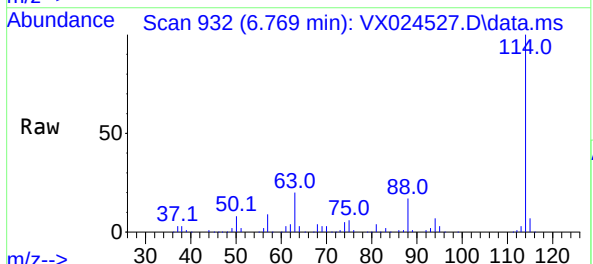
Tgt Ion: 65 Resp: 103740
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

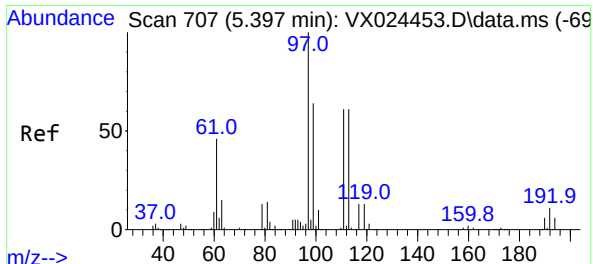


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 114 Resp: 224236
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 17.1 0.0 32.8

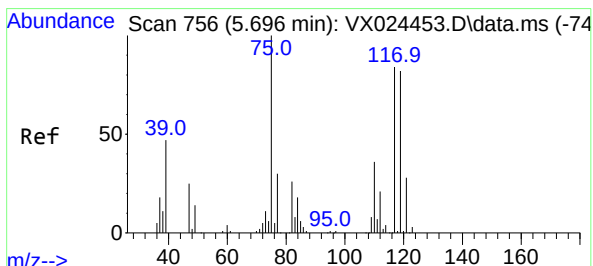
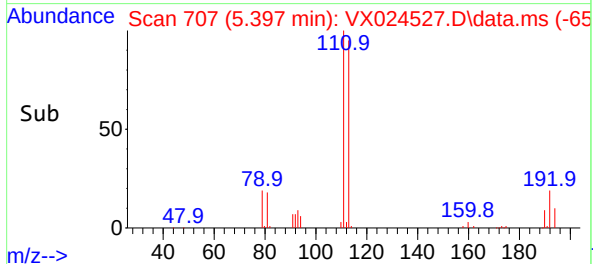
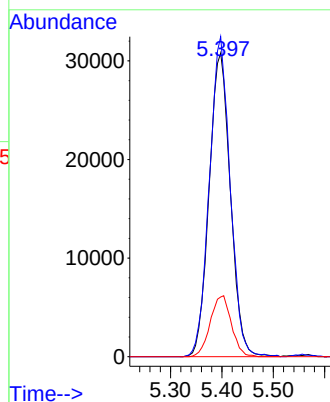
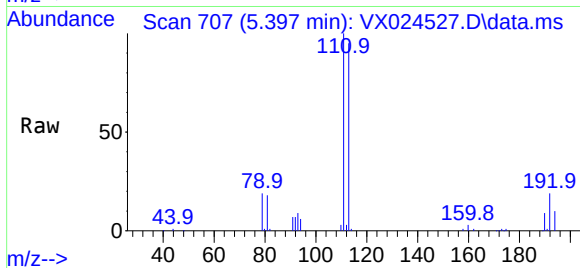




#35
Dibromofluoromethane
Concen: 59.367 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

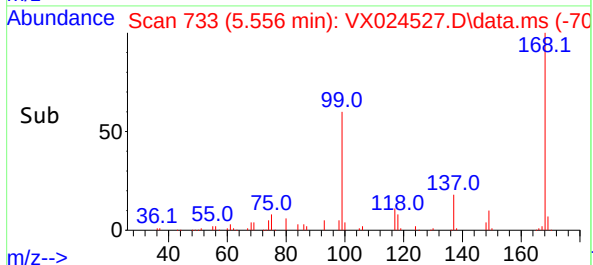
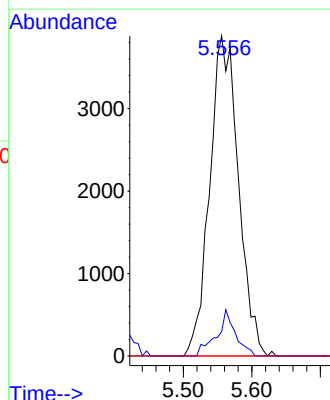
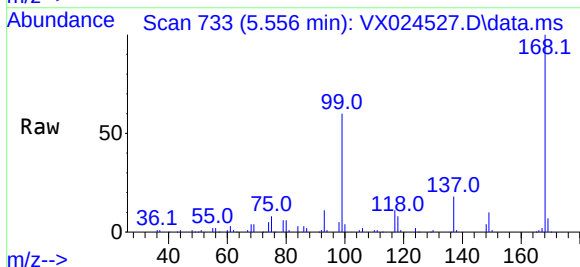
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

