

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024258.D
 Acq On : 15 Sep 2021 14:15
 Operator : JC/MD
 Sample : M3708-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 16 04:43:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

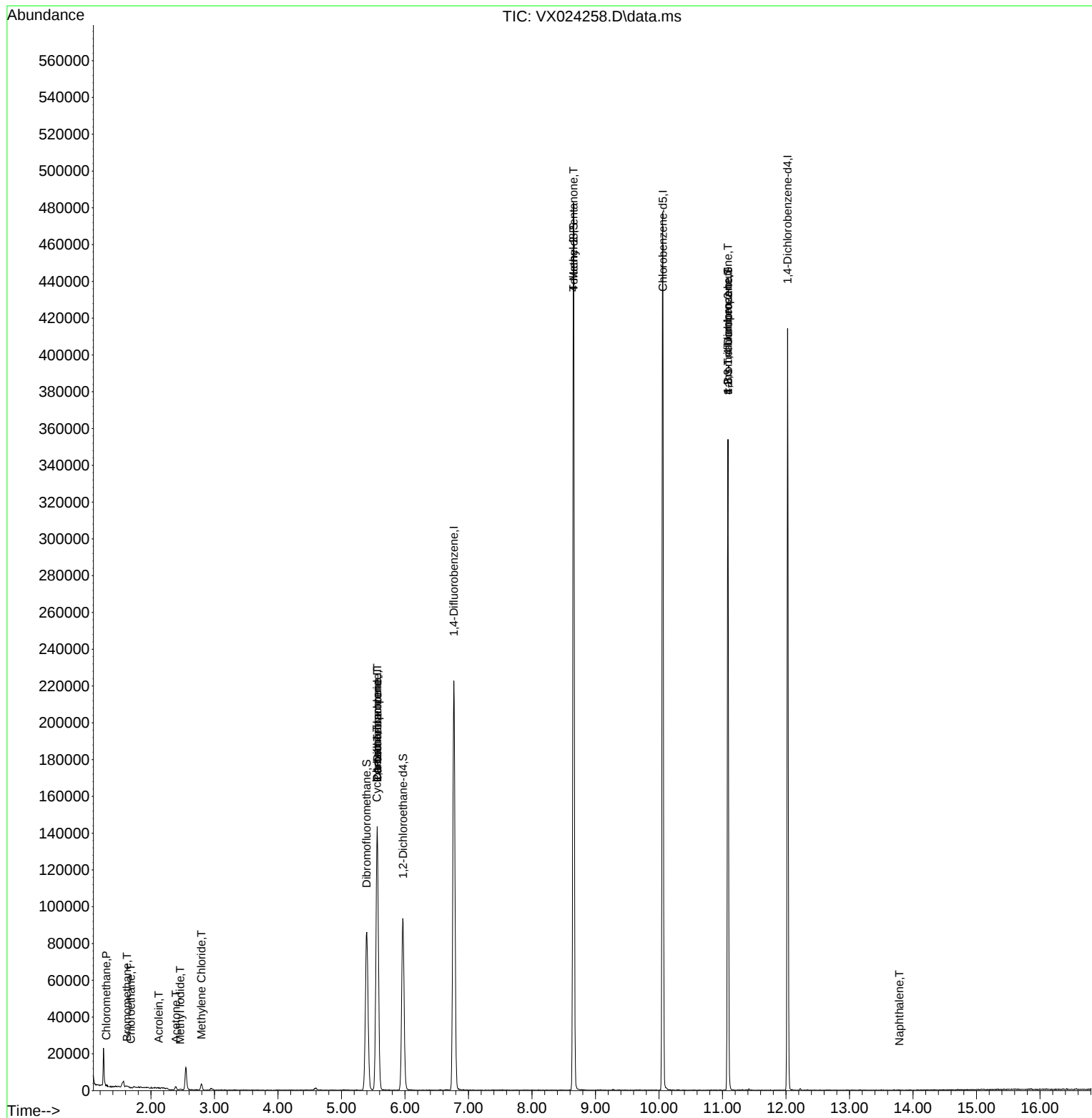
Internal Standards						
1) Pentafluorobenzene	5.562	168	127715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	215011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	96573	53.028	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.060%	
35) Dibromofluoromethane	5.397	113	74855	50.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	8.653	98	277396	51.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	11.085	95	84623	40.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 80.020%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	512	0.399	ug/l	92
5) Bromomethane	1.624	94	565	0.744	ug/l #	77
6) Chloroethane	1.685	64	170	2.159	ug/l #	43
10) Methyl Iodide	2.459	142	611	0.351	ug/l #	81
11) Tert butyl alcohol	2.953	59	752	Below Cal	#	73
13) Acrolein	2.124	56	38	0.317	ug/l #	14
16) Acetone	2.392	43	1869	2.407	ug/l #	76
20) Methylene Chloride	2.794	84	1520	1.019	ug/l #	93
31) Cyclohexane	5.556	56	2970	1.394	ug/l #	10
36) 1,1-Dichloropropene	5.562	75	9873	4.827	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13507	5.868	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1277	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	46162	24.865	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	46162	73.128	ug/l #	12
95) Naphthalene	13.786	128	57	1.297	ug/l #	69

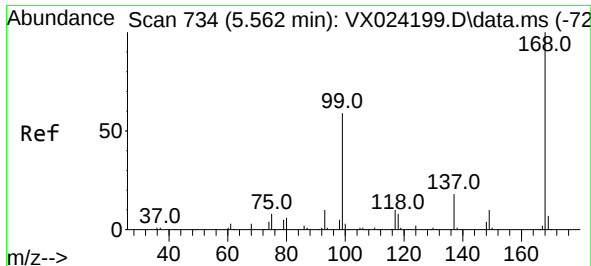
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
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Quant Time: Sep 16 04:43:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

