

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035086.D
 Acq On : 14 Apr 2023 16:19
 Operator : JC/MD
 Sample : 02363-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 17 05:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

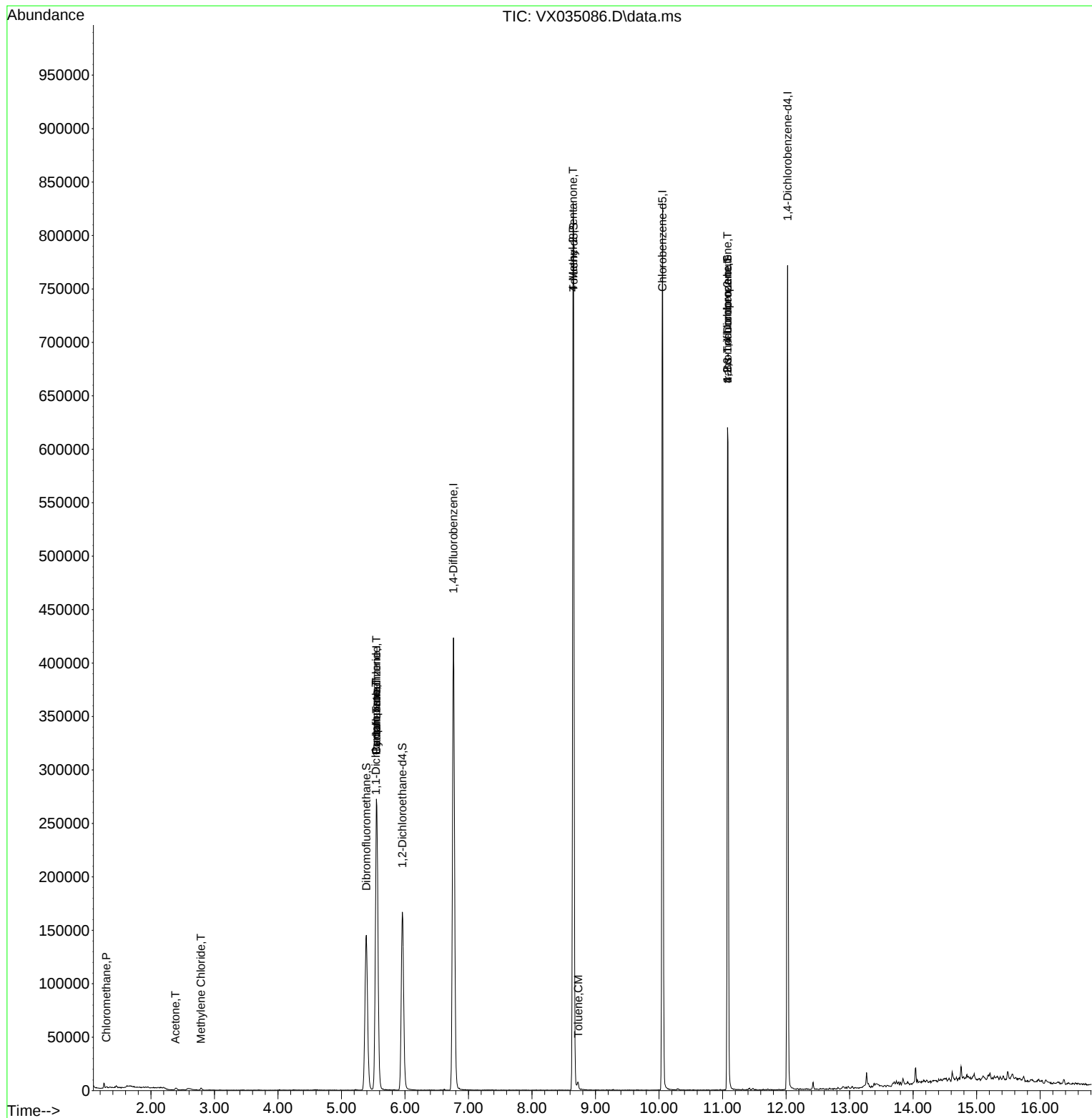
Internal Standards						
1) Pentafluorobenzene	5.550	168	254179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164384	42.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.580%		
35) Dibromofluoromethane	5.391	113	127557	45.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.000%		
50) Toluene-d8	8.653	98	497750	48.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	179996	44.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.900%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	684	0.215	ug/l	91
16) Acetone	2.386	43	2194	1.389	ug/l	89
20) Methylene Chloride	2.788	84	902	0.289	ug/l	92
31) Cyclohexane	5.550	56	5716	1.208	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19947	4.803	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26124	6.672	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2379	0.553	ug/l #	1
52) Toluene	8.726	92	2442	0.314	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	90467	28.733	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90467	86.109	ug/l #	8

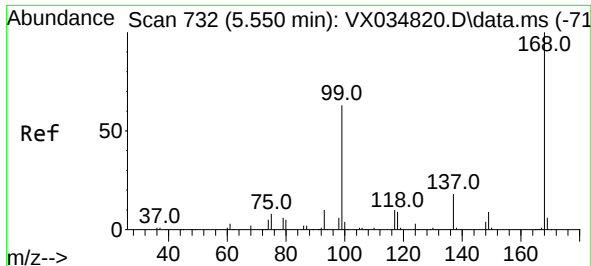
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
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Response via : Initial Calibration