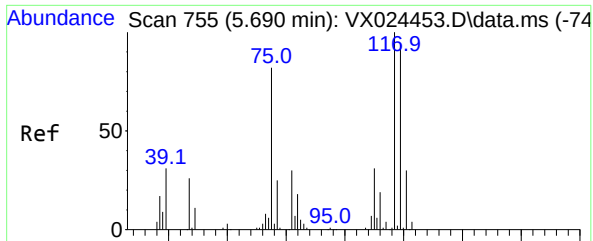
Tgt Ion:	113	Resp:	88437
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

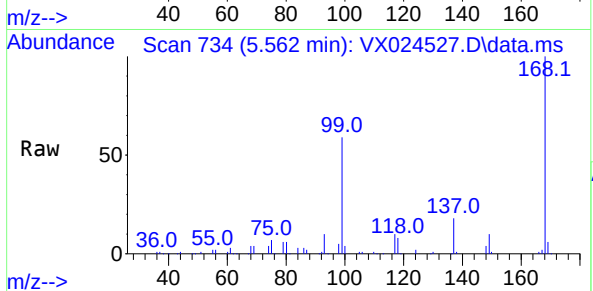
Tgt Ion:	75	Resp:	11310
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



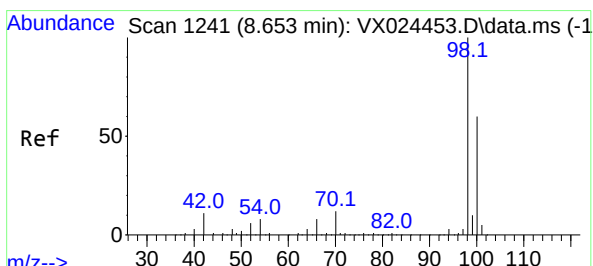
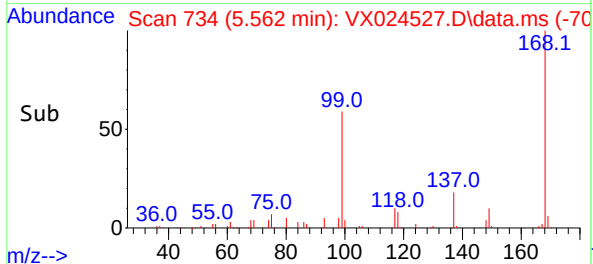
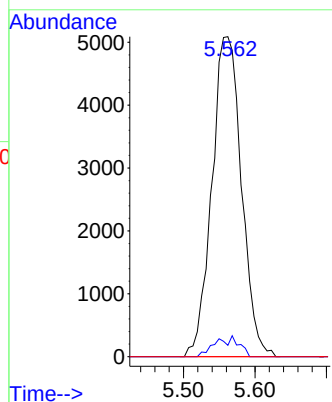