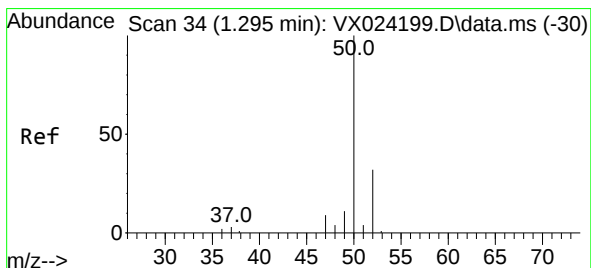
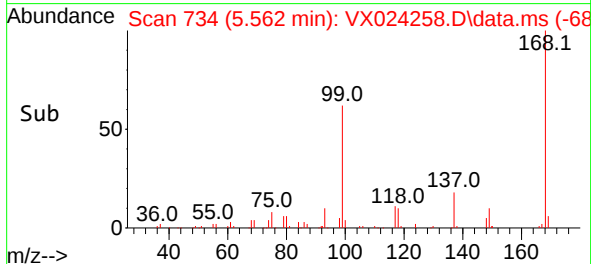
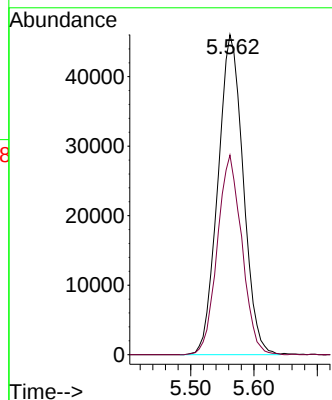
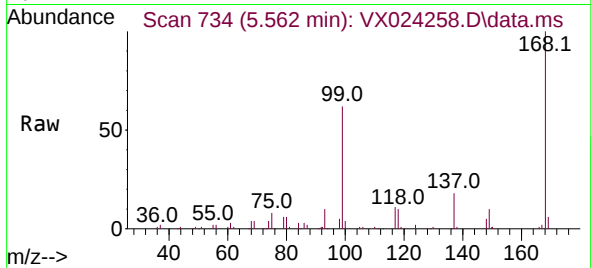




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

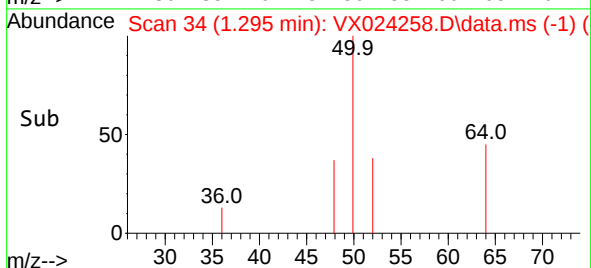
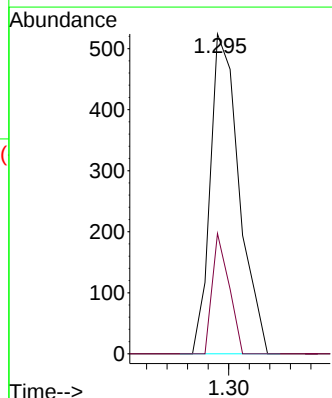
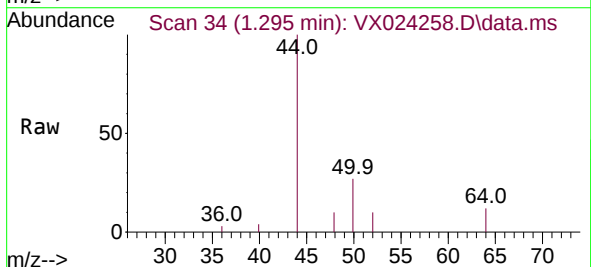
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

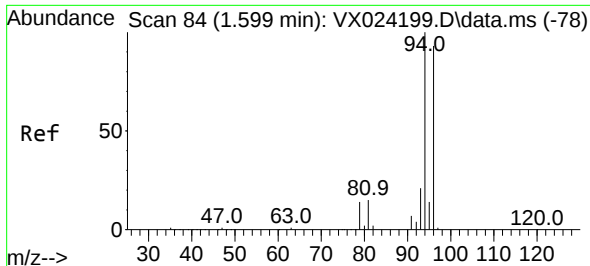
Tgt Ion:168 Resp: 127715
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#3
Chloromethane
Concen: 0.399 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 37.6 26.4 39.6

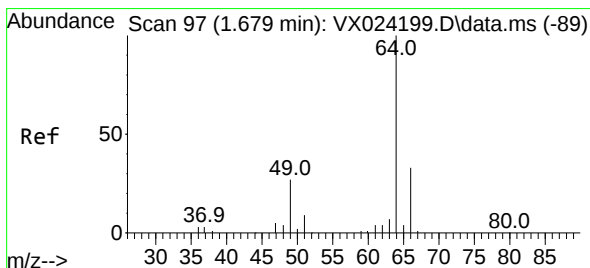
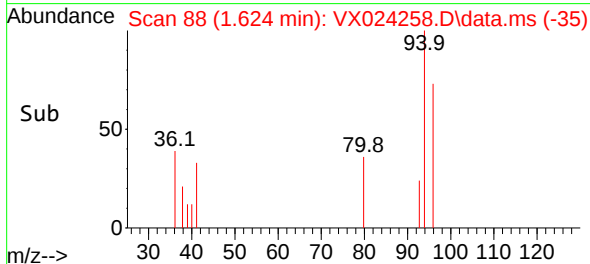
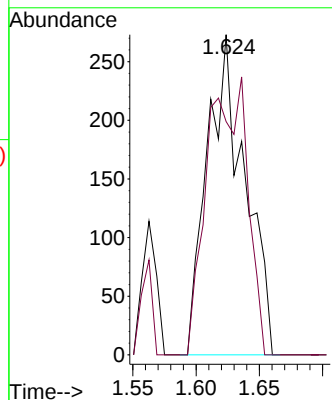
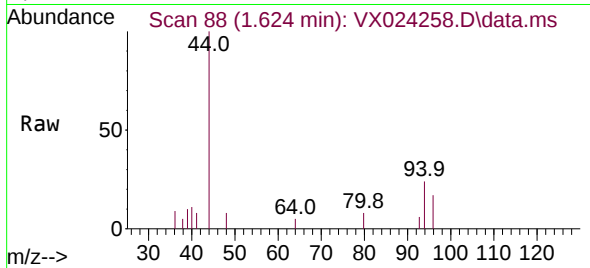




#5
Bromomethane
Concen: 0.744 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

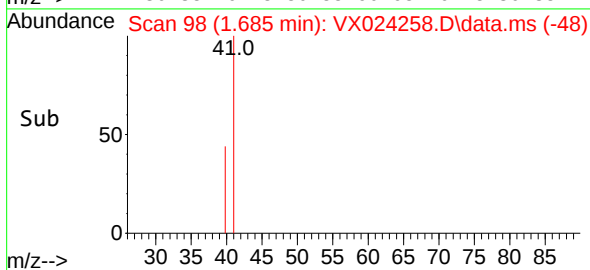
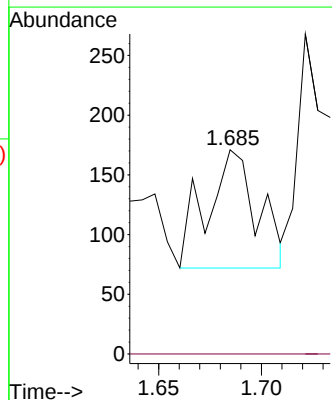
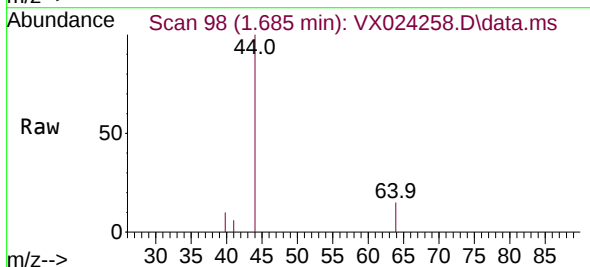
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

