

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035637.D
 Acq On : 12 May 2023 14:54
 Operator : JC/MD
 Sample : 02777-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 15 01:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

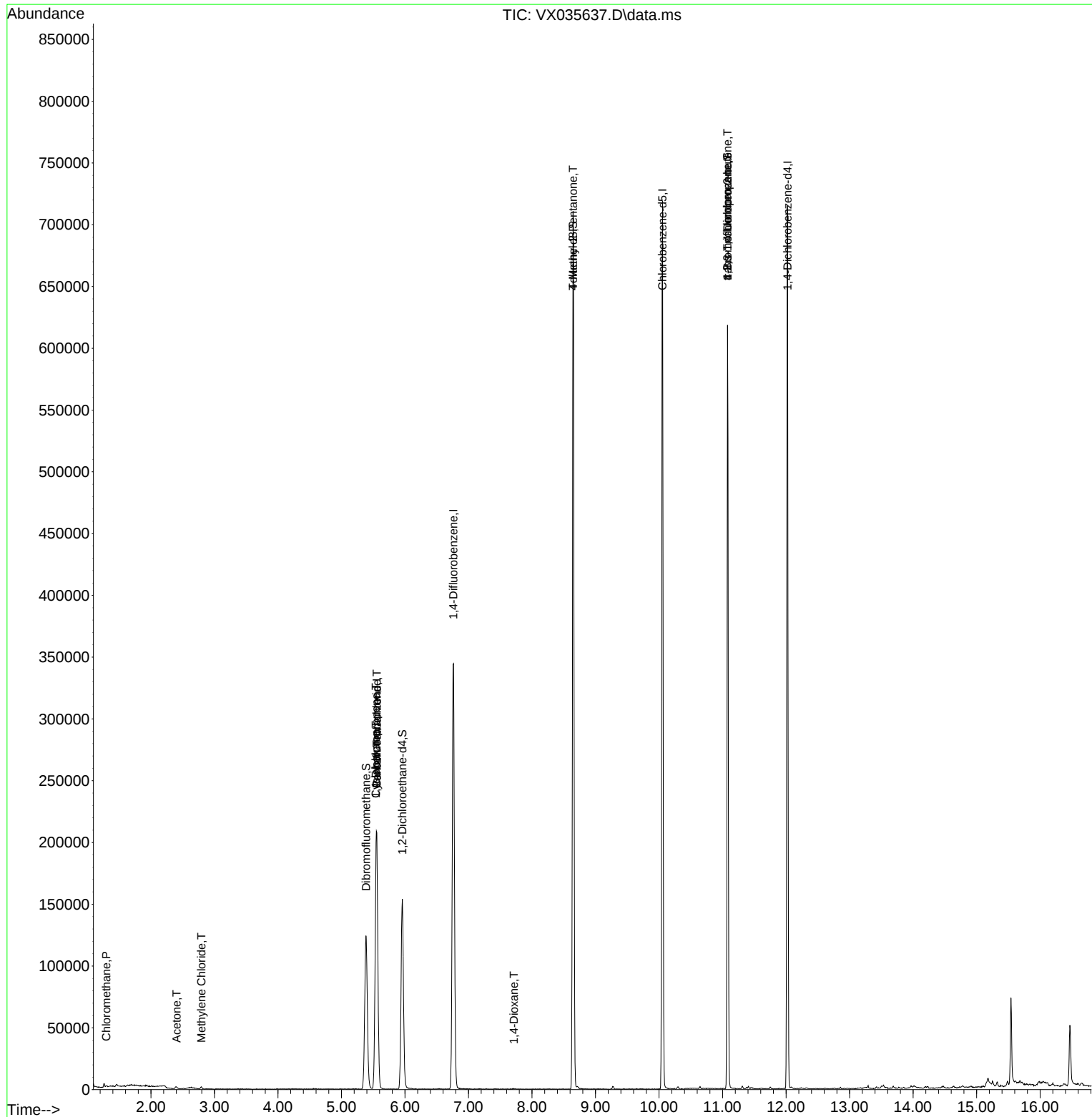
Internal Standards						
1) Pentafluorobenzene	5.556	168	183009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152775	47.852	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.700%
35) Dibromofluoromethane	5.385	113	108025	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	401144	48.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.079	95	164286	49.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	885	0.306	ug/l #	88
16) Acetone	2.404	43	2442	1.780	ug/l #	85
20) Methylene Chloride	2.794	84	861	0.346	ug/l	86
31) Cyclohexane	5.544	56	4747	1.177	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	16400	4.622	ug/l #	52
38) Carbon Tetrachloride	5.556	117	20966	6.237	ug/l #	15
49) 1,4-Dioxane	7.714	88	271	5.835	ug/l #	42
51) 4-Methyl-2-Pentanone	8.647	43	2106	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	90792	26.973	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90792	86.930	ug/l #	8