#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

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

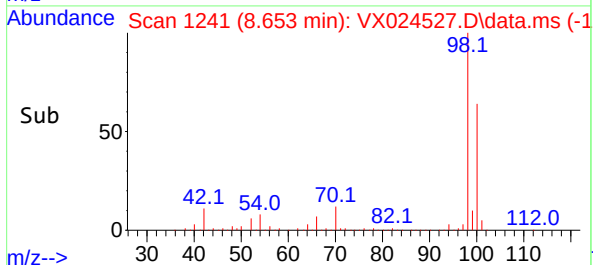
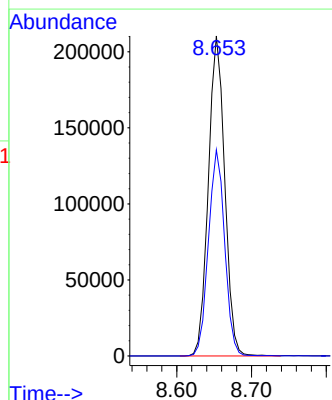
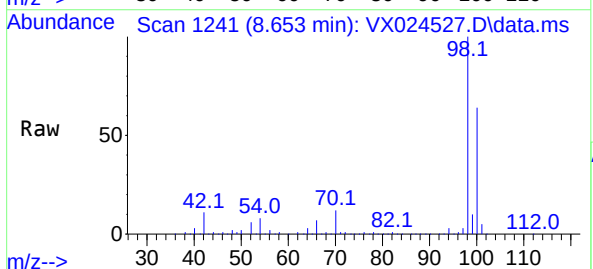


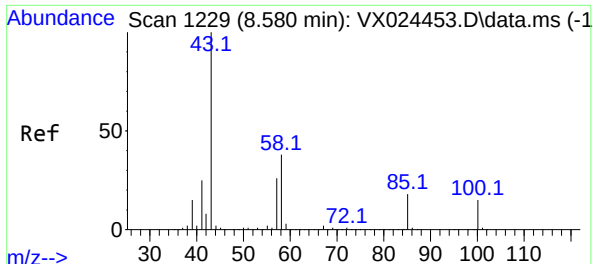
Tgt Ion:117 Resp: 14627
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.390 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 98 Resp: 320136
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

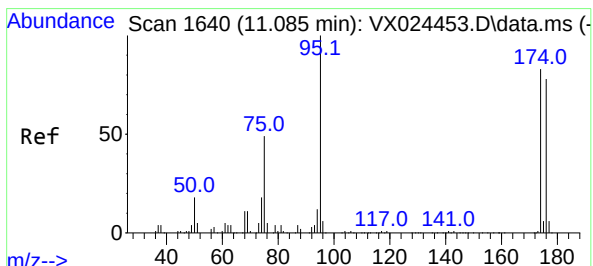
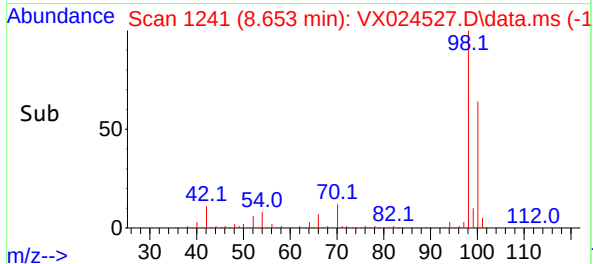
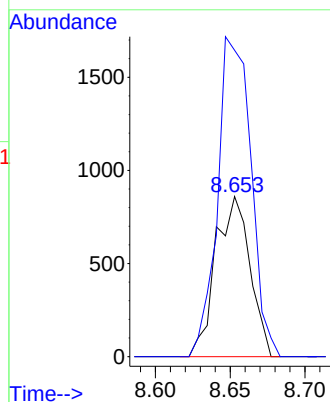
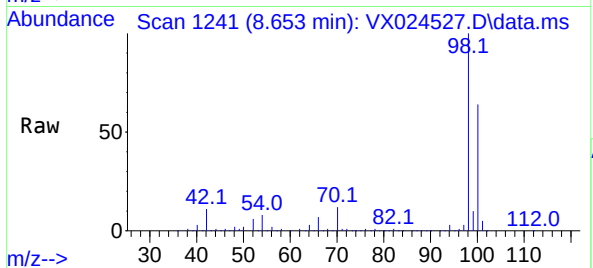