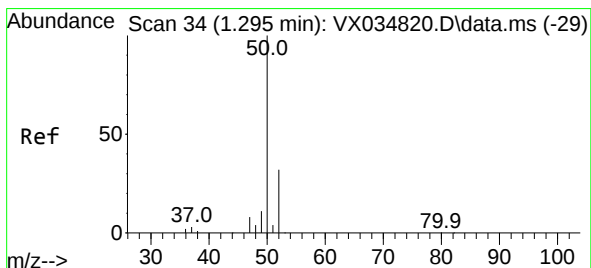
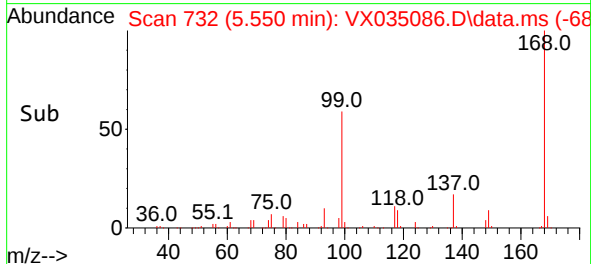
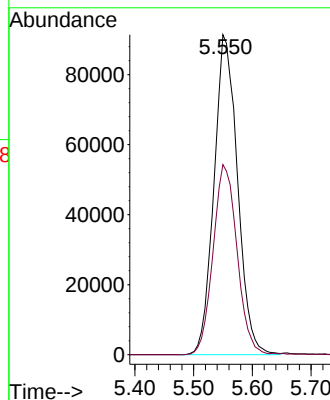
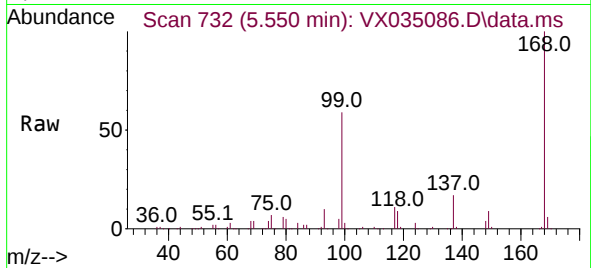




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

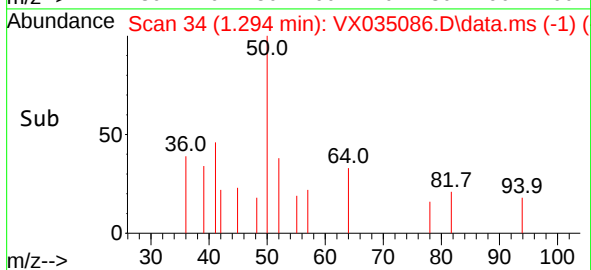
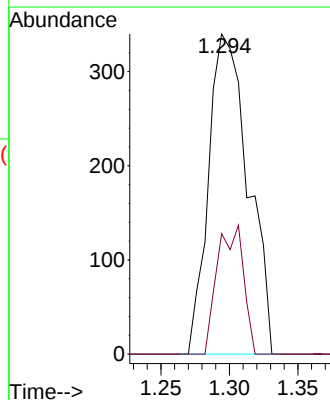
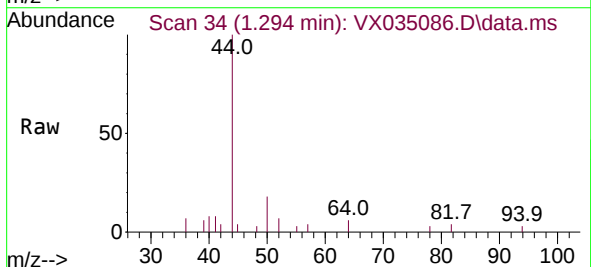
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

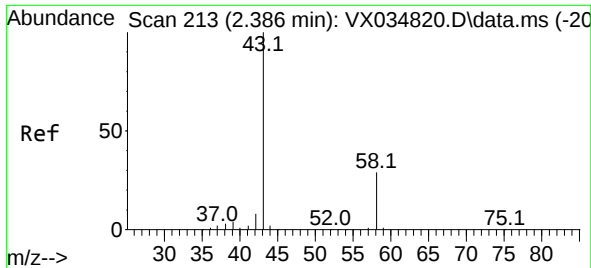
Tgt Ion:168 Resp: 254179
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion: 50 Resp: 684
Ion Ratio Lower Upper
50 100
52 37.6 25.9 38.9





