

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035566.D
 Acq On : 08 May 2023 17:34
 Operator : JC/MD
 Sample : 02660-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-SAMPLE-API-3-6

Quant Time: May 09 03:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	238553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142204	49.411	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	121402	50.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	8.647	98	451498	49.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	173198	50.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%

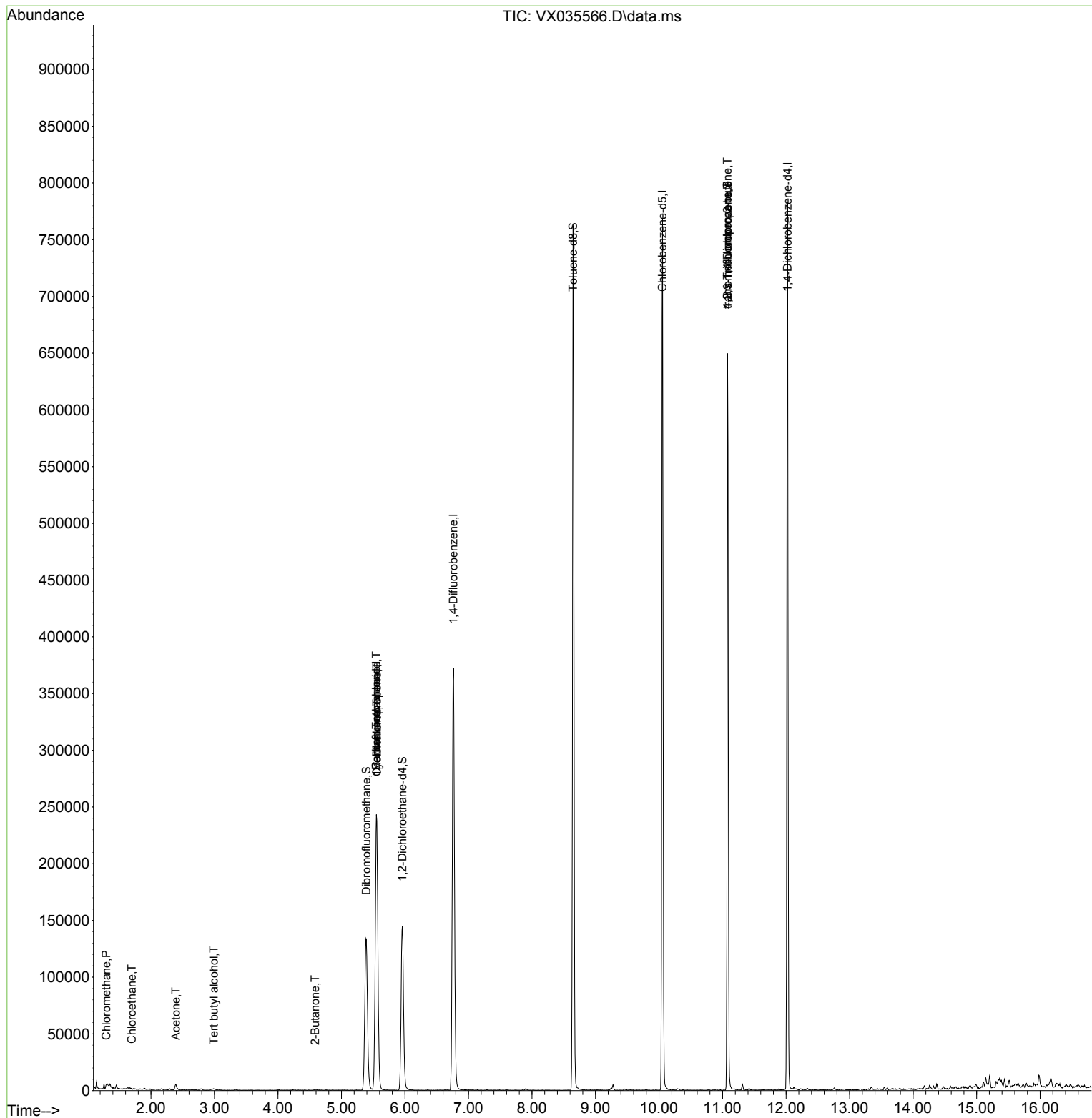
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	507	0.221	ug/l #	79
6) Chloroethane	1.697	64	309	0.229	ug/l #	42
11) Tert butyl alcohol	2.989	59	2794	5.332	ug/l #	86
16) Acetone	2.392	43	6241	4.993	ug/l #	85
25) 2-Butanone	4.587	43	777	0.426	ug/l	95
31) Cyclohexane	5.556	56	4712	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17061	4.545	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23568	6.613	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	86236	25.215	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86236	81.666	ug/l #	8

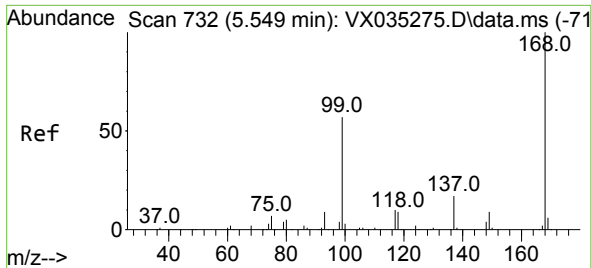
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WATER-SAMPLE-API-3-6