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

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STORAGE-BLANK-WATER-REF-5

Quant Time: May 15 01:56:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

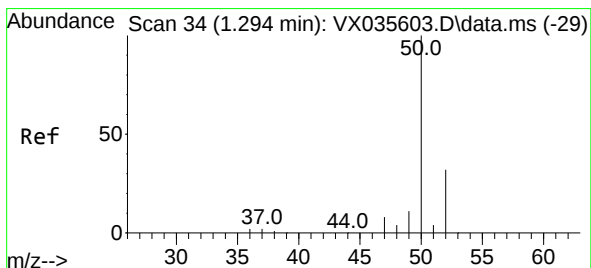
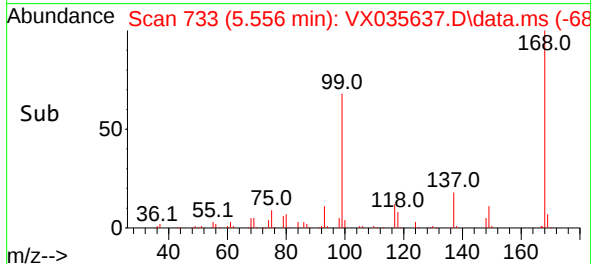
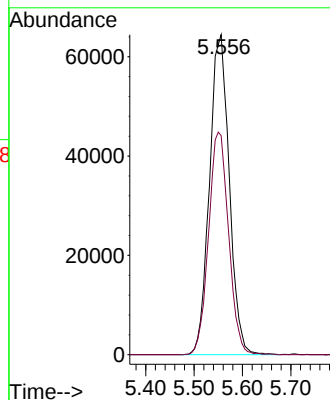
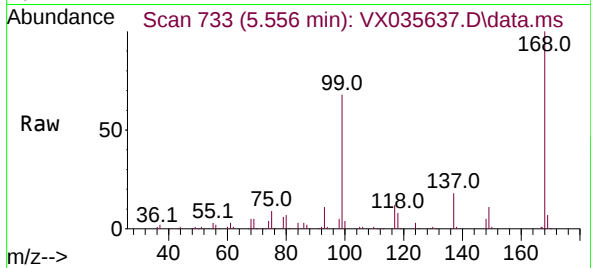