#16

Acetone

Concen: 1.389 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX035086.D

Acq: 14 Apr 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

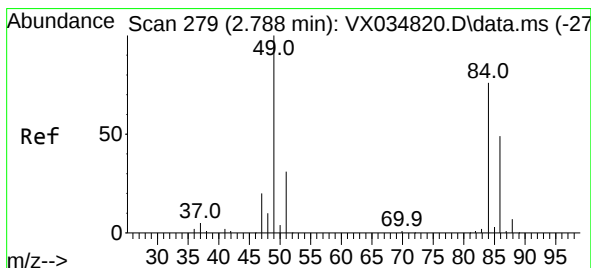
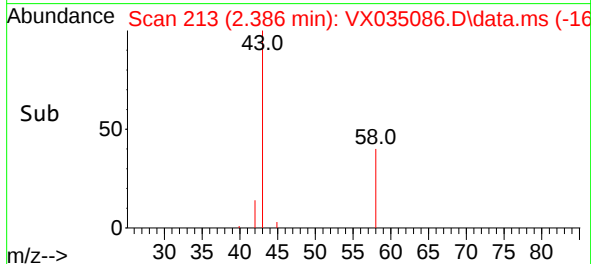
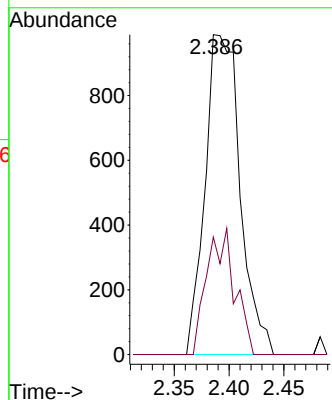
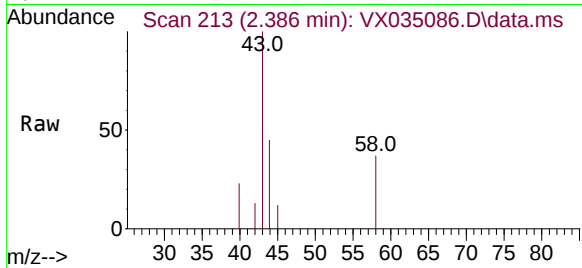
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 2194

Ion Ratio Lower Upper

43 100

58 36.7 24.7 37.1



#20

Methylene Chloride

Concen: 0.289 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035086.D

Acq: 14 Apr 2023 16:19

Tgt Ion: 84 Resp: 902

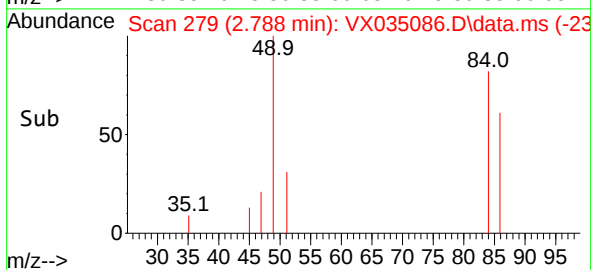
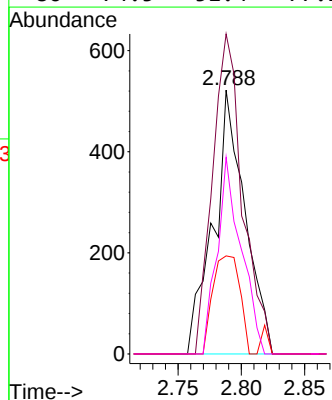
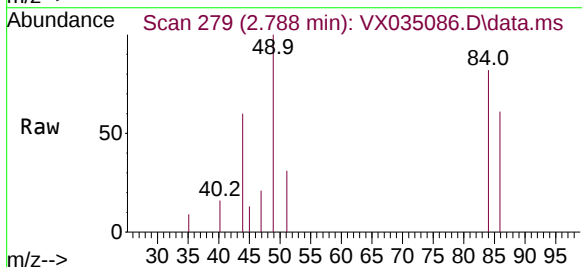
Ion Ratio Lower Upper

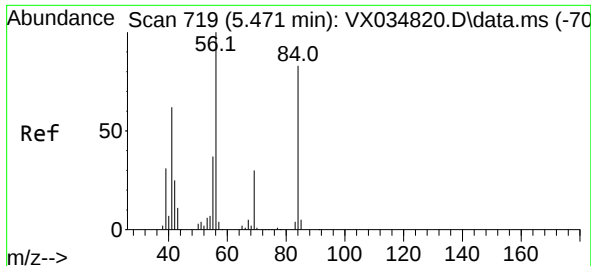
84 100

49 121.3 103.8 155.8

51 37.2 31.8 47.8

86 74.5 51.4 77.2

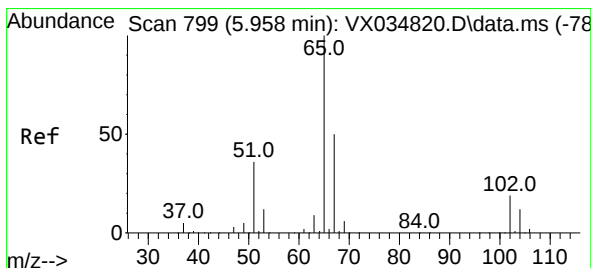
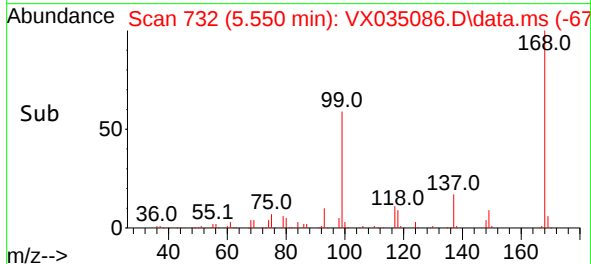
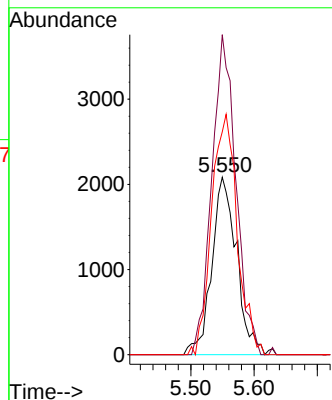
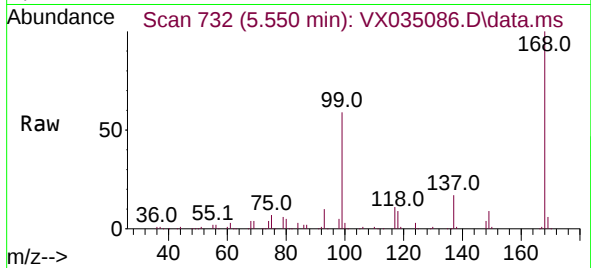