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

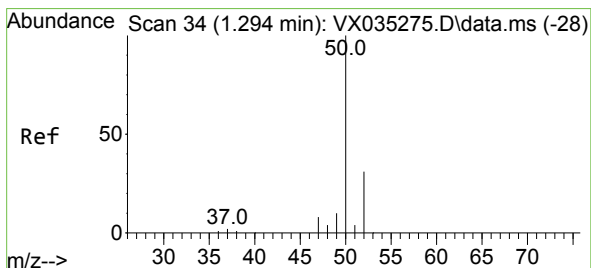
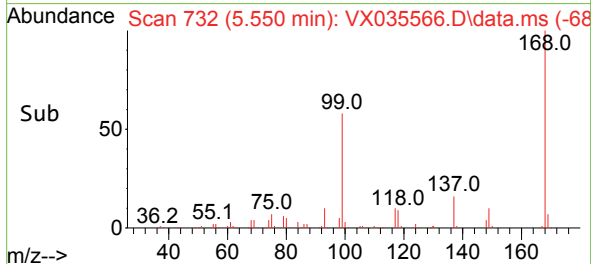
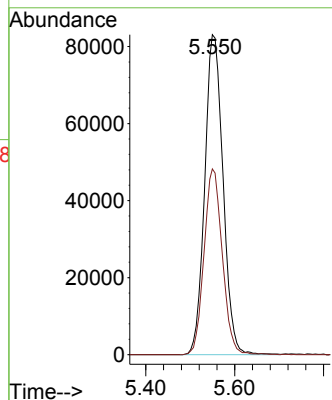
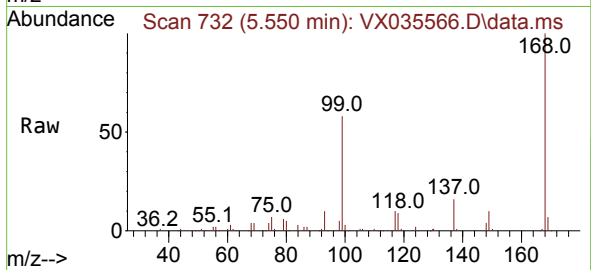




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

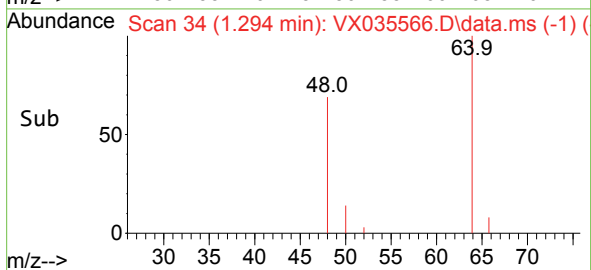
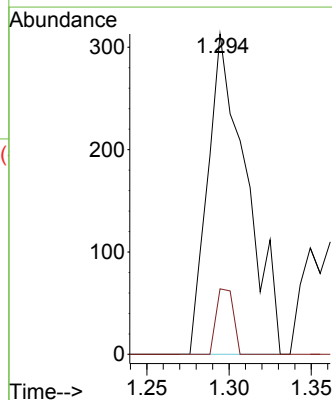
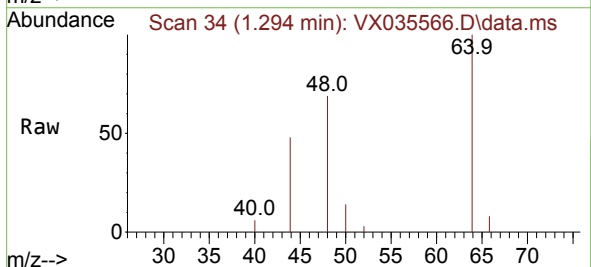
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

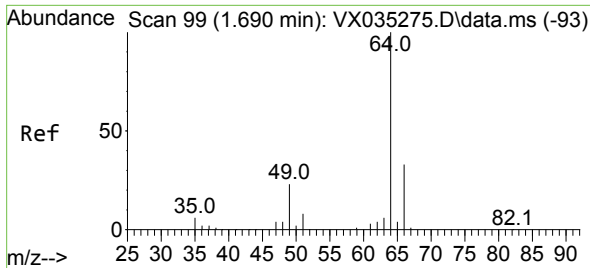
Tgt Ion:168 Resp: 238553
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 20.4 25.9 38.9#

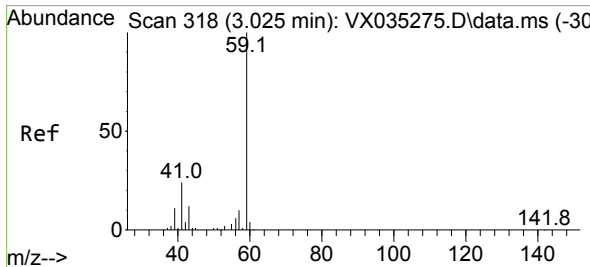
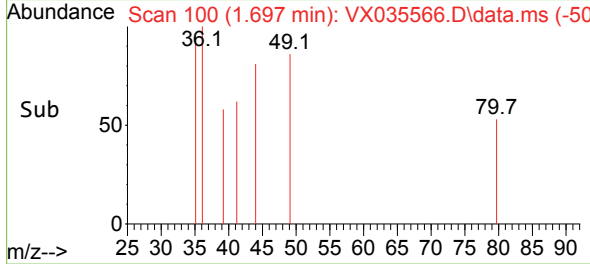
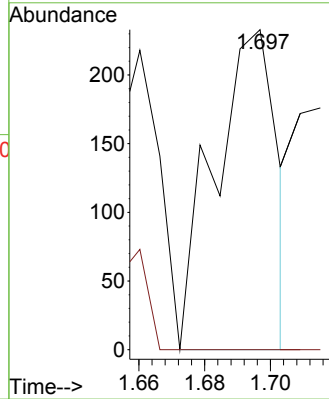
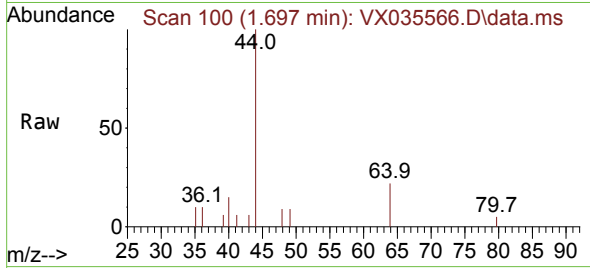