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

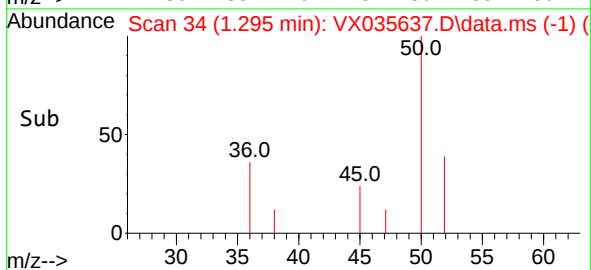
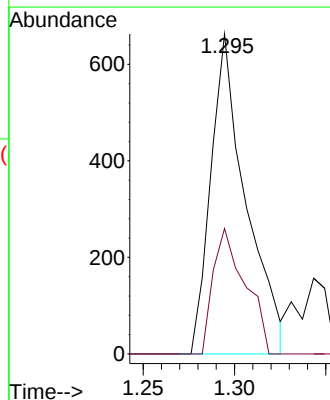
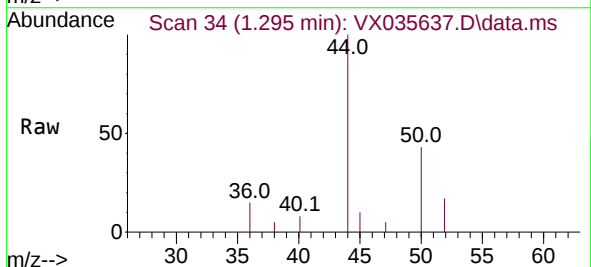
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

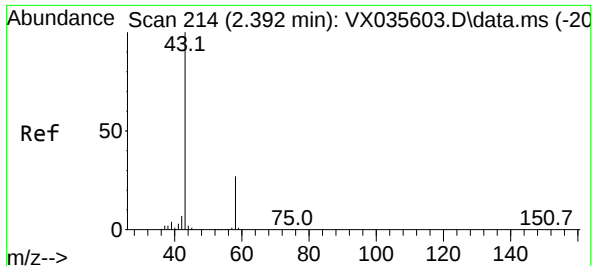
Tgt Ion:168 Resp: 183009
Ion Ratio Lower Upper
168 100
99 68.4 45.7 68.5



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion: 50 Resp: 885
Ion Ratio Lower Upper
50 100
52 39.2 25.9 38.9#

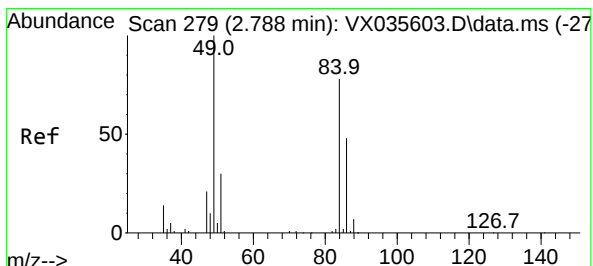
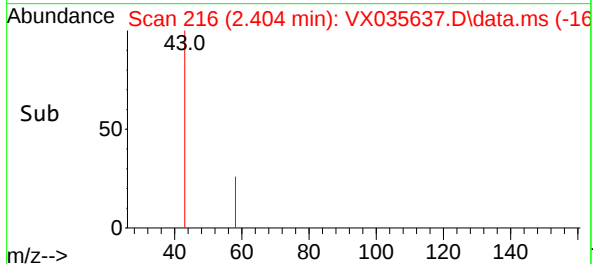
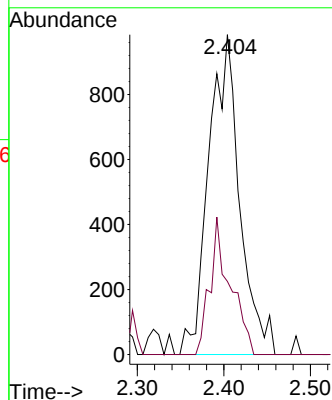
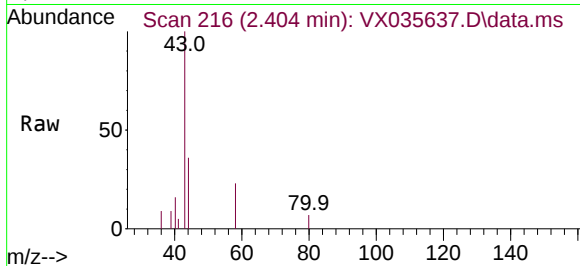




#16
Acetone
Concen: 1.780 ug/l
RT: 2.404 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

