

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028934.D
 Acq On : 24 May 2022 20:11
 Operator : JC/MD
 Sample : N2980-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 25 01:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

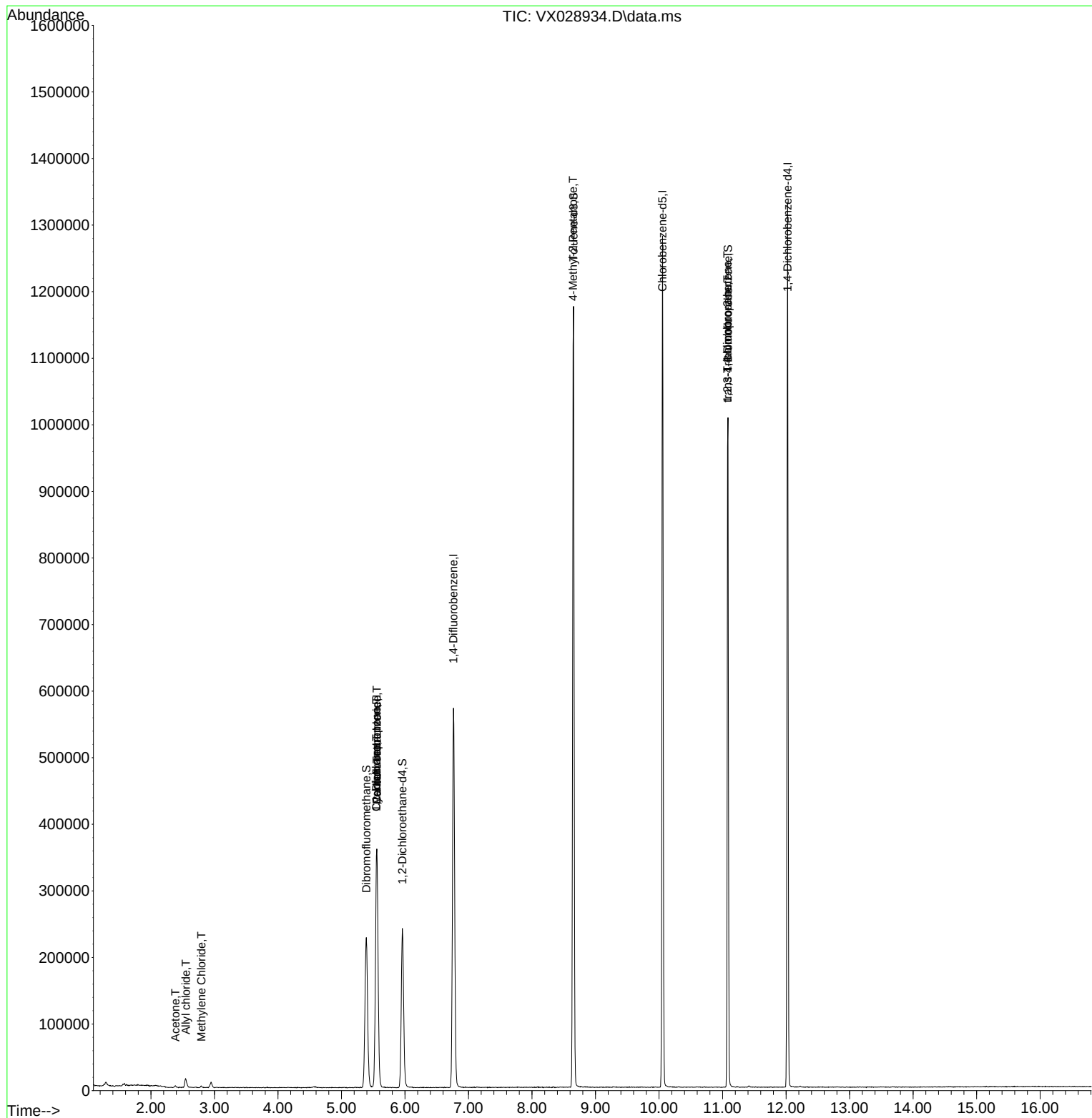
Internal Standards						
1) Pentafluorobenzene	5.556	168	337363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	594724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233455	50.483	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.960%			
35) Dibromofluoromethane	5.391	113	200332	51.413	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.820%			
50) Toluene-d8	8.653	98	705112	47.997	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.085	95	277910	50.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.300%			
Target Compounds						
5) Bromomethane	1.617	94	760	Below Cal	Qvalue 91	
6) Chloroethane	1.697	64	153	Below Cal	# 50	
11) Tert butyl alcohol	2.940	59	4442	Below Cal	# 72	
14) Allyl chloride	2.550	41	1712	0.306	ug/l # 60	
16) Acetone	2.385	43	2754	1.388	ug/l # 87	
20) Methylene Chloride	2.794	84	1102	0.265	ug/l # 80	
31) Cyclohexane	5.549	56	6641	1.035	ug/l # 10	
36) 1,1-Dichloropropene	5.549	75	25620	4.378	ug/l # 50	
38) Carbon Tetrachloride	5.556	117	35155	5.969	ug/l # 16	
51) 4-Methyl-2-Pentanone	8.646	43	2697	0.428	ug/l # 1	
76) 1,2,3-Trichloropropane	11.079	75	142810	23.157	ug/l # 38	
81) trans-1,4-Dichloro-2-b...	11.079	75	142810	67.605	ug/l # 15	