#6
Chloroethane
Concen: 0.229 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.007 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

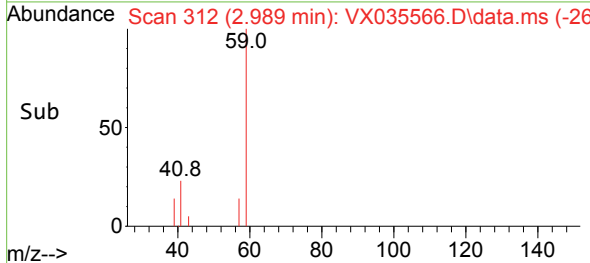
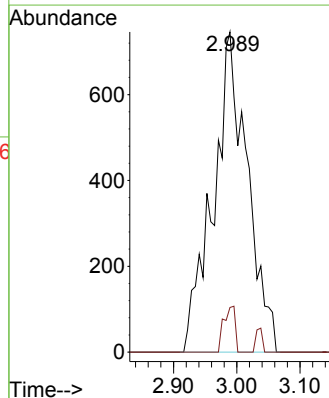
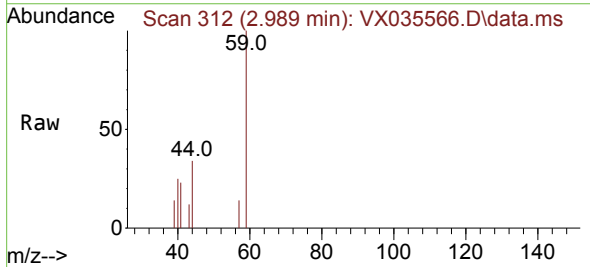
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

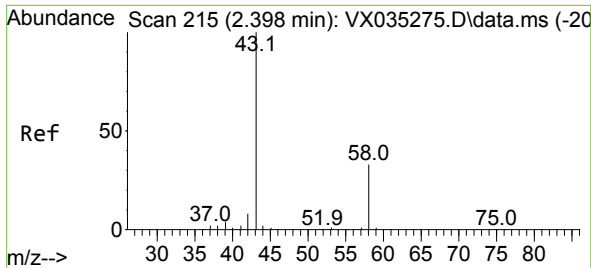
Tgt Ion: 64 Resp: 309
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.332 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.036 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 59 Resp: 2794
Ion Ratio Lower Upper
59 100
57 4.7 8.1 12.1#





#16

Acetone

Concen: 4.993 ug/l

RT: 2.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035566.D

Acq: 08 May 2023 17:34

Instrument :

MSVOA_X

ClientSampleId :

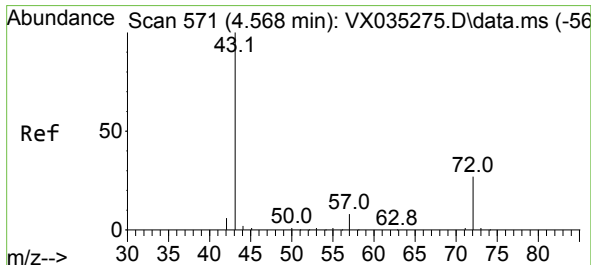
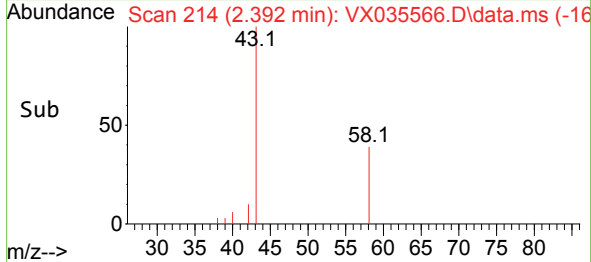
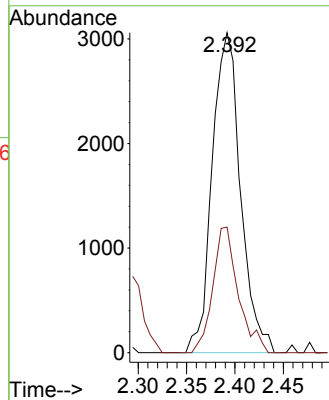
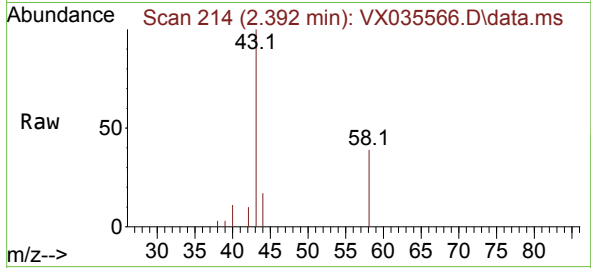
WATER-SAMPLE-API-3-6