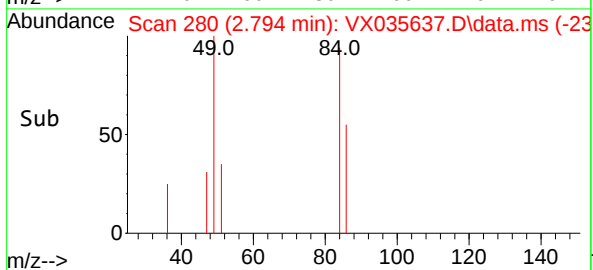
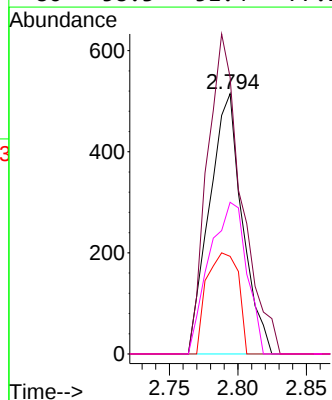
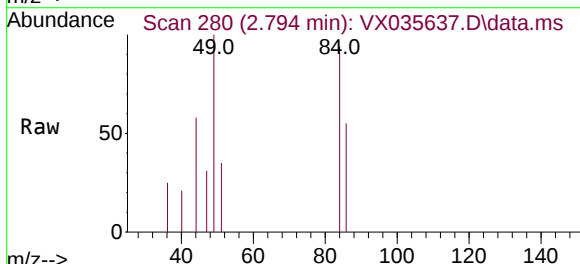
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

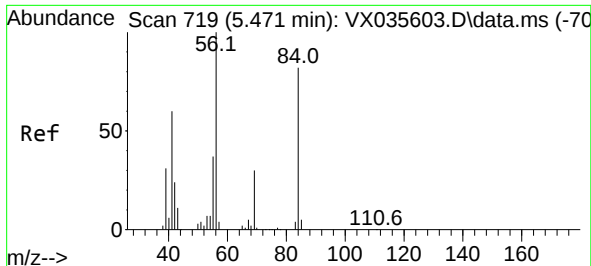
Tgt Ion: 43 Resp: 2442
Ion Ratio Lower Upper
43 100
58 22.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion: 84 Resp: 861
Ion Ratio Lower Upper
84 100
49 106.2 103.8 155.8
51 37.5 31.8 47.8
86 58.3 51.4 77.2

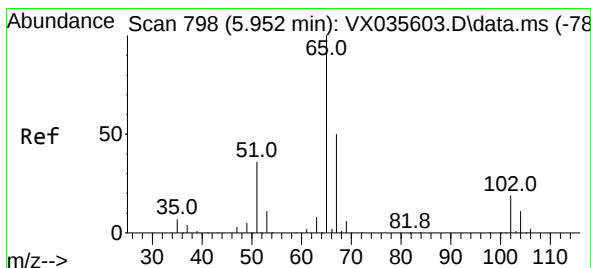
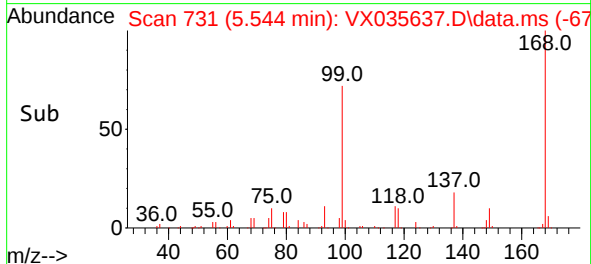
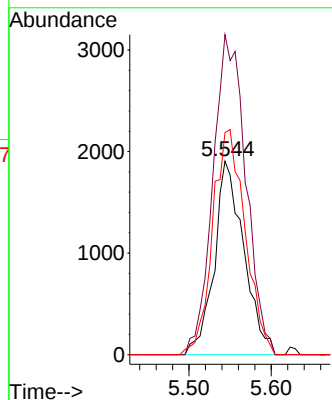
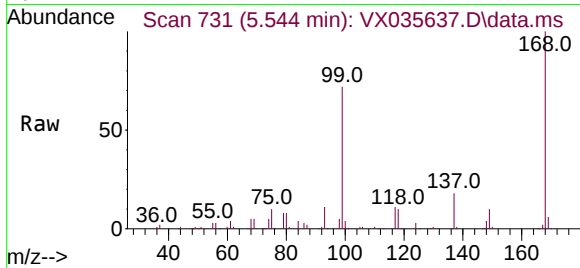