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

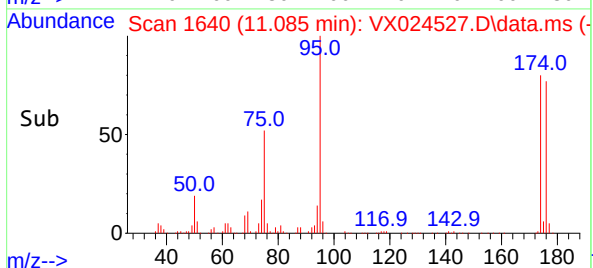
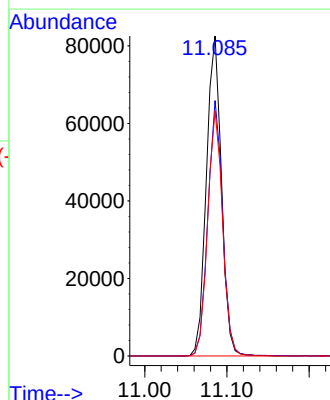
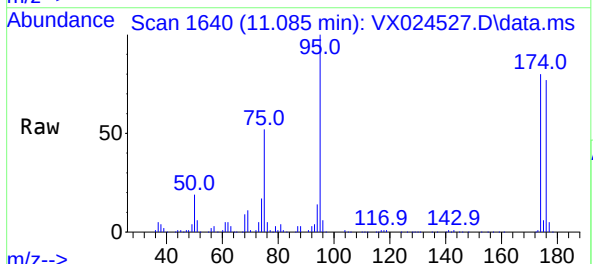
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

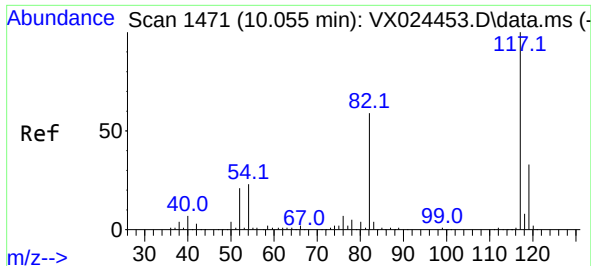
Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 194.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.670 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 95 Resp: 104918
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 76.0 0.0 155.8

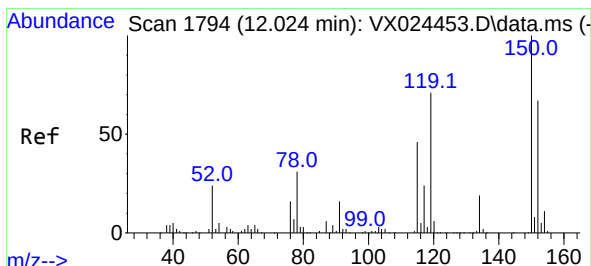
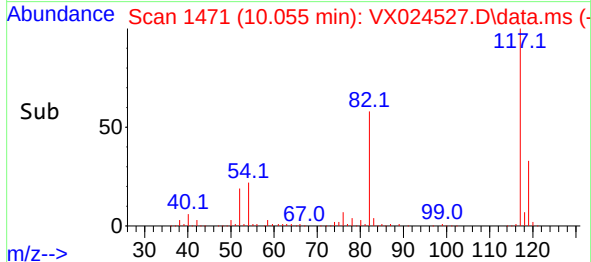
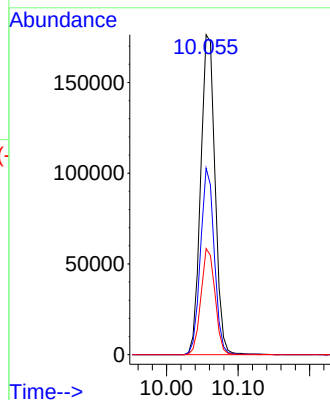
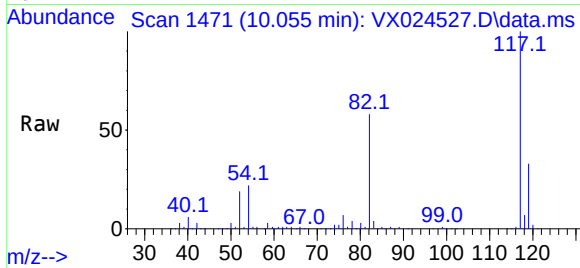