Tgt Ion: 43 Resp: 6241

Ion Ratio Lower Upper

43 100

58 39.2 24.7 37.1#



#25

2-Butanone

Concen: 0.426 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX035566.D

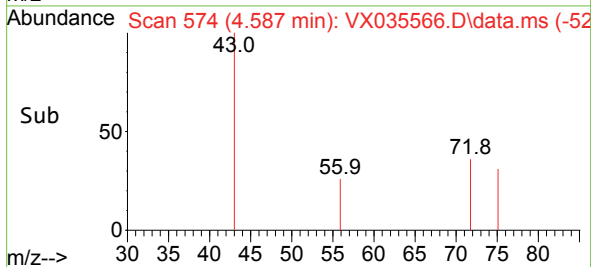
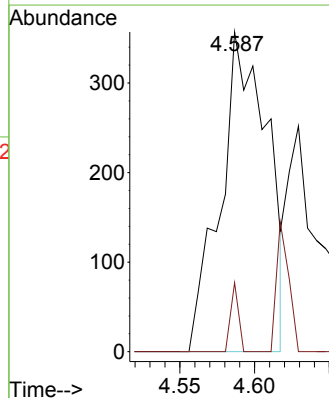
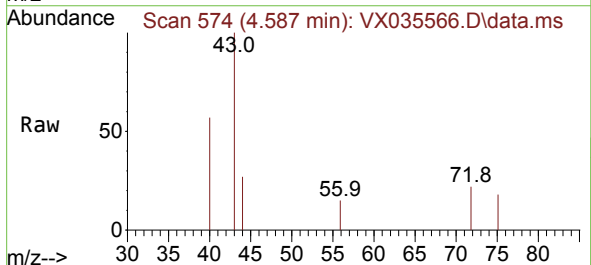
Acq: 08 May 2023 17:34

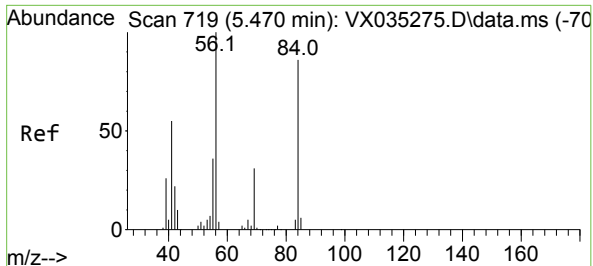
Tgt Ion: 43 Resp: 777

Ion Ratio Lower Upper

43 100

72 21.6 19.3 28.9

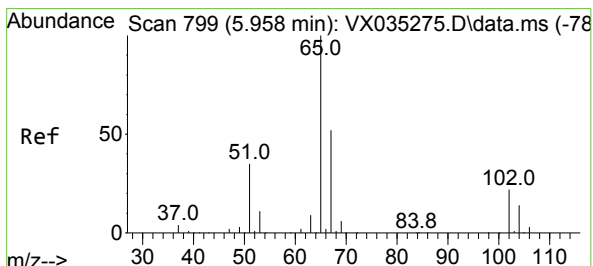
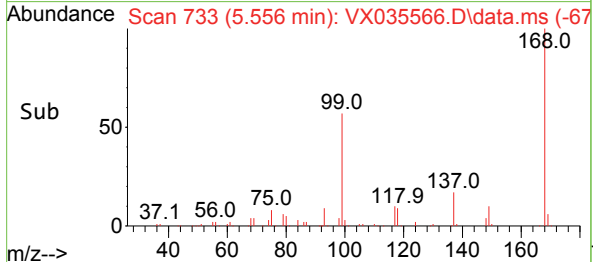
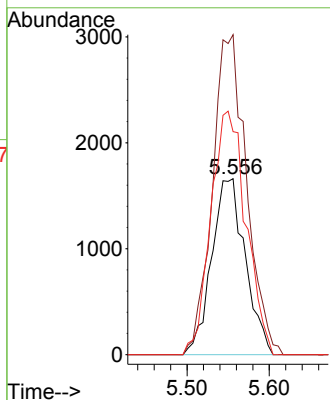
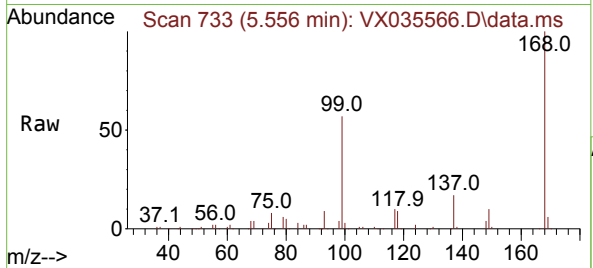