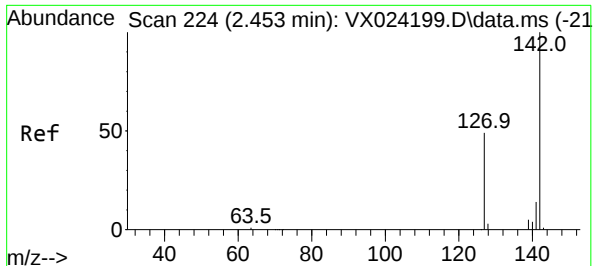
Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 72.9 76.4 114.6#



#6
Chloroethane
Concen: 2.159 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

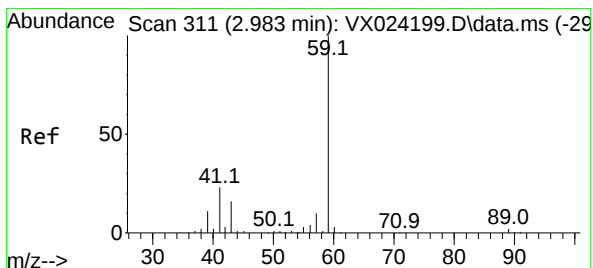
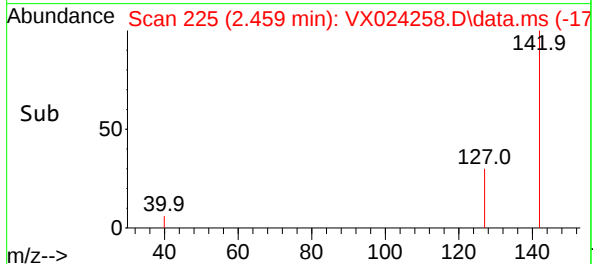
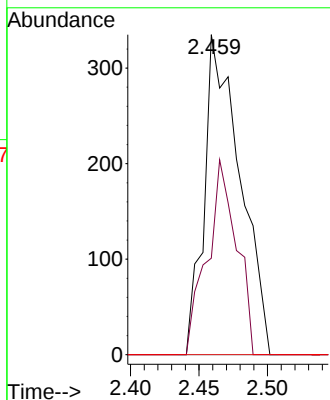
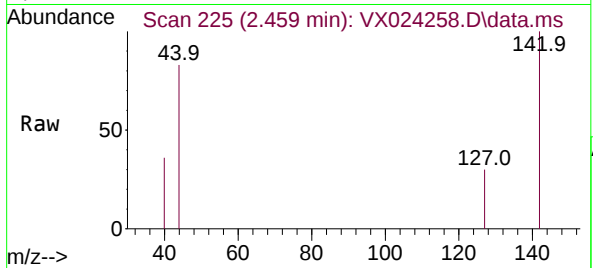




#10
Methyl Iodide
Concen: 0.351 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

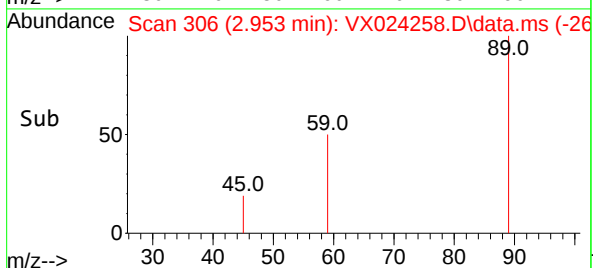
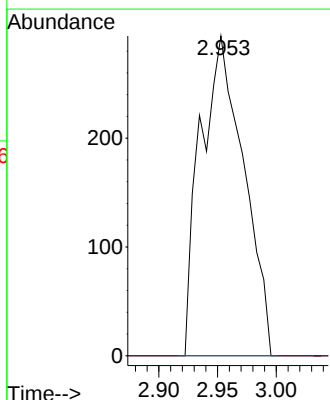
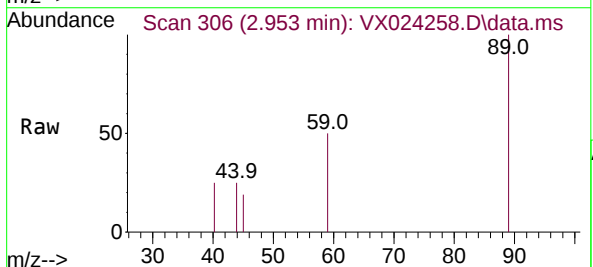
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

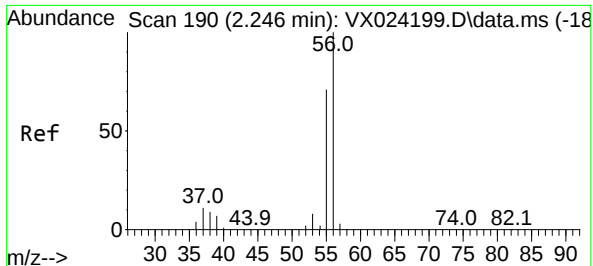
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
127 49.9 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

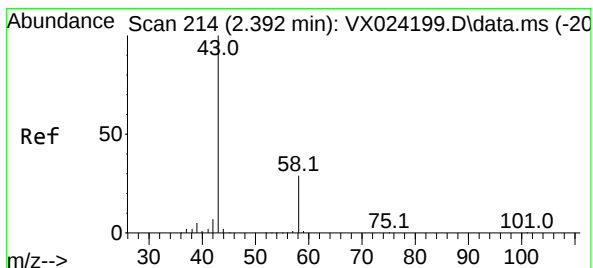
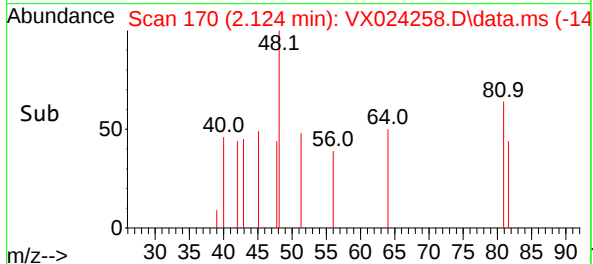
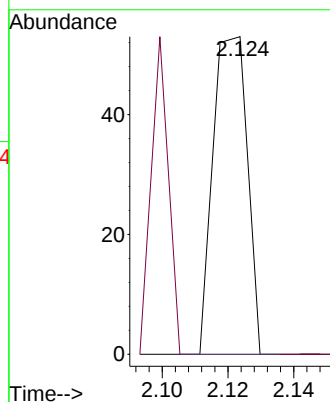
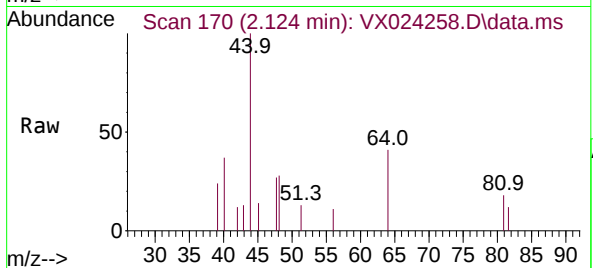