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

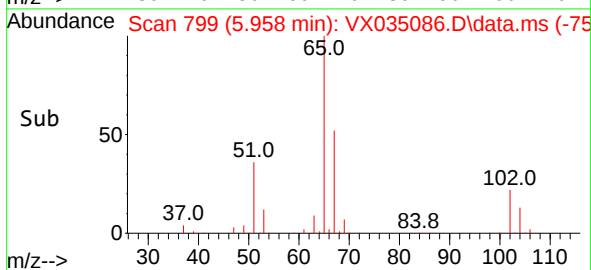
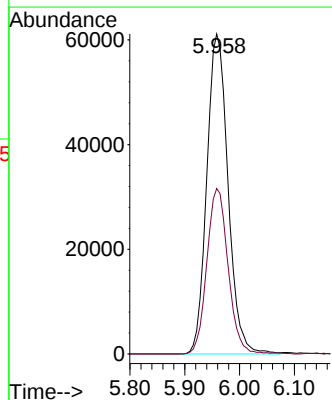
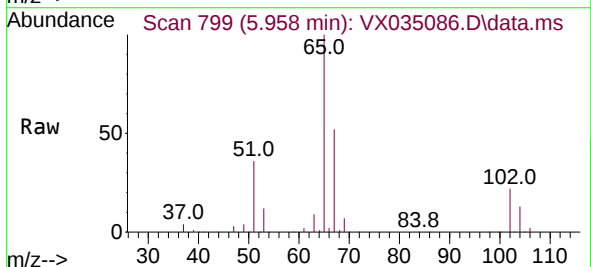
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

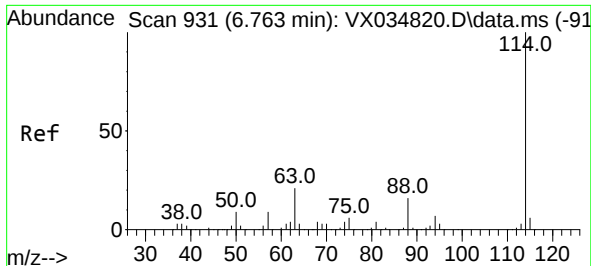
Tgt Ion: 56 Resp: 5716
Ion Ratio Lower Upper
56 100
69 180.3 23.7 35.5#
84 125.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.287 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion: 65 Resp: 164384
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

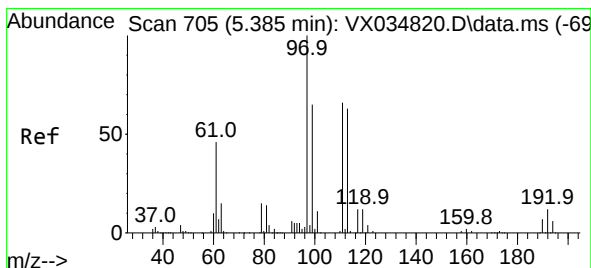
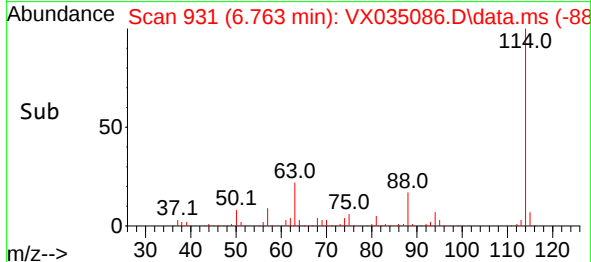
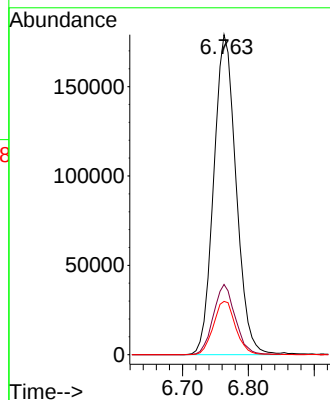
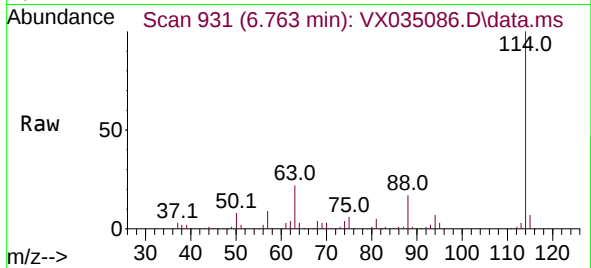