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

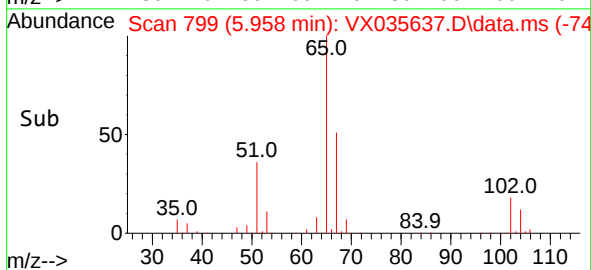
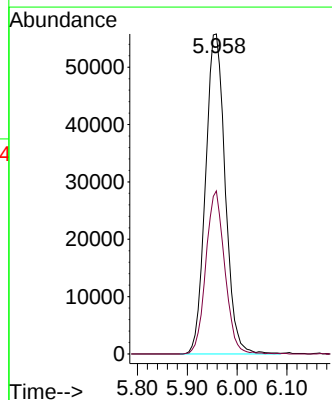
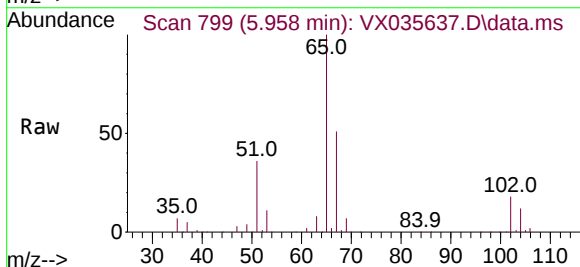
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

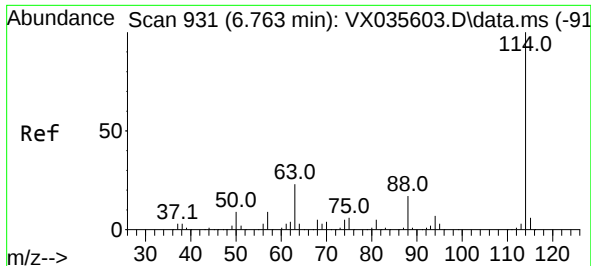
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 165.4 23.7 35.5#
84 114.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.852 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion: 65 Resp: 152775
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.0

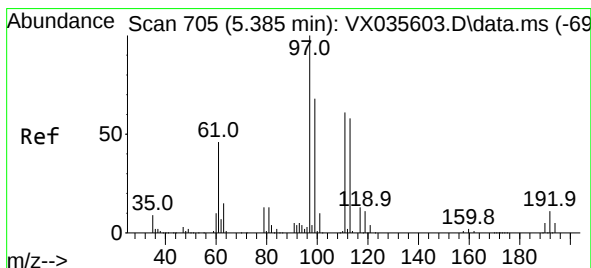
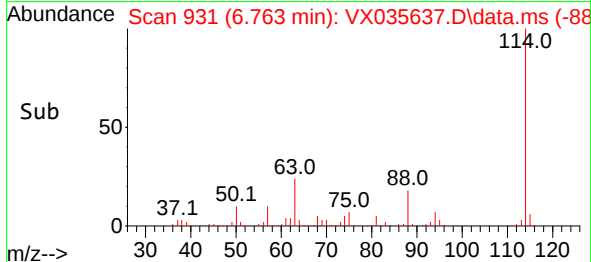
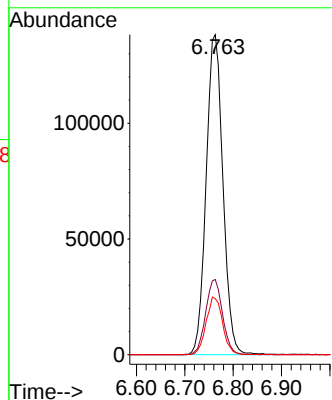
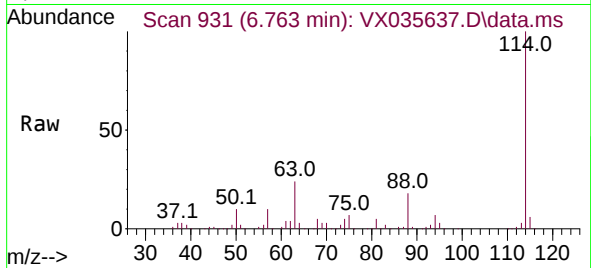