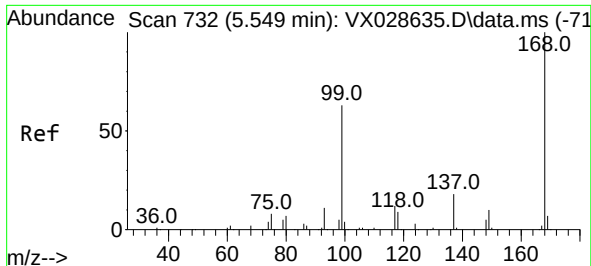
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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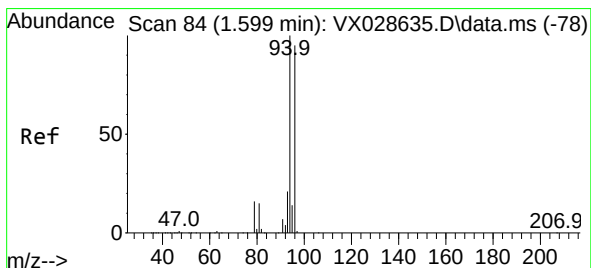
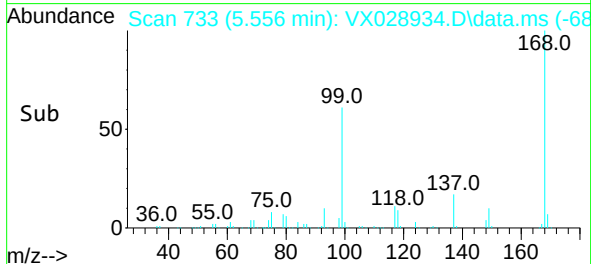
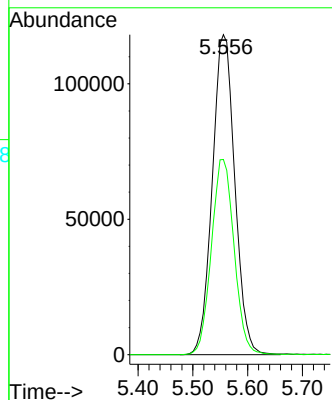
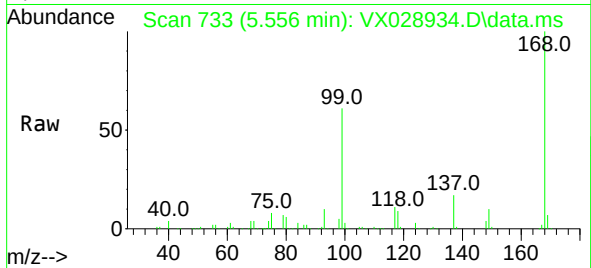




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

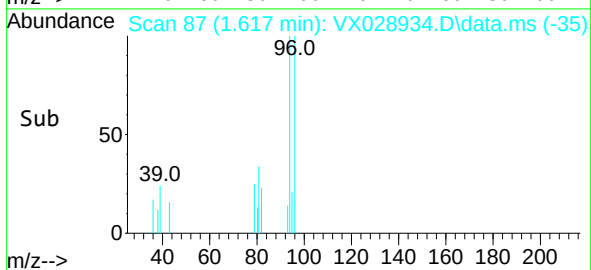
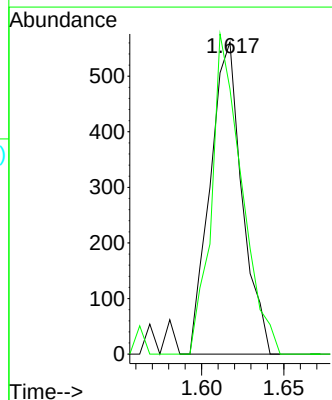
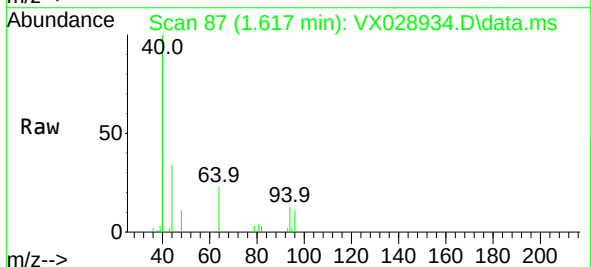
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

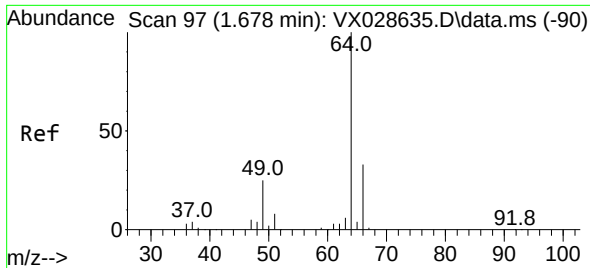
Tgt Ion:168 Resp: 337363
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 85.0 75.3 112.9

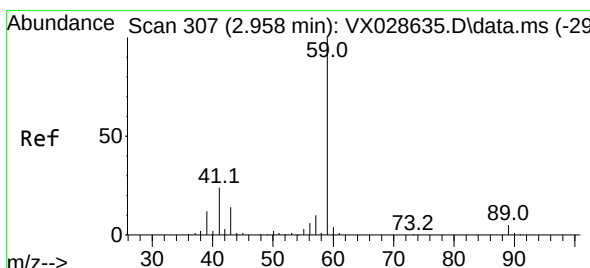
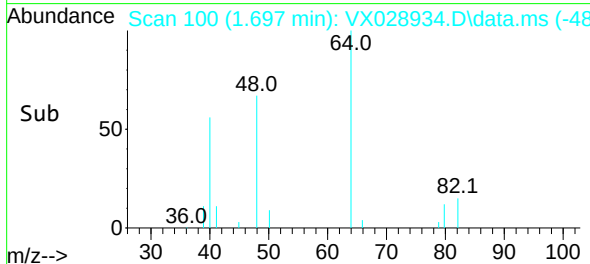
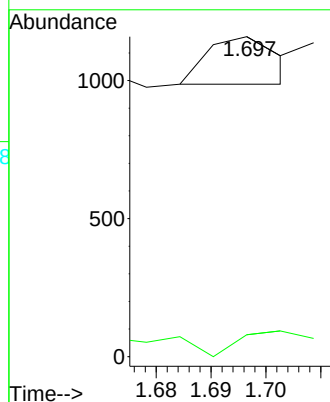
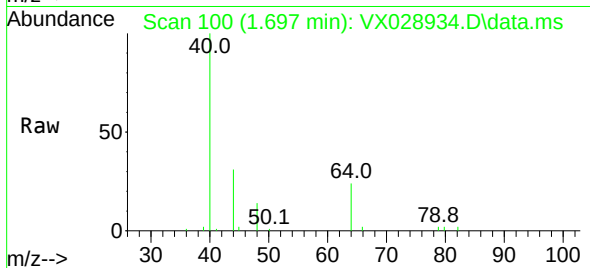