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

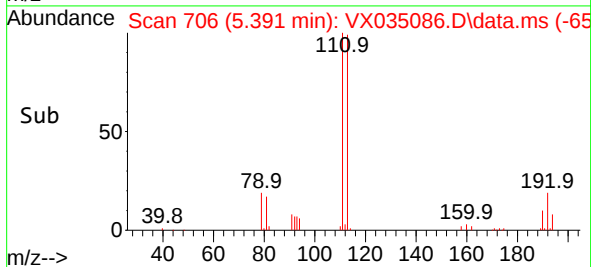
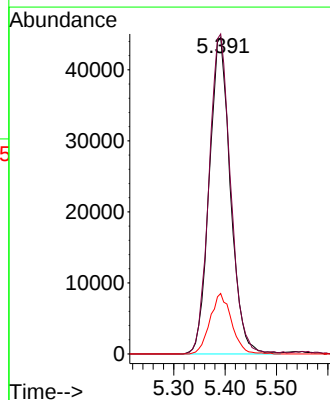
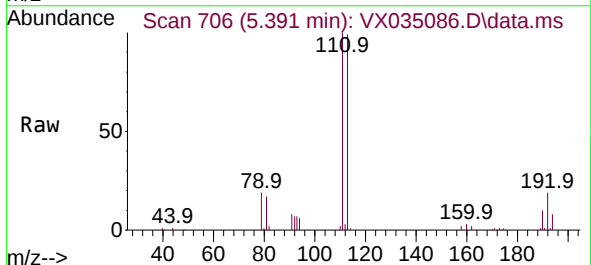
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

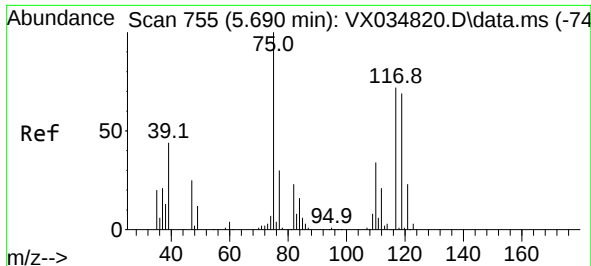
Tgt Ion:114 Resp: 423843
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.501 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion:113 Resp: 127557
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 19.4 15.4 23.2

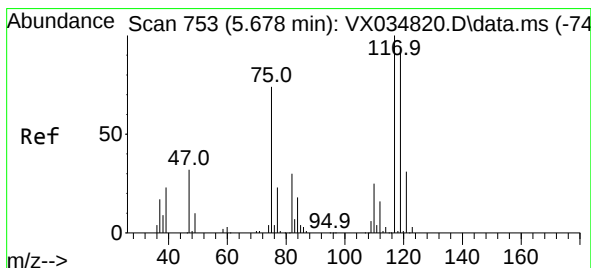
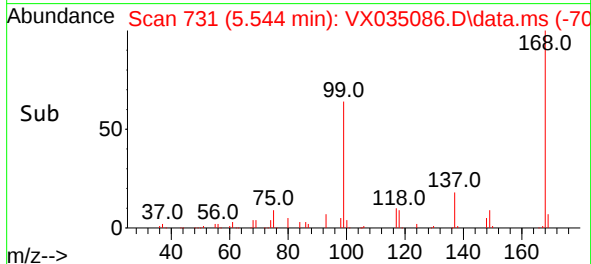
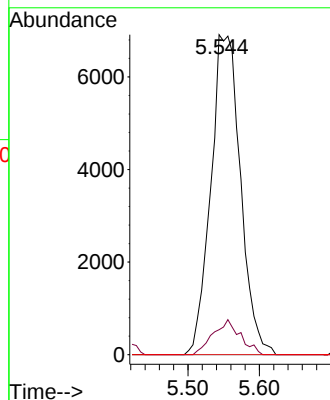
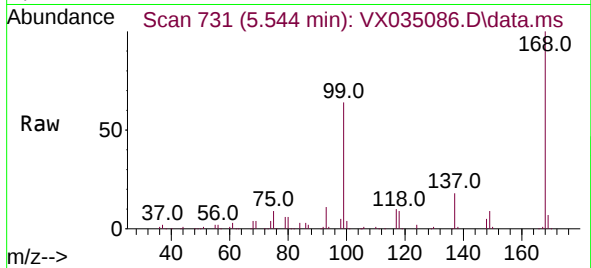




#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

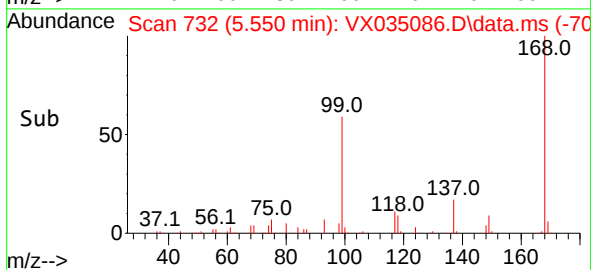
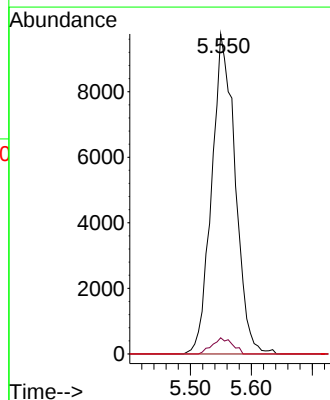
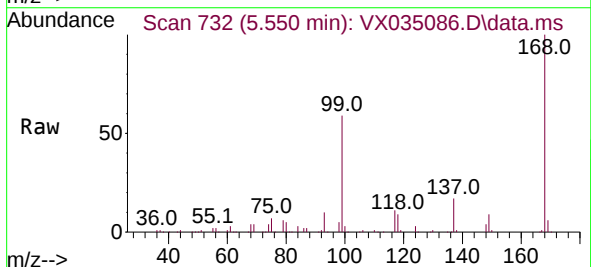
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