#13
Acrolein
Concen: 0.317 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.122 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

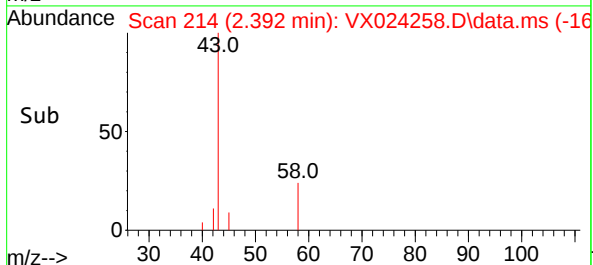
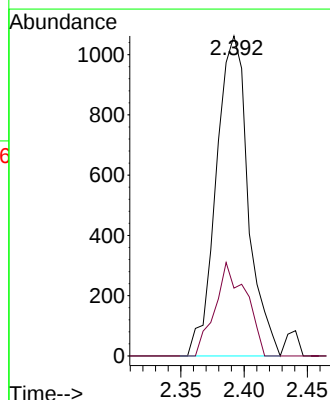
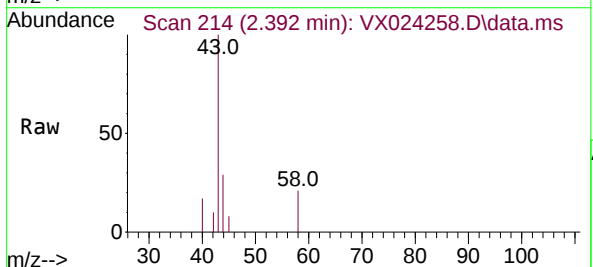
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

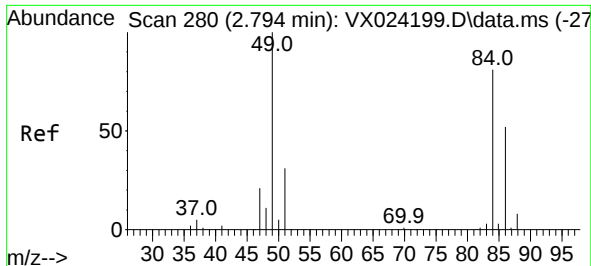
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.407 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 21.2 27.8 41.8#





#20

Methylene Chloride

Concen: 1.019 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024258.D

Acq: 15 Sep 2021 14:15

Tgt Ion: 84 Resp: 1520

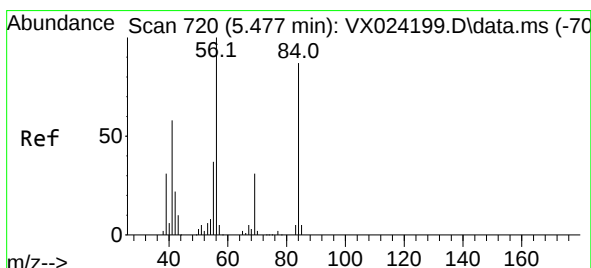
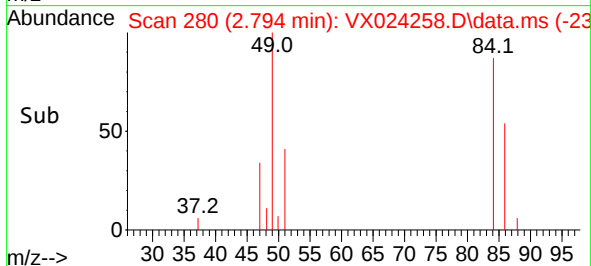
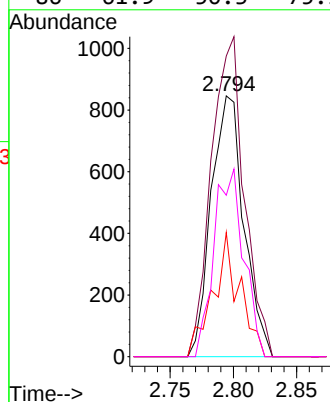
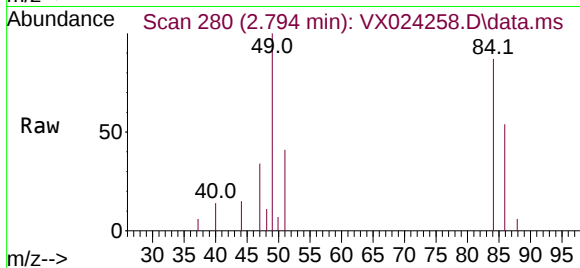
Ion Ratio Lower Upper

84 100

49 115.2 88.6 132.8

51 47.6 27.0 40.6#

86 61.9 50.3 75.5



#31

Cyclohexane

Concen: 1.394 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024258.D

Acq: 15 Sep 2021 14:15

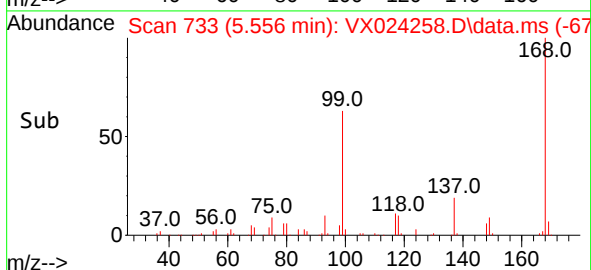
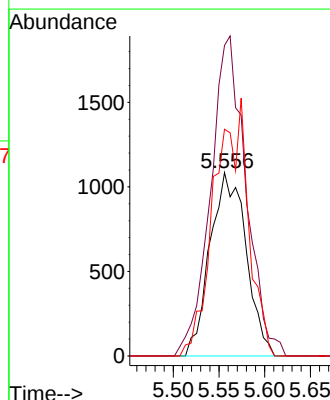
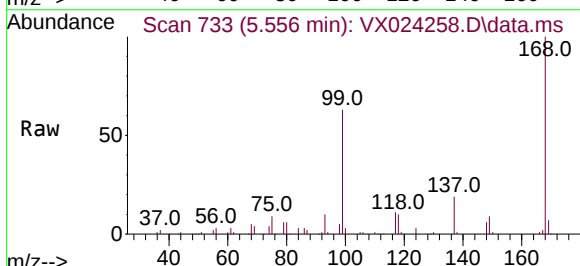
Tgt Ion: 56 Resp: 2970