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 10
Delta R.T. 0.019 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

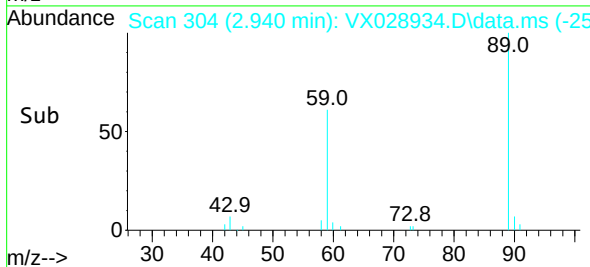
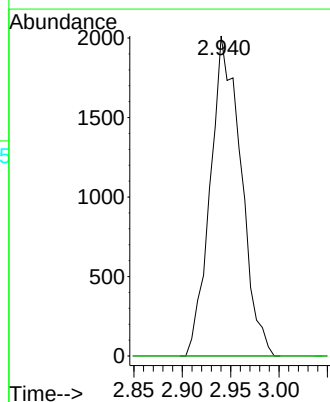
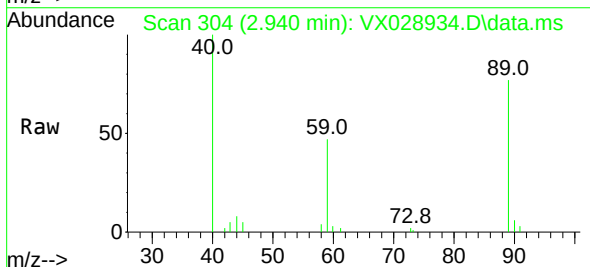
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

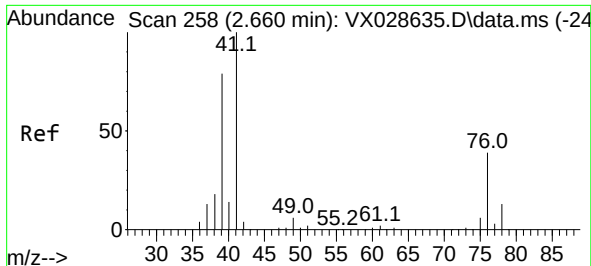
Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 4.1 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 59 Resp: 4442
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

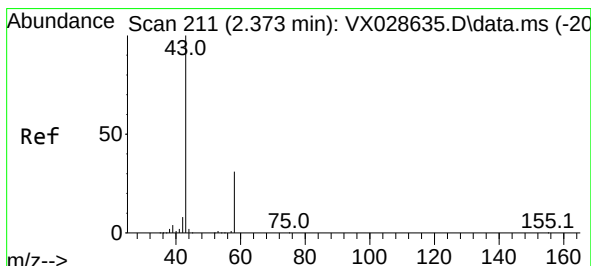
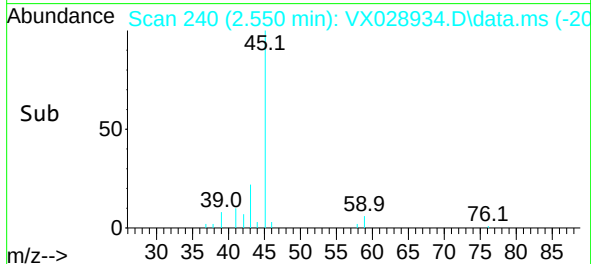
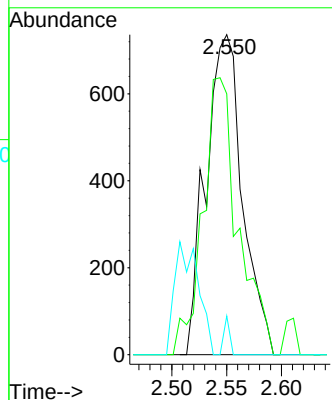
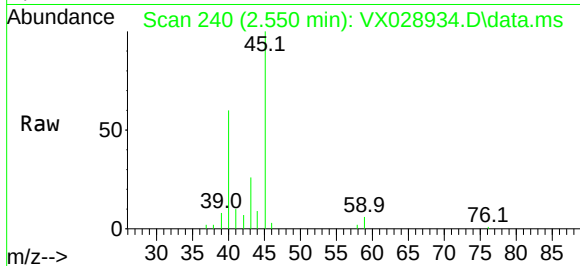




#14
 Allyl chloride
 Concen: 0.306 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.110 min
 Lab File: VX028934.D
 Acq: 24 May 2022 20:11

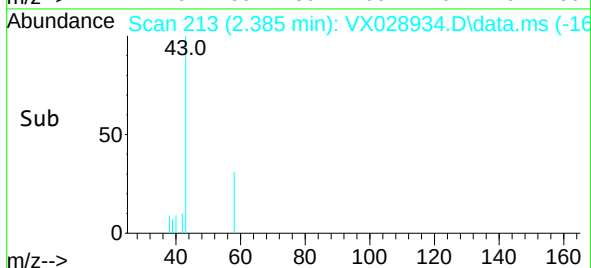
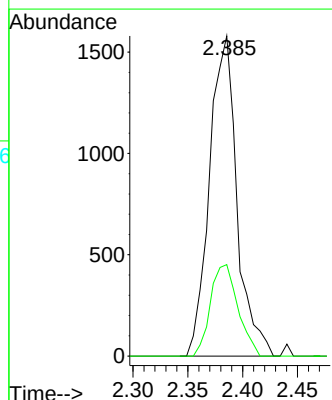
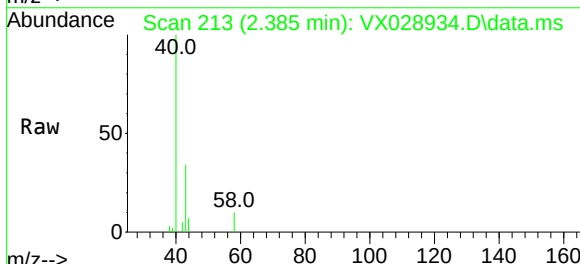
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