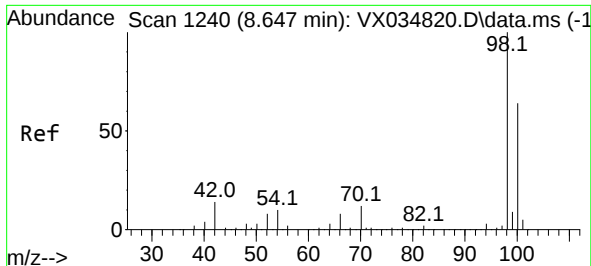
Tgt Ion: 75 Resp: 19947
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion: 117 Resp: 26124
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#

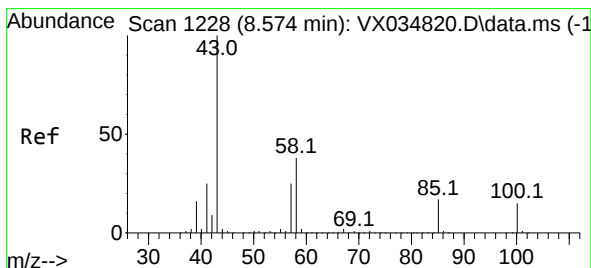
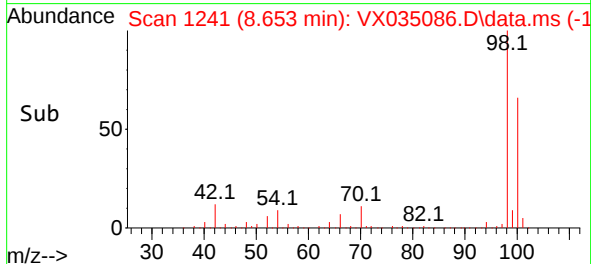
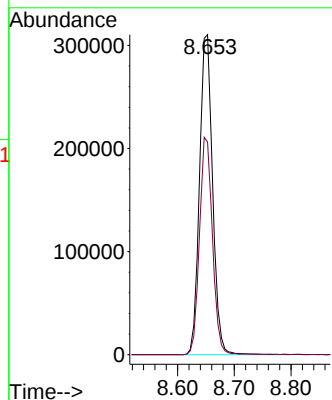
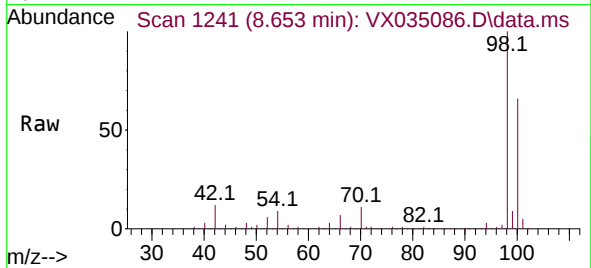




#50
Toluene-d8
Concen: 48.104 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

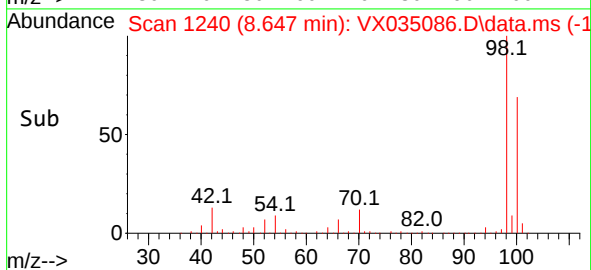
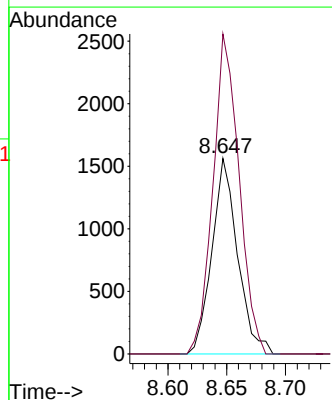
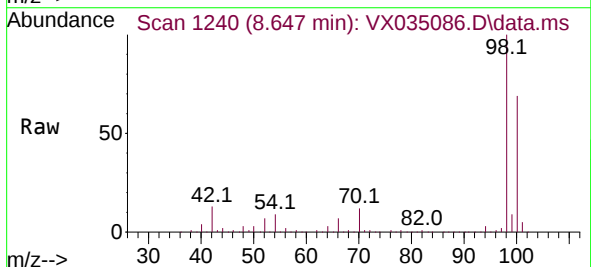
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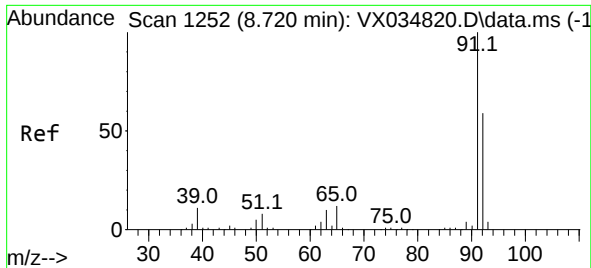
Tgt Ion: 98 Resp: 497750
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
58 166.0 30.6 46.0#