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

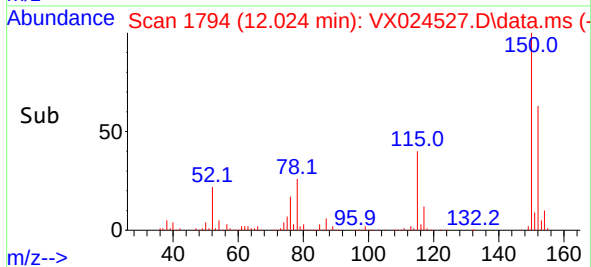
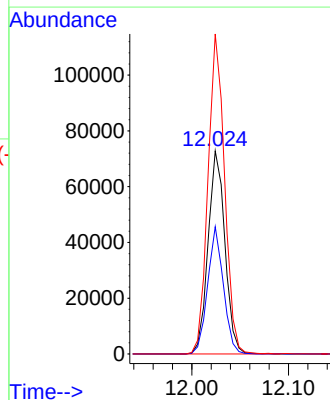
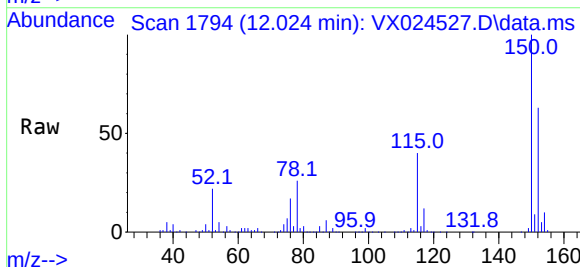
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

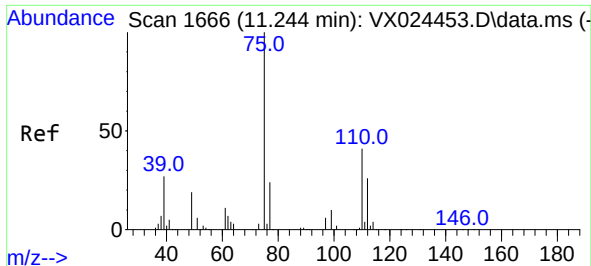
Tgt Ion:117 Resp: 246411
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion:152 Resp: 88275
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 155.5 0.0 349.0

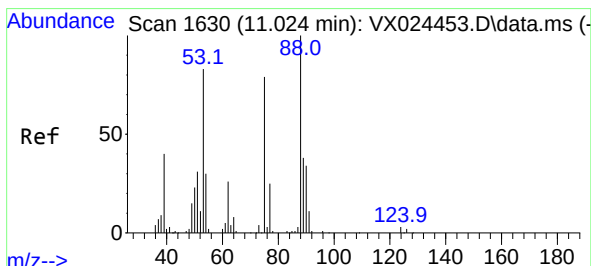
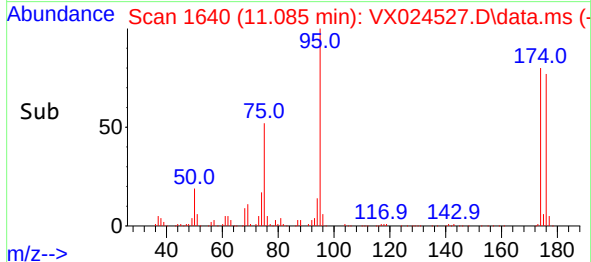
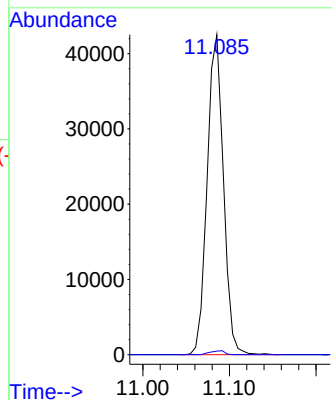
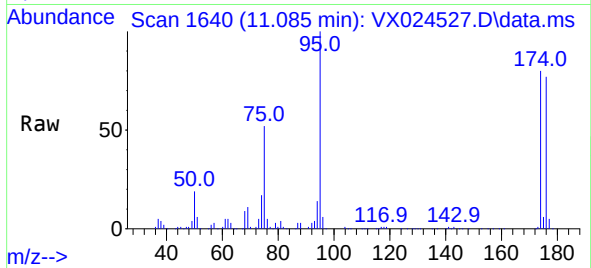




#76
1,2,3-Trichloropropane
Concen: 27.659 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

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

Tgt Ion: 75 Resp: 55447
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024527.D
Acq: 04 Oct 2021 17:55

Tgt Ion: 75 Resp: 55447
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