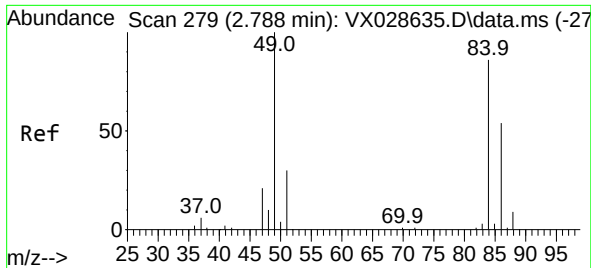
Tgt Ion: 41 Resp: 1712
 Ion Ratio Lower Upper
 41 100
 39 83.2 50.4 75.6#
 76 1.9 32.7 49.1#



#16
 Acetone
 Concen: 1.388 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VX028934.D
 Acq: 24 May 2022 20:11

Tgt Ion: 43 Resp: 2754
 Ion Ratio Lower Upper
 43 100
 58 28.5 28.8 43.2#

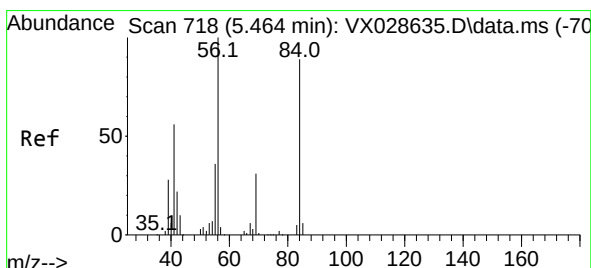
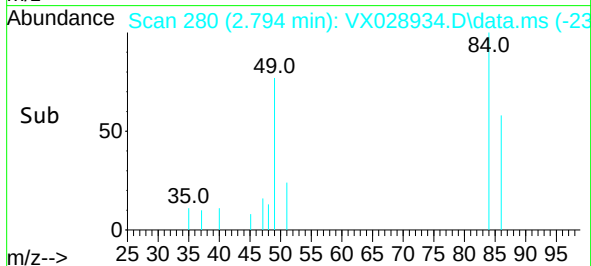
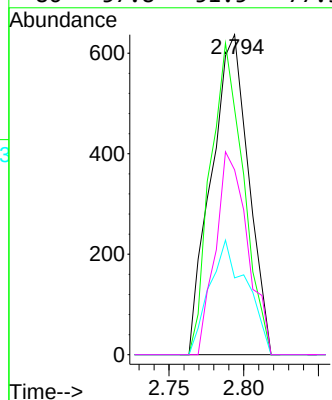
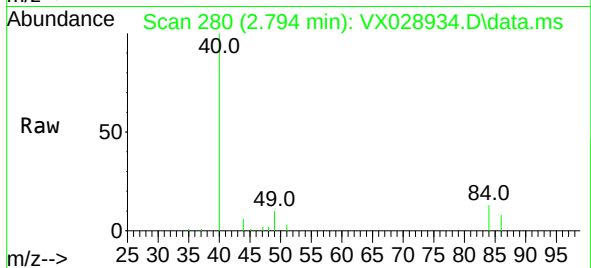




#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

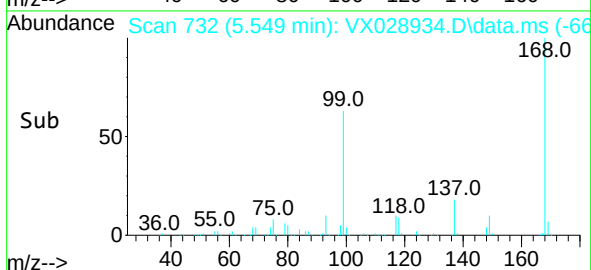
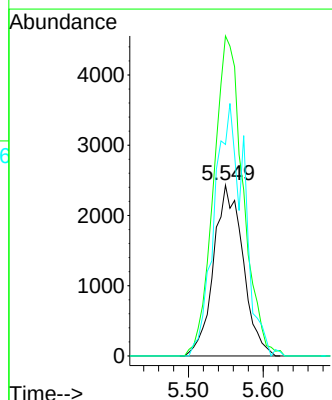
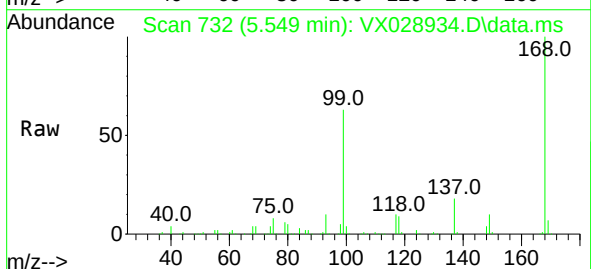
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

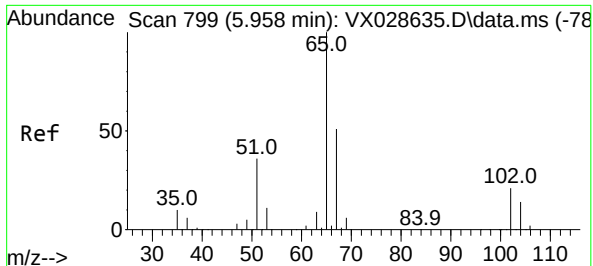
Tgt Ion: 84	Resp: 1102
Ion Ratio	Lower Upper
84 100	
49 76.8	85.5 128.3#
51 24.0	26.6 39.8#
86 57.8	51.5 77.3



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 56	Resp: 6641
Ion Ratio	Lower Upper
56 100	
69 187.4	26.7 40.1#
84 123.9	77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.483 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028934.D