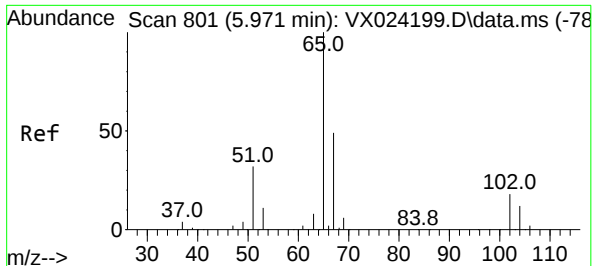
Ion Ratio Lower Upper

56 100

69 164.1 25.3 37.9#

84 123.6 71.4 107.0#



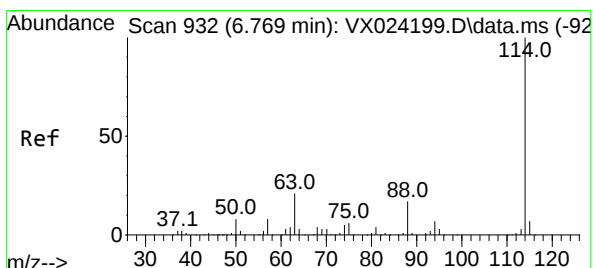
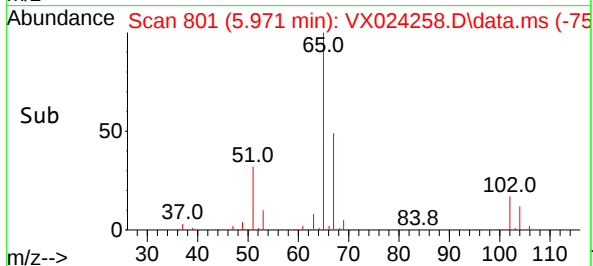
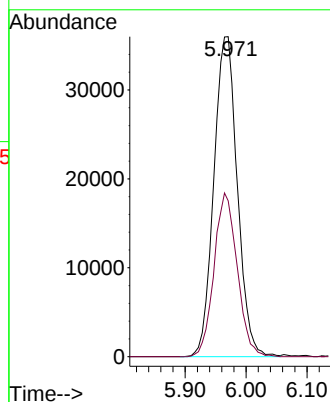
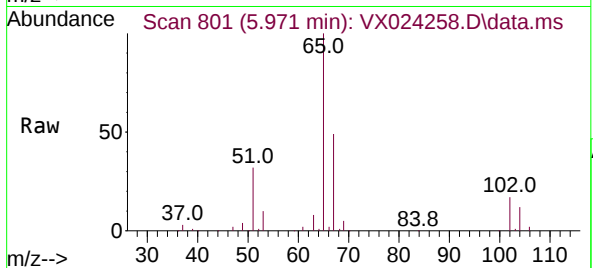


#33

1,2-Dichloroethane-d4
Concen: 53.028 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

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

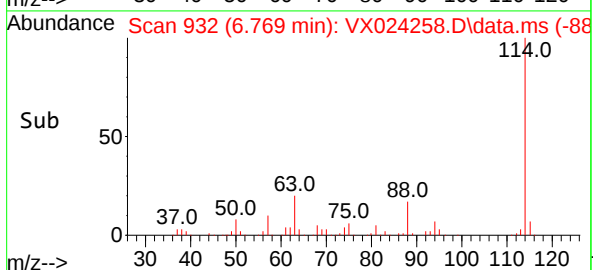
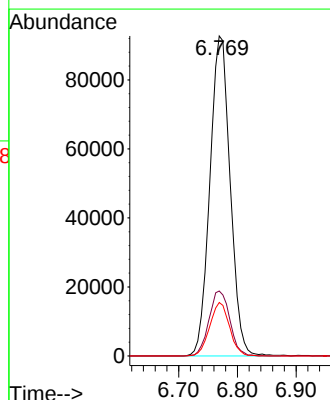
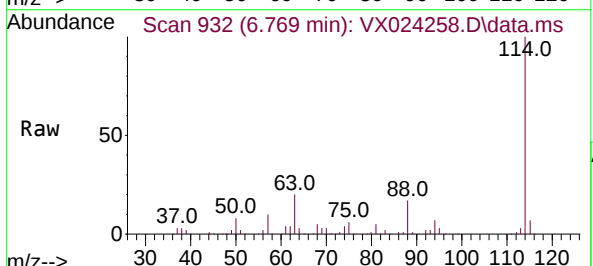
Tgt Ion: 65 Resp: 96573
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

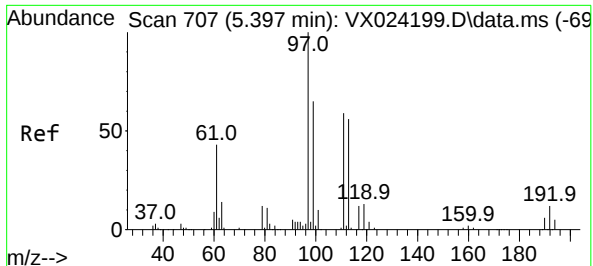


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 114 Resp: 222451
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.176 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024258.D

Acq: 15 Sep 2021 14:15

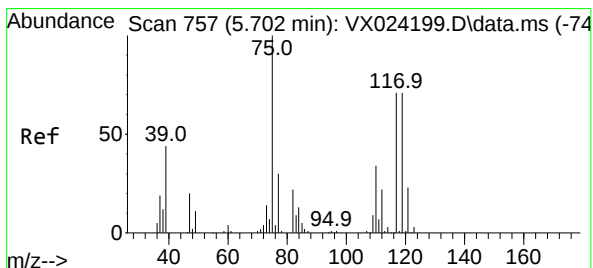
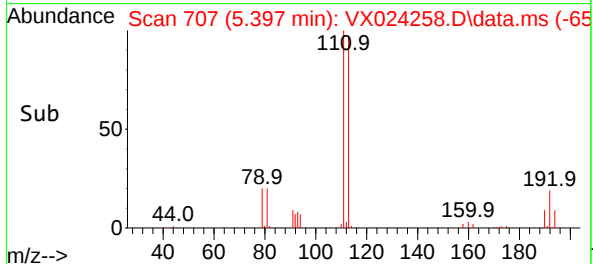
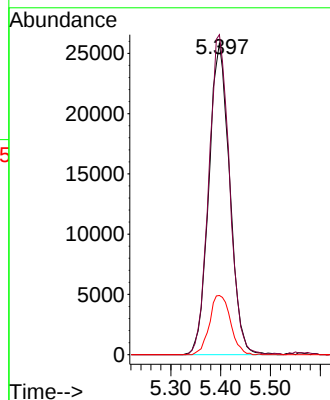
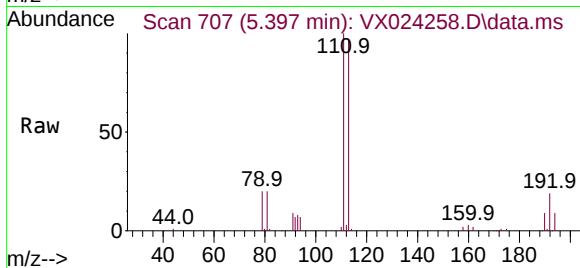
Tgt Ion:	113	Resp:	74855
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	19.2	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