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

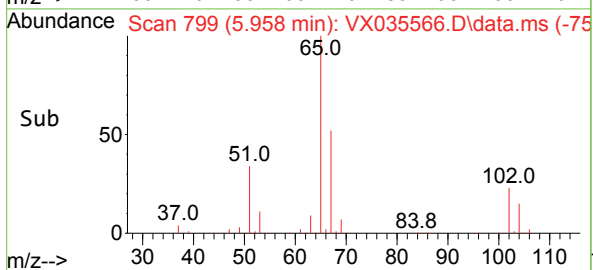
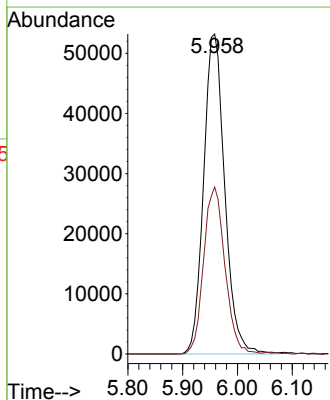
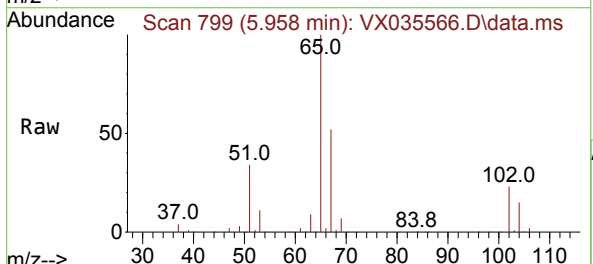
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

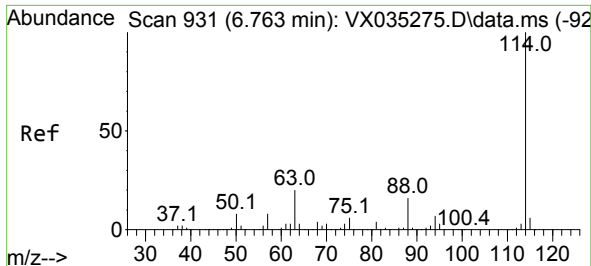
Tgt Ion: 56 Resp: 4712
Ion Ratio Lower Upper
56 100
69 181.8 23.7 35.5#
84 126.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.411 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 65 Resp: 142204
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

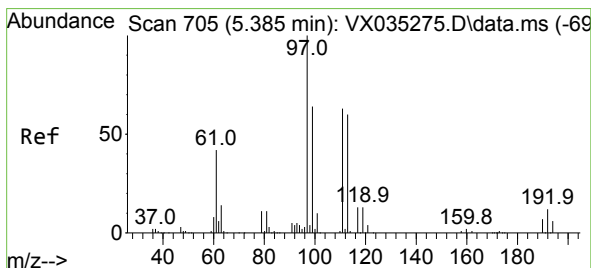
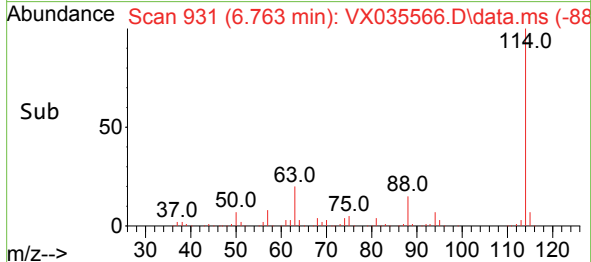
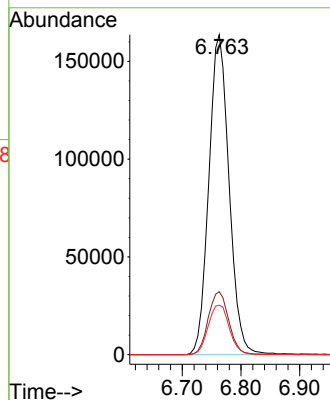
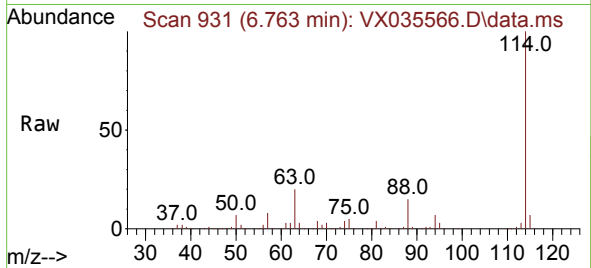




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

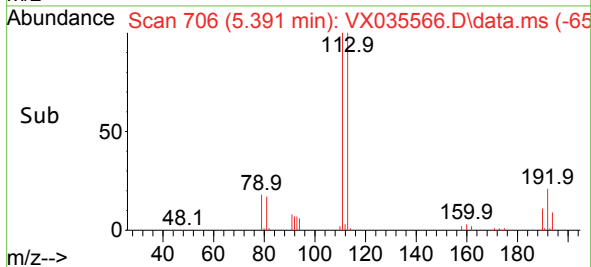
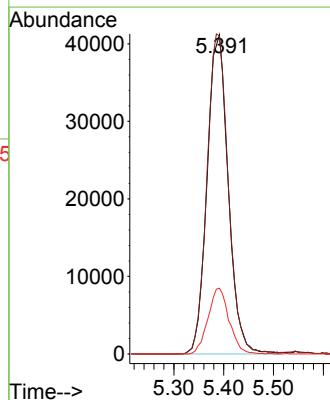
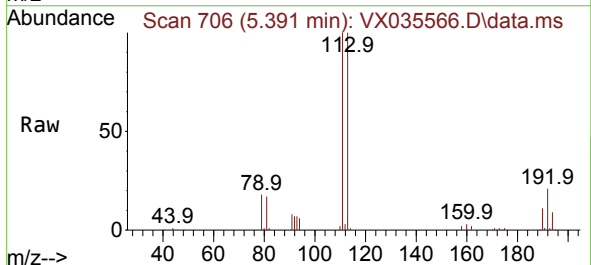
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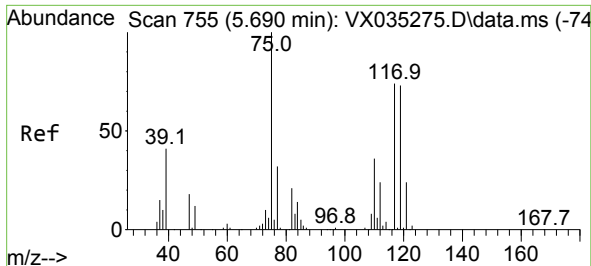
Tgt Ion:114 Resp: 391699
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion:113 Resp: 121402
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 20.5 15.4 23.2