Acq: 24 May 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

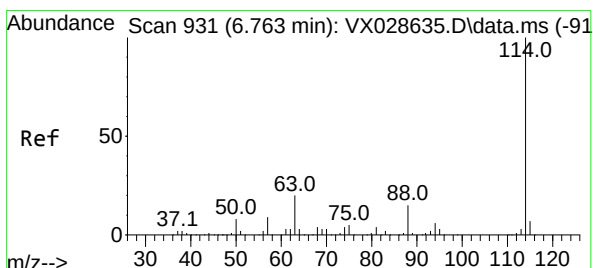
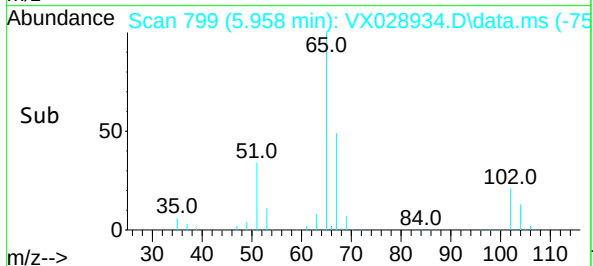
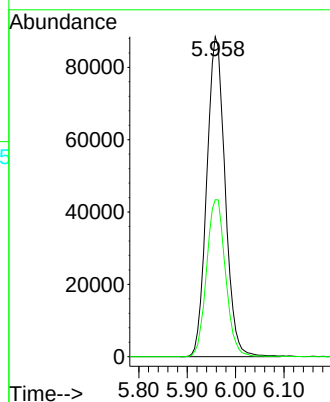
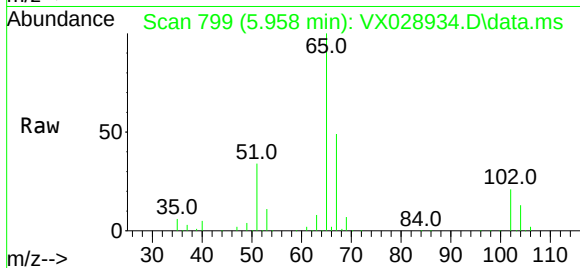
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 233455

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028934.D

Acq: 24 May 2022 20:11

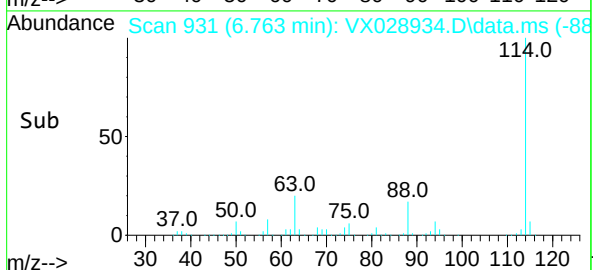
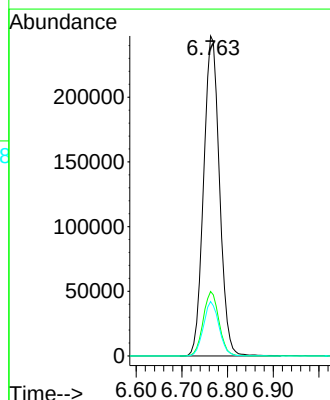
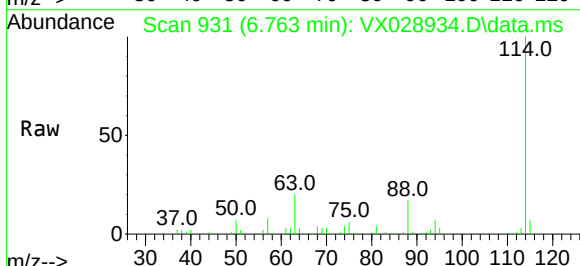
Tgt Ion: 114 Resp: 594724

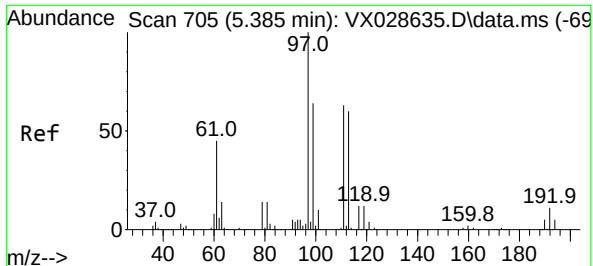
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.413 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028934.D

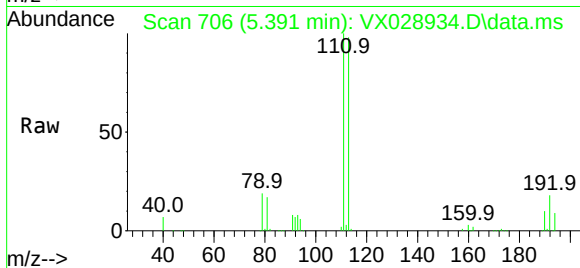
Acq: 24 May 2022 20:11

Instrument :

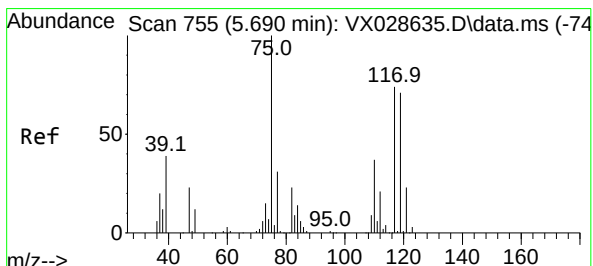
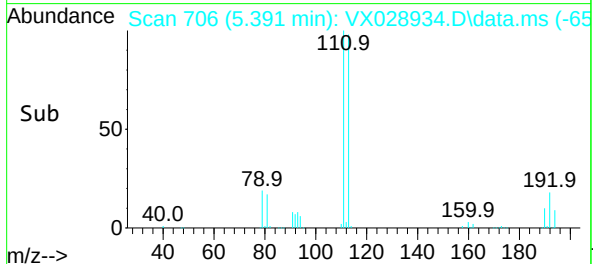
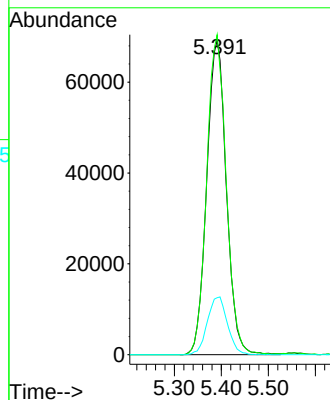
MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:	113	Resp:	200332
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	18.8	16.9	25.3