#36

1,1-Dichloropropene

Concen: 4.827 ug/l

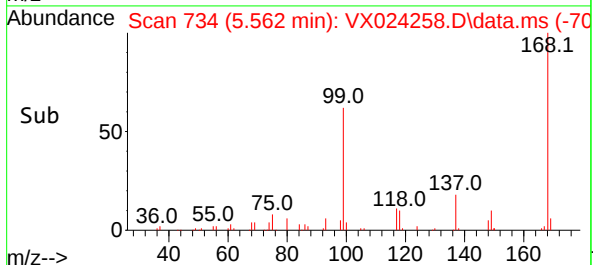
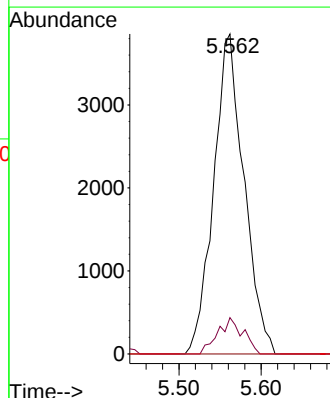
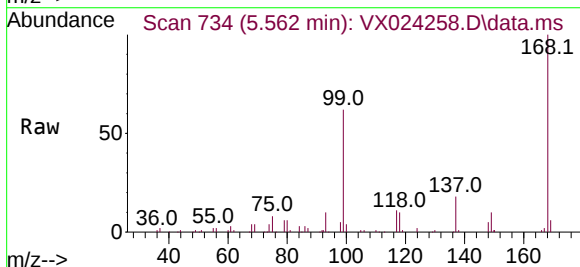
RT: 5.562 min Scan# 734

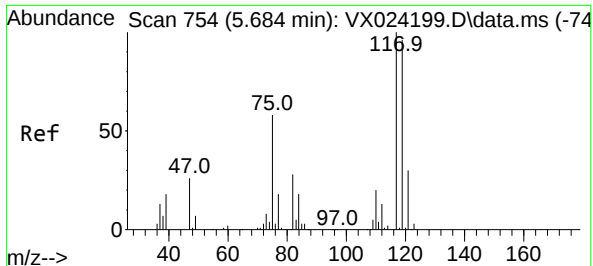
Delta R.T. -0.140 min

Lab File: VX024258.D

Acq: 15 Sep 2021 14:15

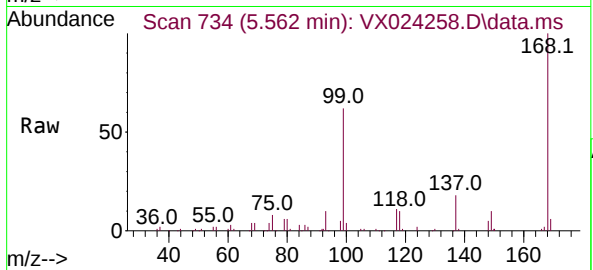
Tgt Ion:	75	Resp:	9873
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



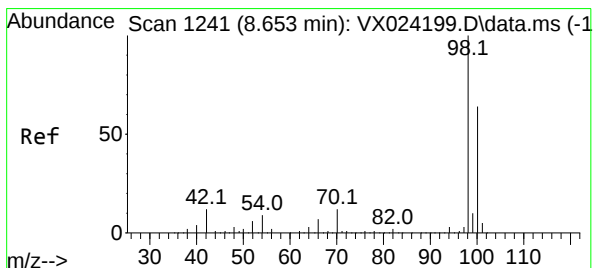
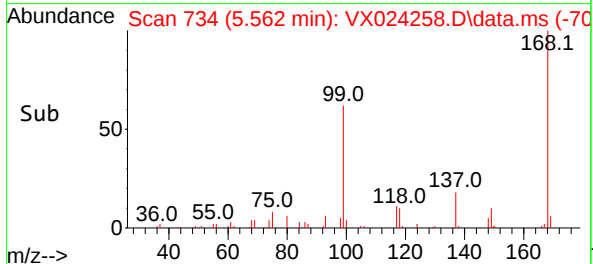
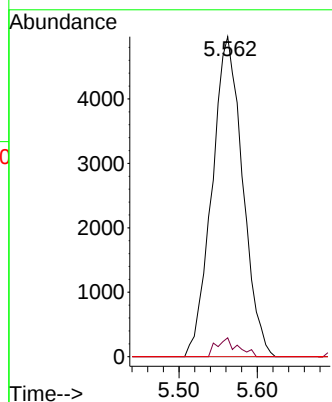


#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

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

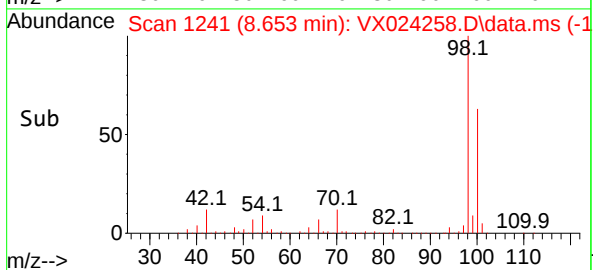
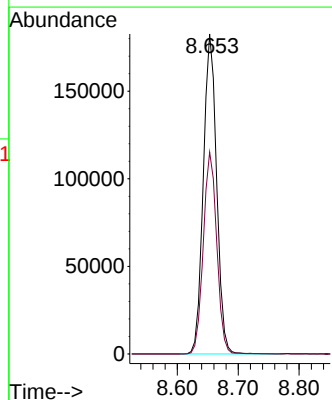
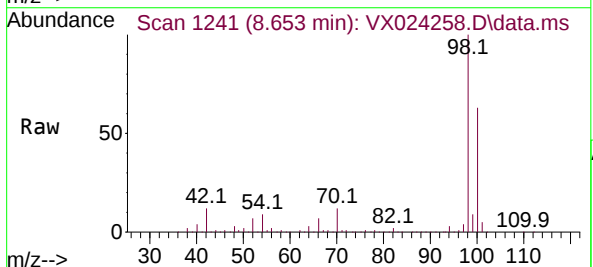