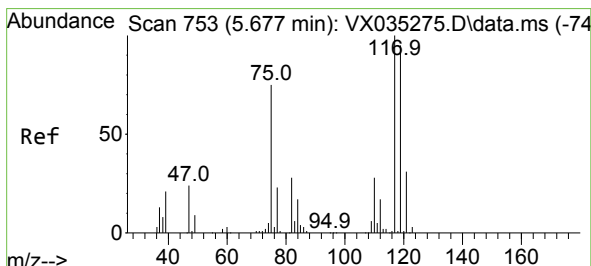
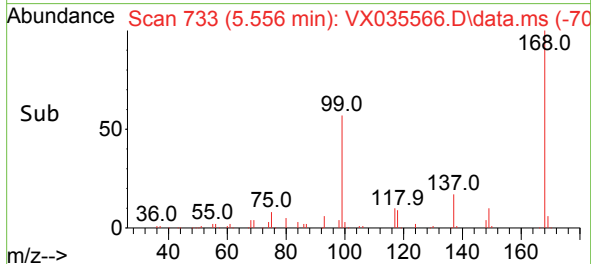
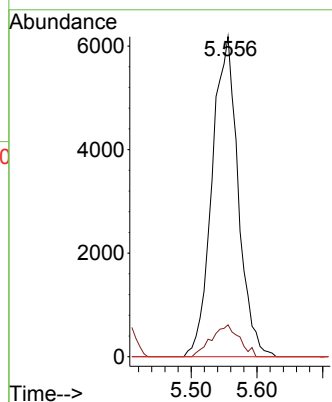
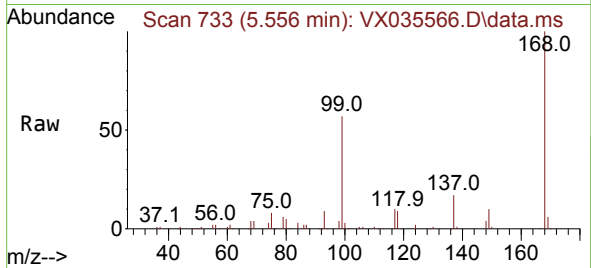




#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

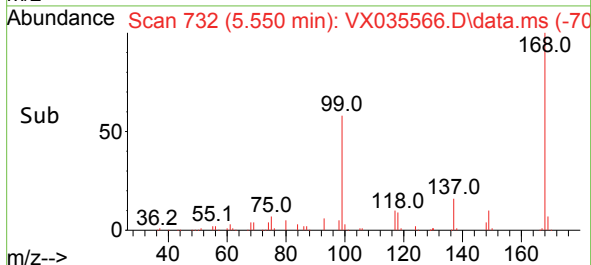
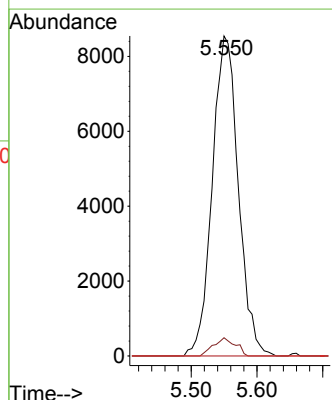
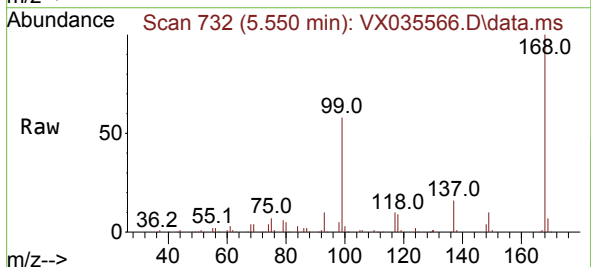
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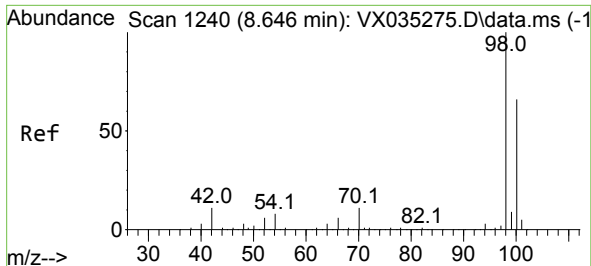
Tgt Ion: 75 Resp: 17061
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 117 Resp: 23568
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#