#36

1,1-Dichloropropene

Concen: 4.378 ug/l

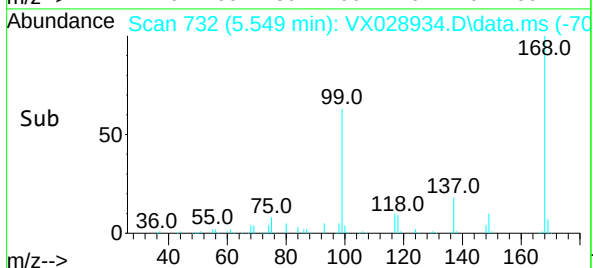
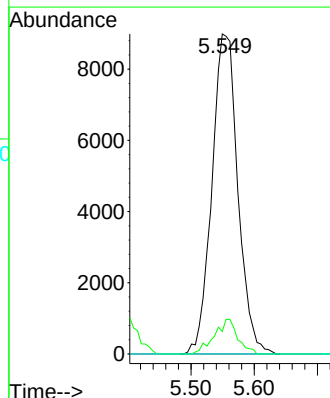
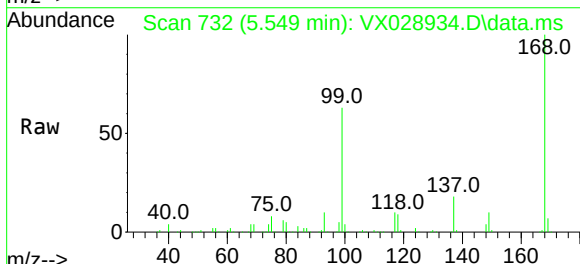
RT: 5.549 min Scan# 732

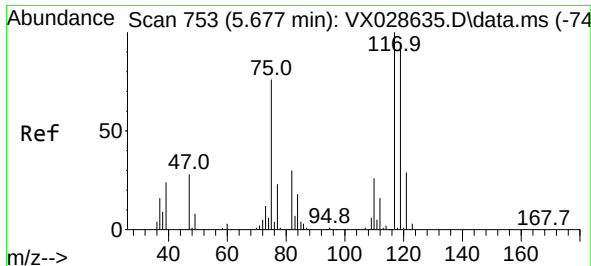
Delta R.T. -0.141 min

Lab File: VX028934.D

Acq: 24 May 2022 20:11

Tgt Ion:	75	Resp:	25620
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	24.8	37.2#

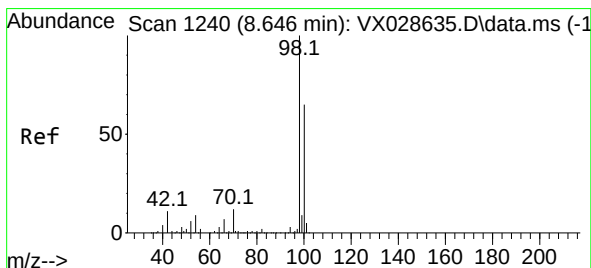
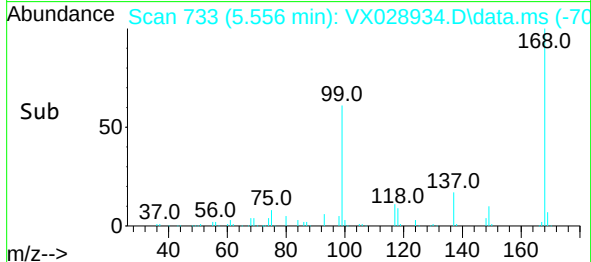
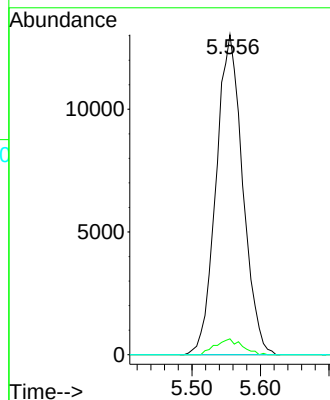
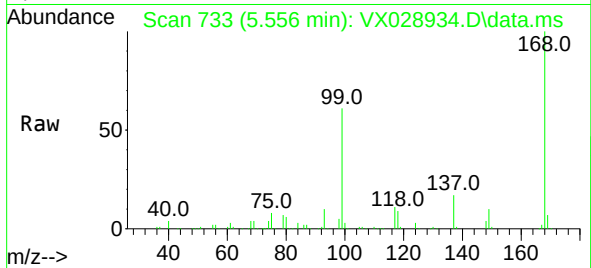




#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

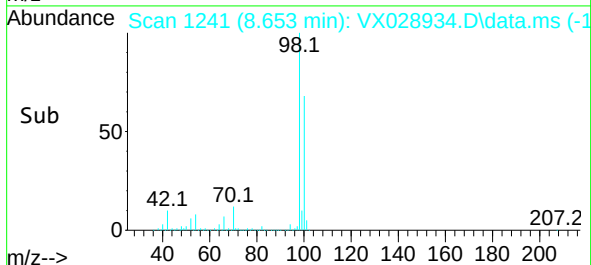
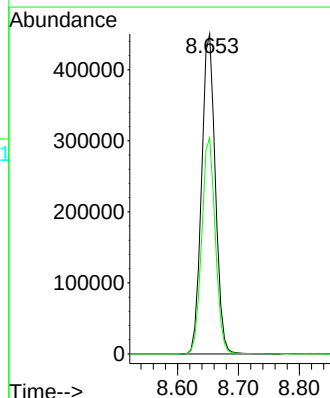
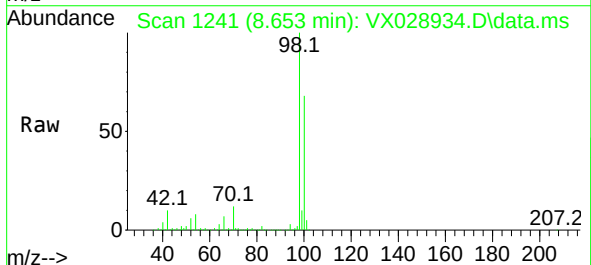
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