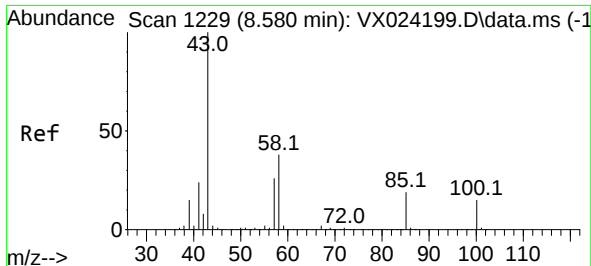
Tgt Ion:117 Resp: 13507
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.041 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 98 Resp: 277396
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

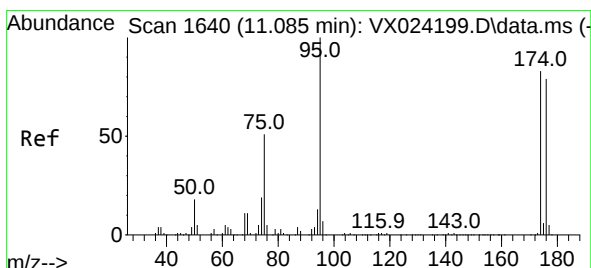
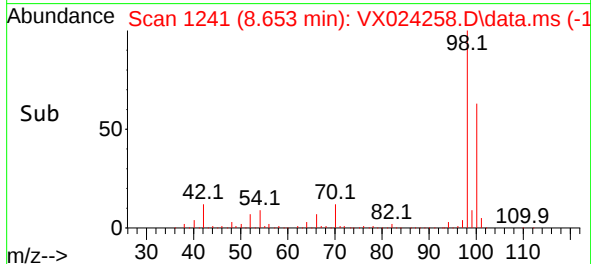
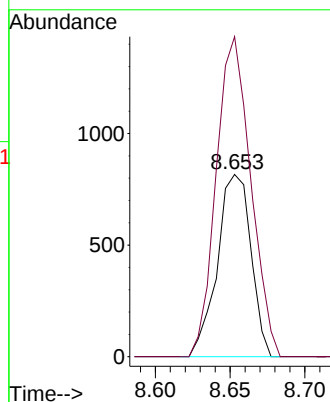
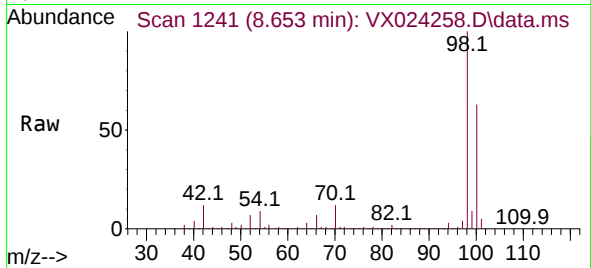




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

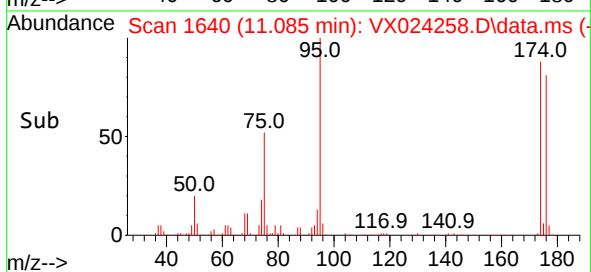
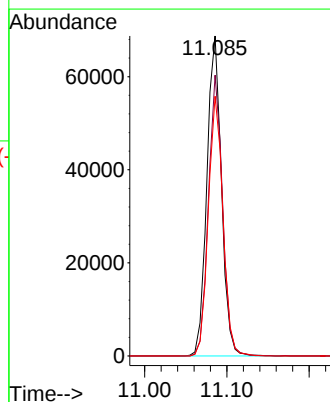
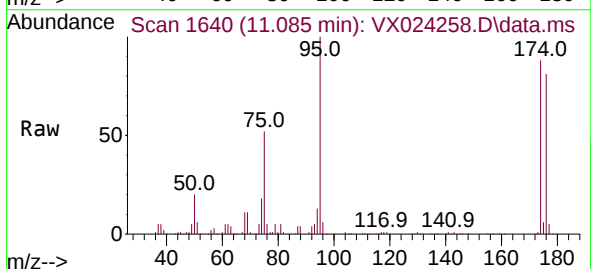
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

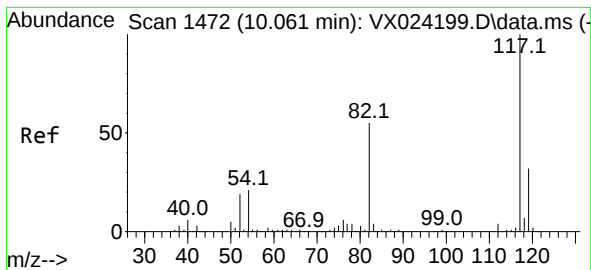
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 180.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 40.010 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 95 Resp: 84623
Ion Ratio Lower Upper
95 100
174 85.5 0.0 154.6
176 81.4 0.0 155.8

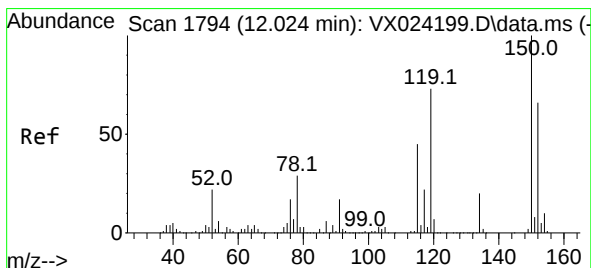
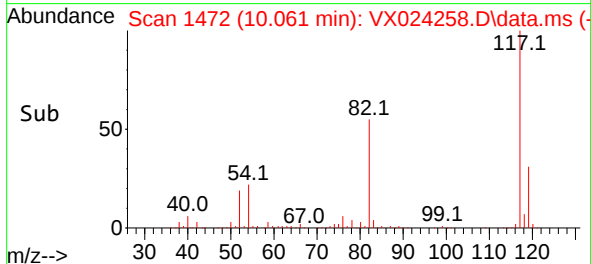
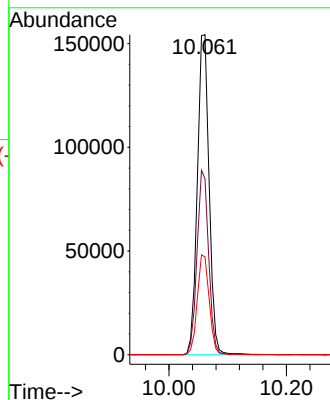
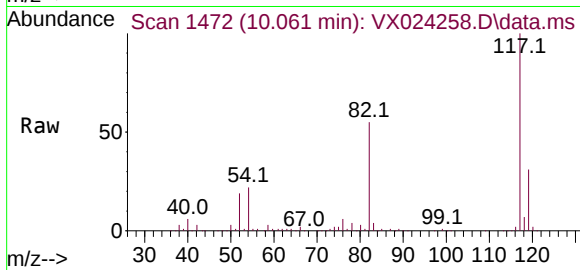