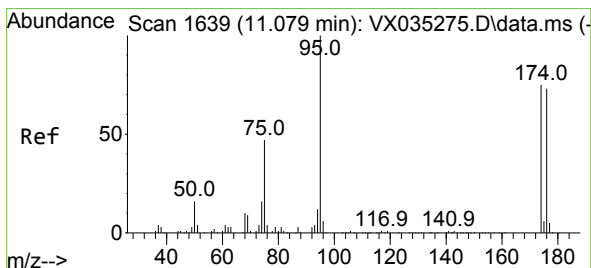
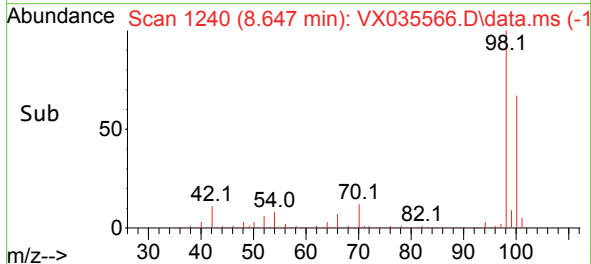
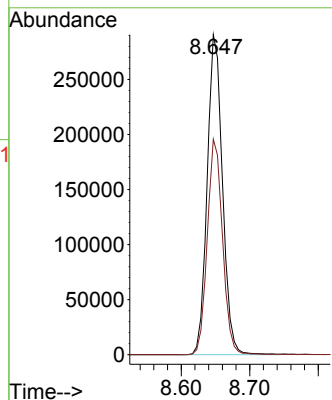
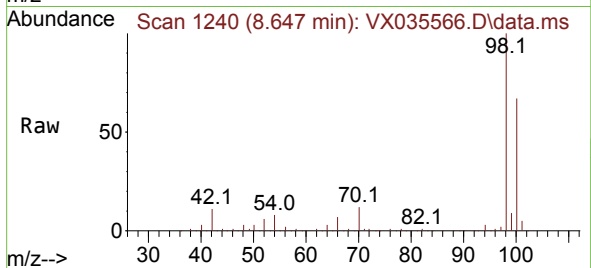




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

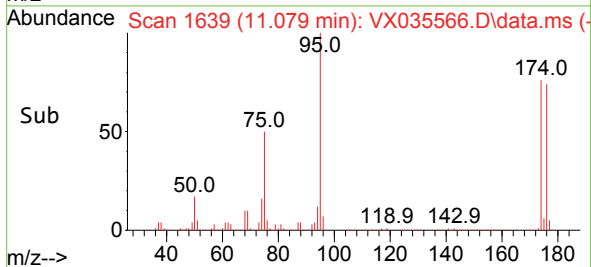
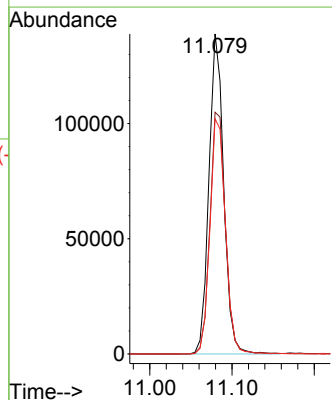
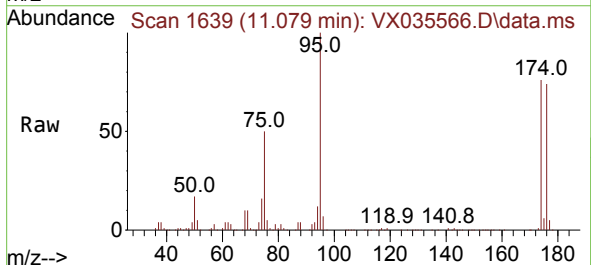
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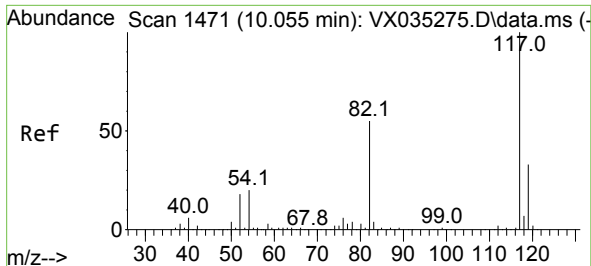
Tgt Ion: 98 Resp: 451498
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 95 Resp: 173198
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 77.2 0.0 140.6

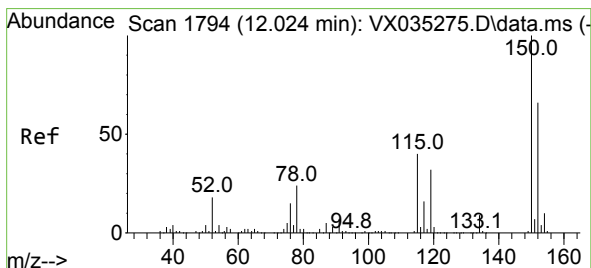
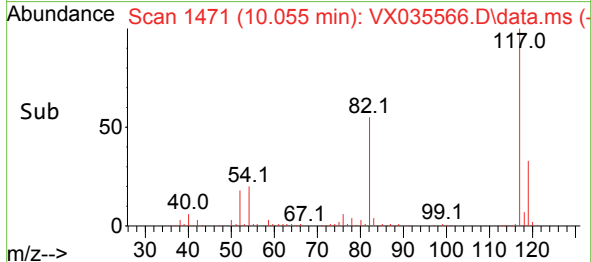
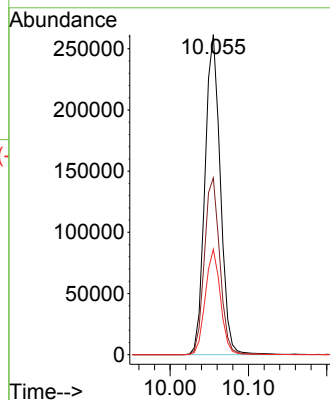
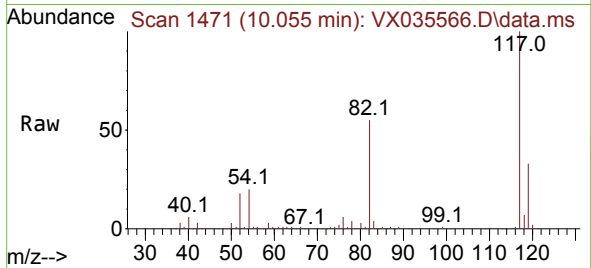