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

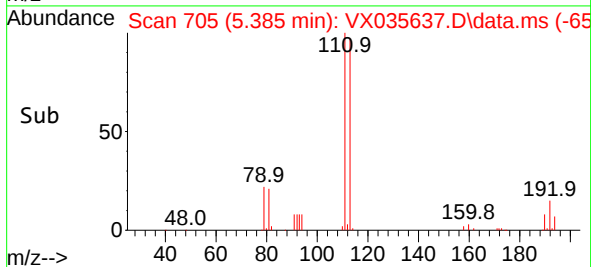
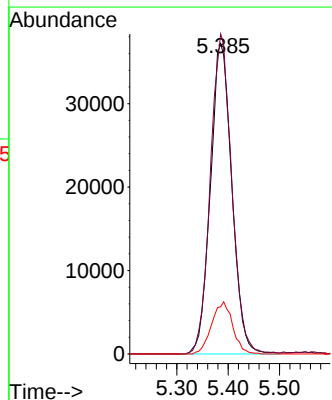
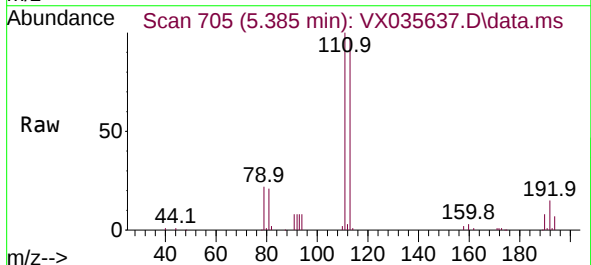
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

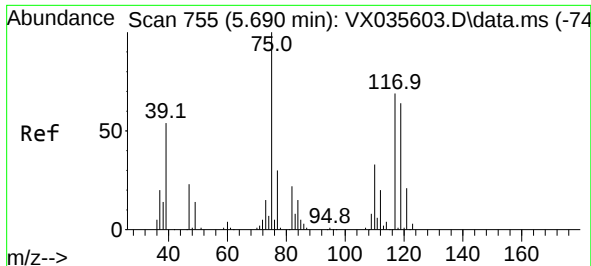
Tgt Ion:114 Resp: 333335
Ion Ratio Lower Upper
114 100
63 23.5 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion:113 Resp: 108025
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 16.4 15.4 23.2