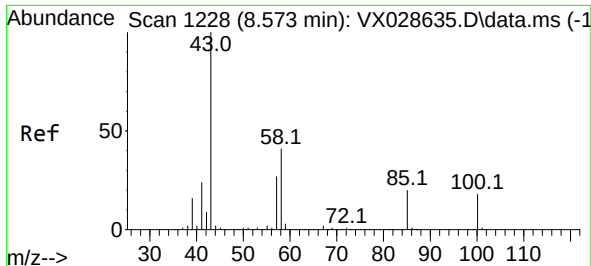
Tgt Ion:117 Resp: 35155
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.997 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 98 Resp: 705112
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

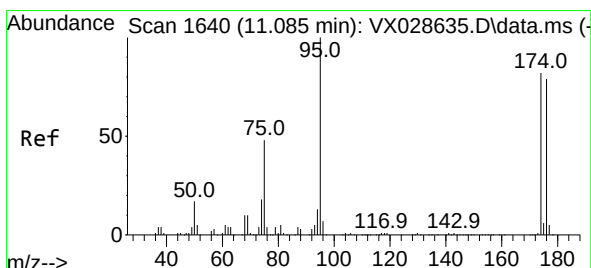
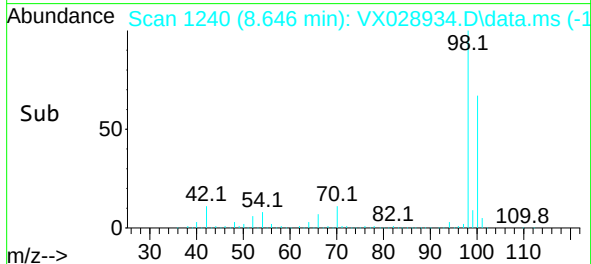
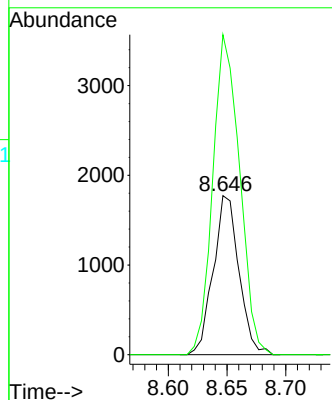
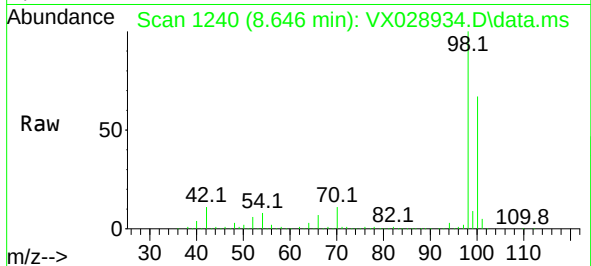




#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

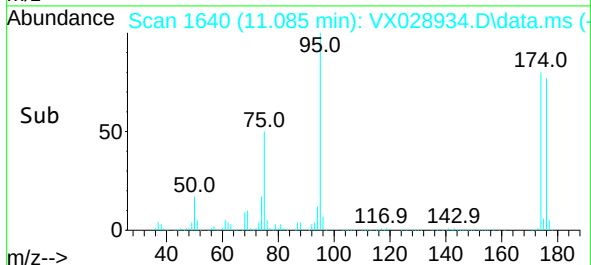
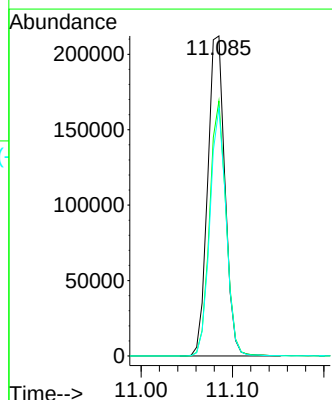
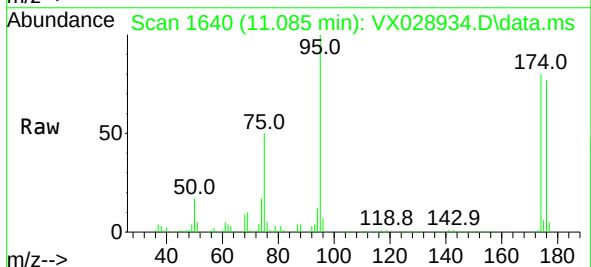
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

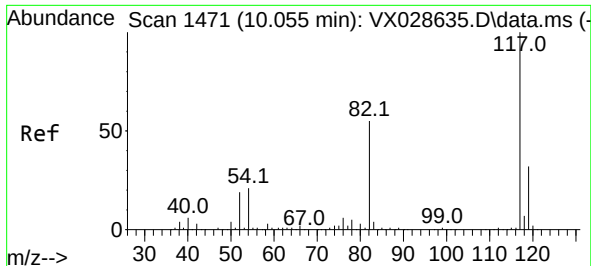
Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
58 209.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.648 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 95 Resp: 277910
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 72.9 0.0 155.0