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

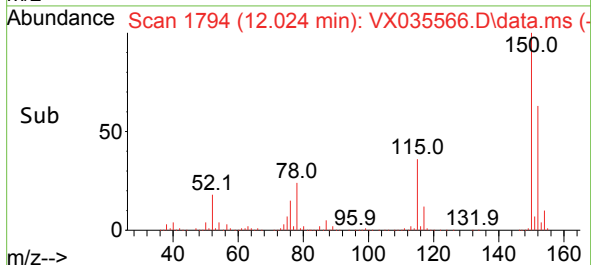
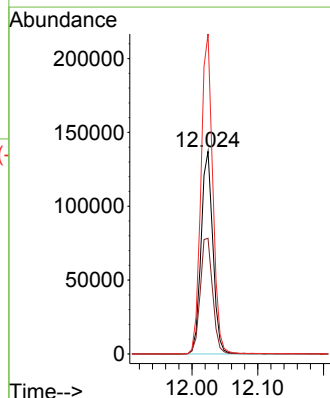
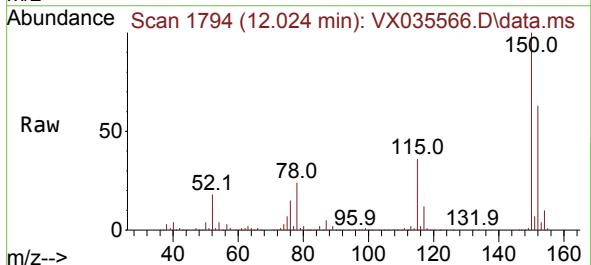
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

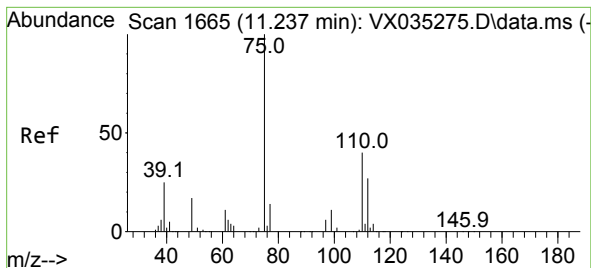
Tgt Ion:117 Resp: 356102
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion:152 Resp: 171450
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 157.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.215 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035566.D

Acq: 08 May 2023 17:34

Instrument :

MSVOA_X

ClientSampleId :

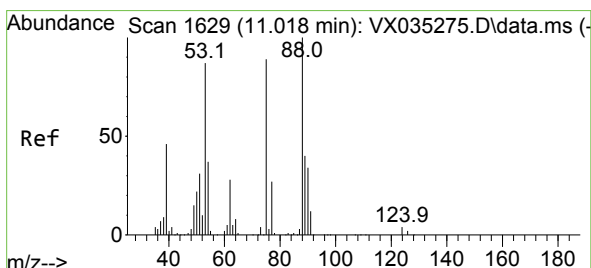
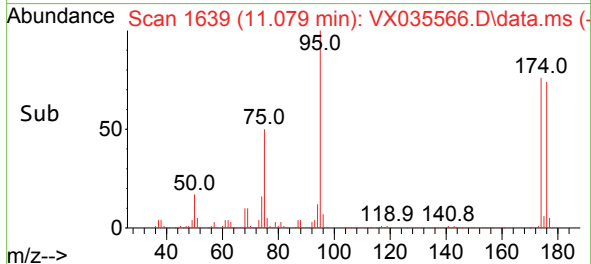
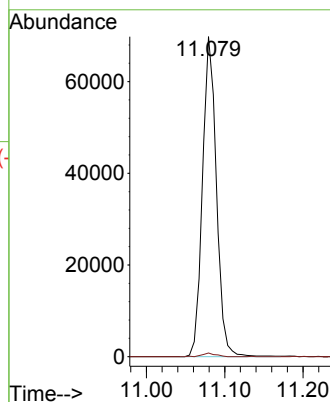
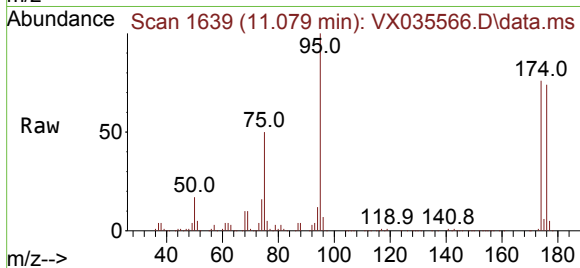
WATER-SAMPLE-API-3-6

Tgt Ion: 75 Resp: 86236

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.666 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035566.D

Acq: 08 May 2023 17:34

Tgt Ion: 75 Resp: 86236

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