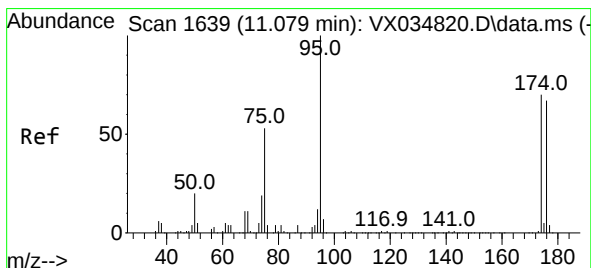
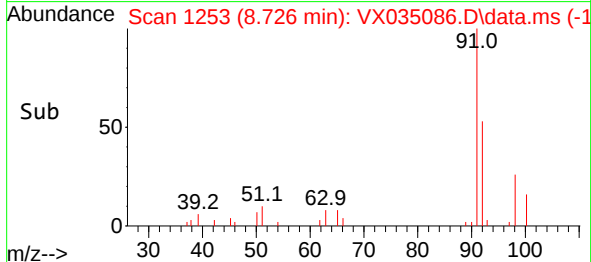
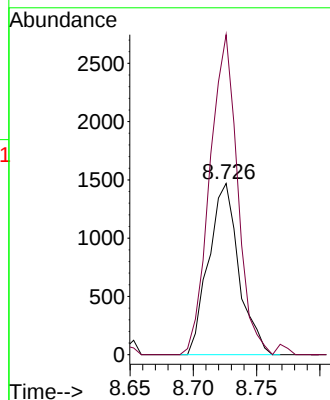
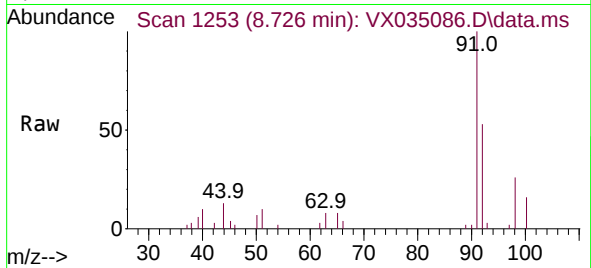




#52
Toluene
Concen: 0.314 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

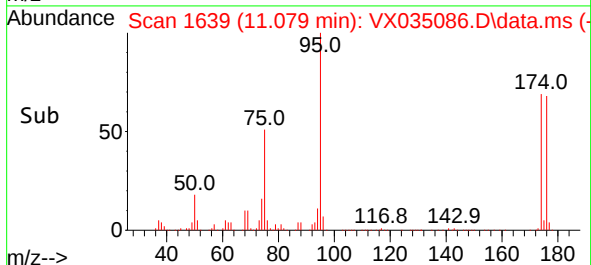
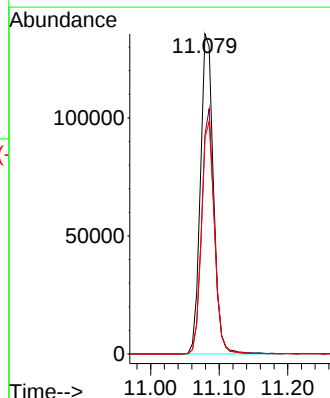
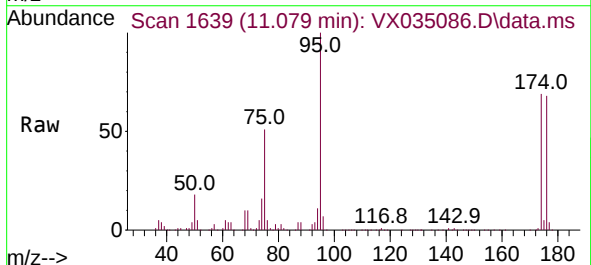
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

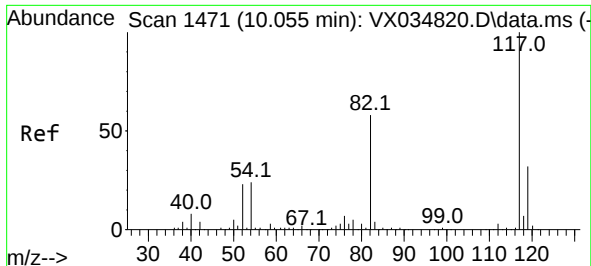
Tgt Ion: 92 Resp: 2442
Ion Ratio Lower Upper
92 100
91 171.9 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion: 95 Resp: 179996
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 72.5 0.0 140.6

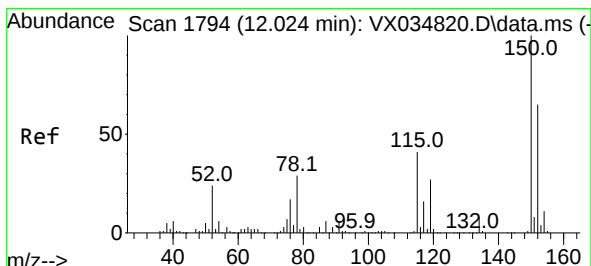
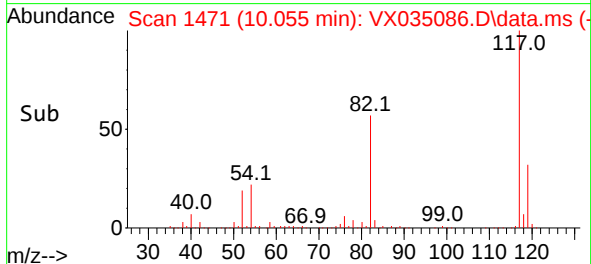
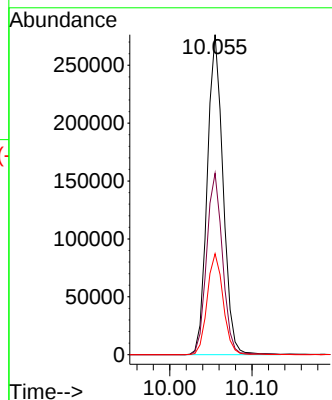
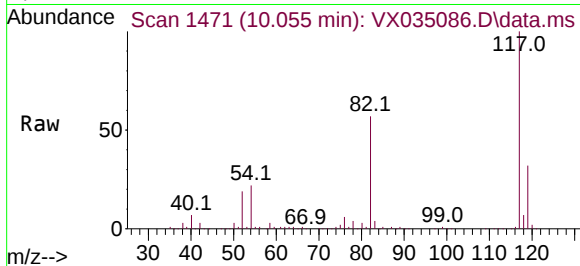