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

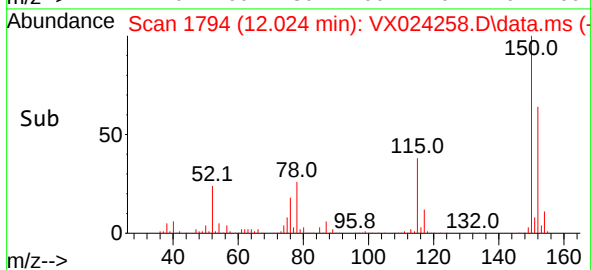
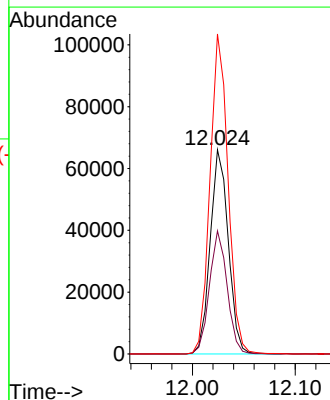
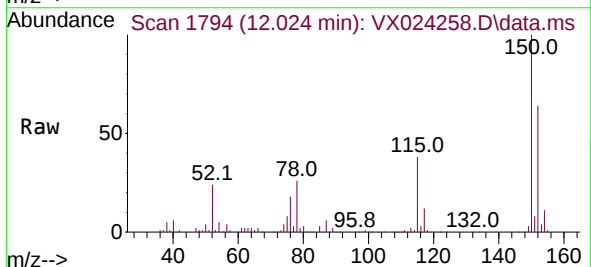
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

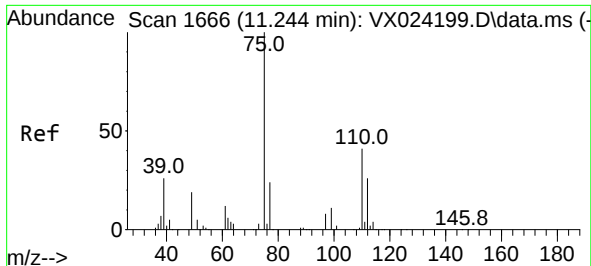
Tgt Ion:117 Resp: 215011
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion:152 Resp: 80739
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.2 0.0 349.0

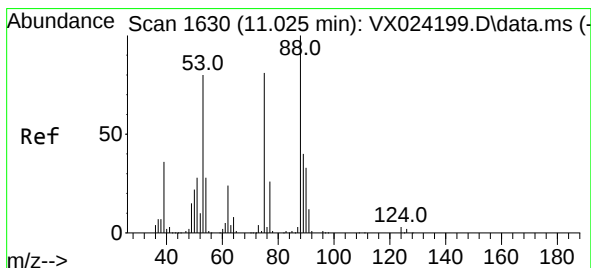
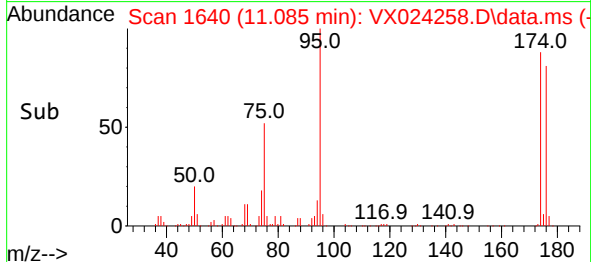
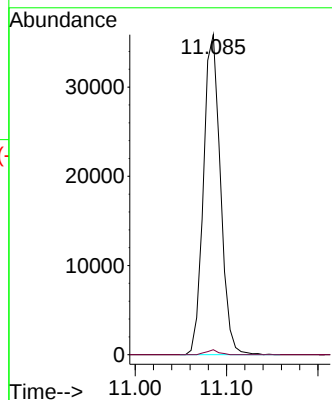
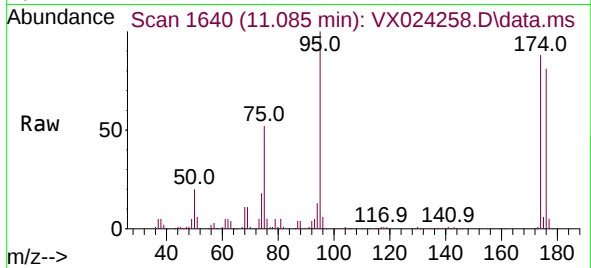




#76
1,2,3-Trichloropropane
Concen: 24.865 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

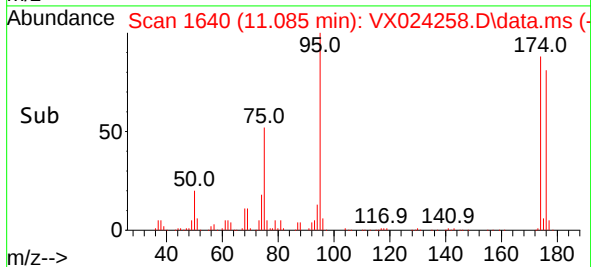
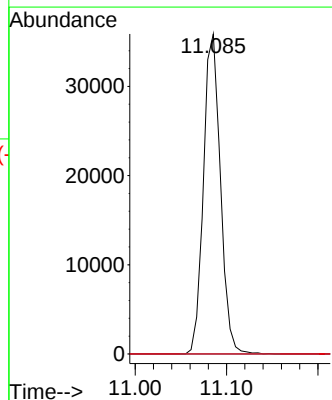
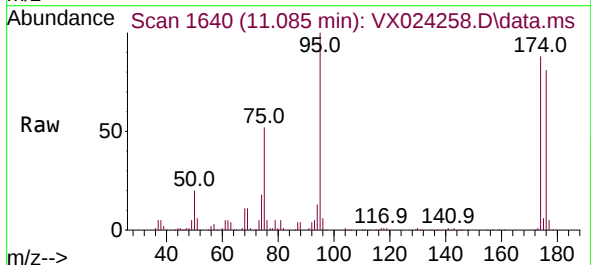
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

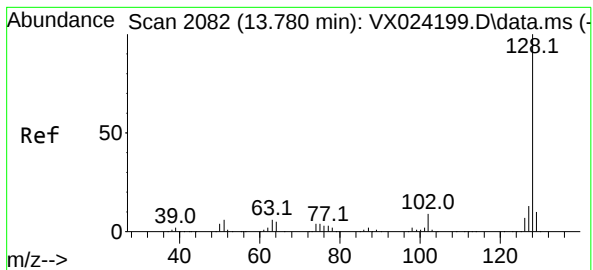
Tgt Ion: 75 Resp: 46162
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

Tgt Ion: 75 Resp: 46162
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024258.D
Acq: 15 Sep 2021 14:15

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

Tgt Ion:128 Resp: 57
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