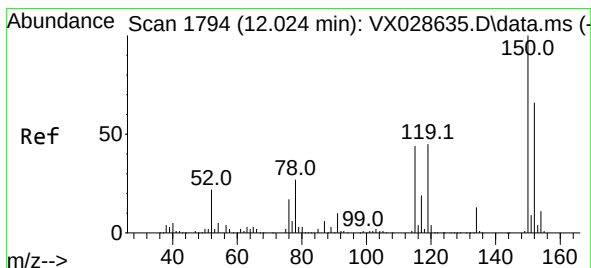
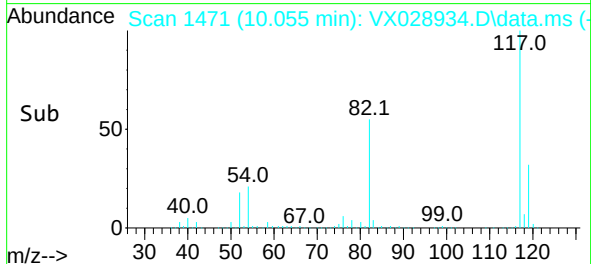
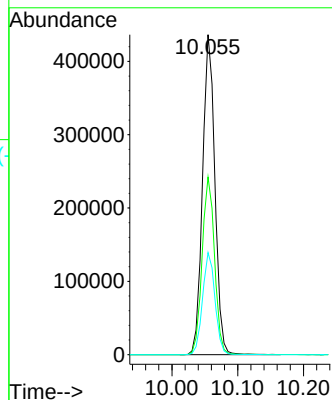
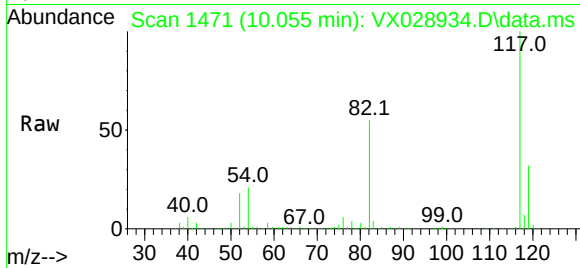




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

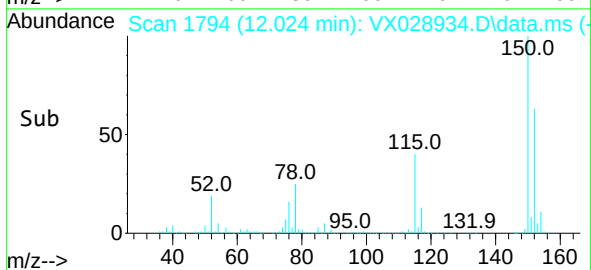
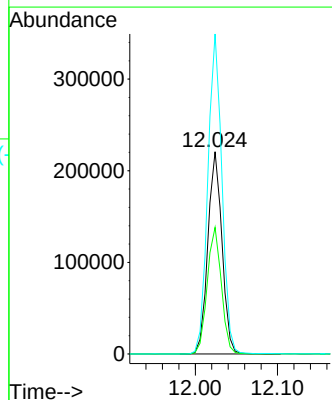
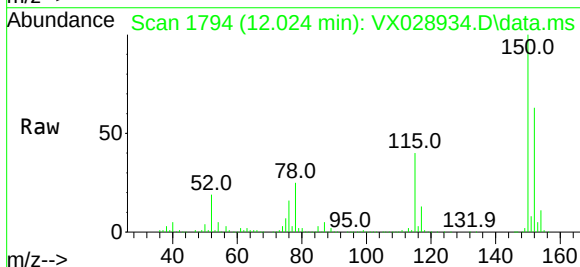
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

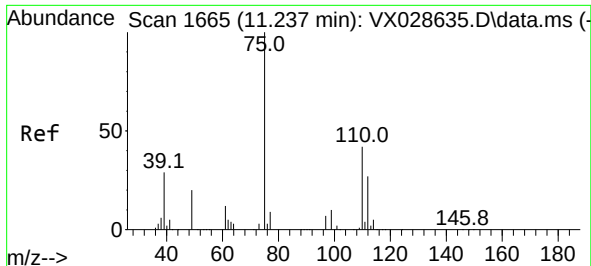
Tgt Ion:117 Resp: 569748
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion:152 Resp: 263338
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.3 0.0 338.2

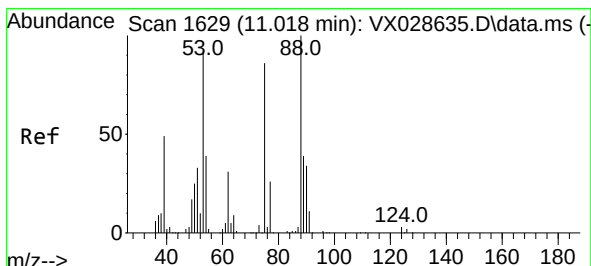
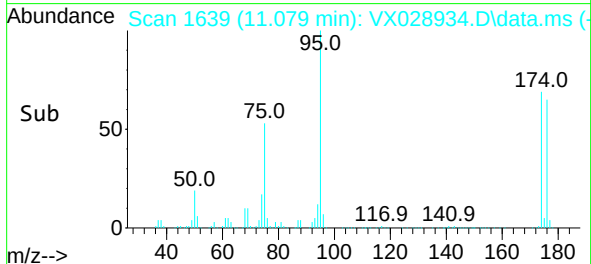
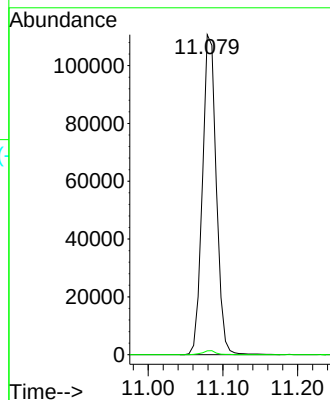
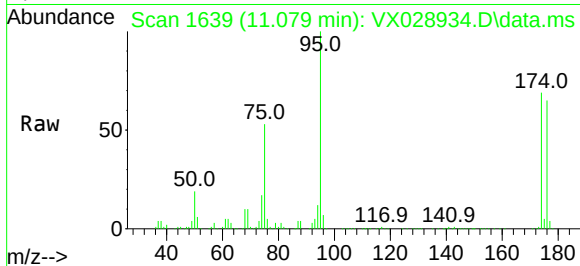




#76
1,2,3-Trichloropropane
Concen: 23.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 142810
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028934.D
Acq: 24 May 2022 20:11

Tgt Ion: 75 Resp: 142810
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