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

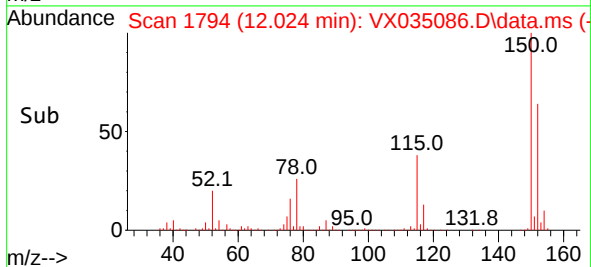
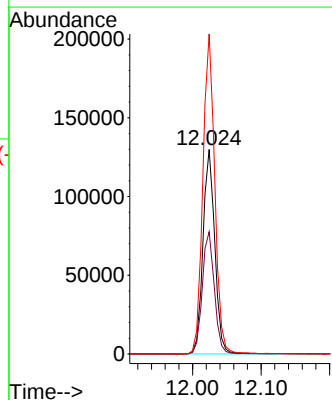
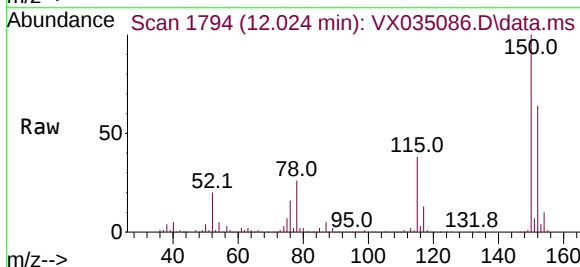
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

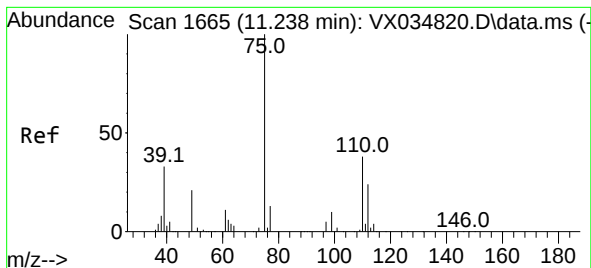
Tgt Ion:117 Resp: 368353
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035086.D
Acq: 14 Apr 2023 16:19

Tgt Ion:152 Resp: 156263
Ion Ratio Lower Upper
152 100
115 61.1 45.0 135.0
150 157.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 28.733 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035086.D

Acq: 14 Apr 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

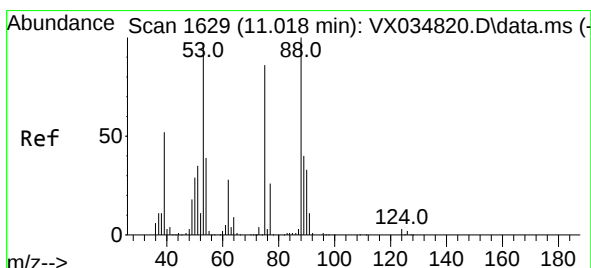
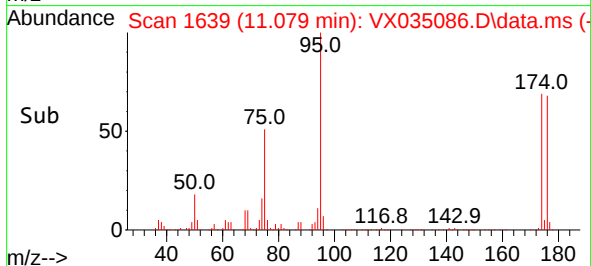
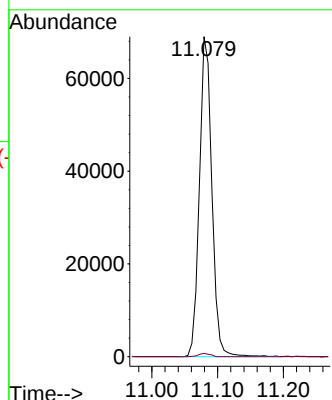
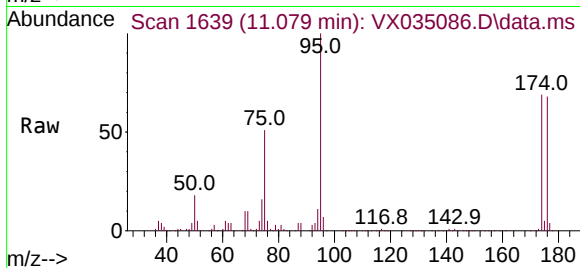
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 90467

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.109 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035086.D

Acq: 14 Apr 2023 16:19

Tgt Ion: 75 Resp: 90467

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