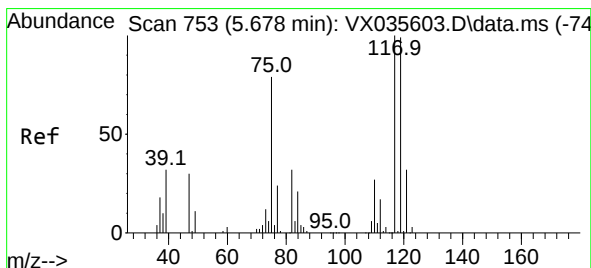
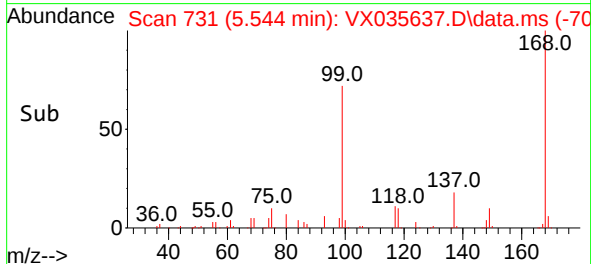
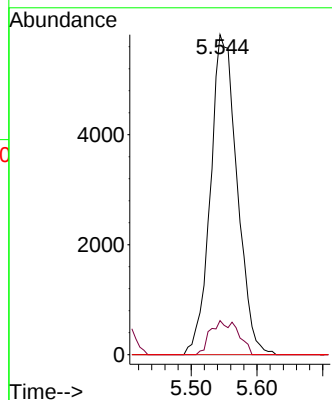
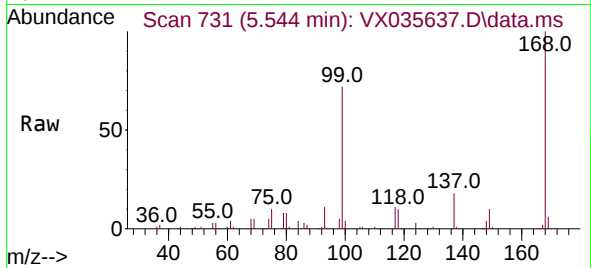




#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

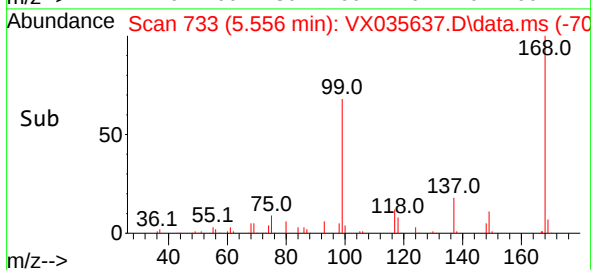
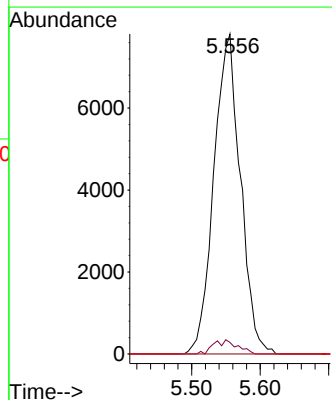
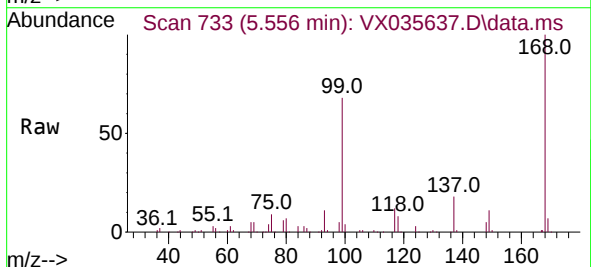
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

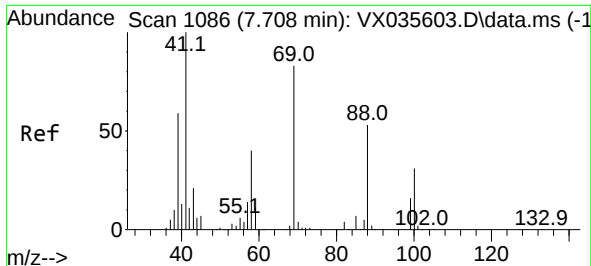
Tgt Ion: 75 Resp: 16400
Ion Ratio Lower Upper
75 100
110 11.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion: 117 Resp: 20966
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 5.835 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035637.D

Acq: 12 May 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

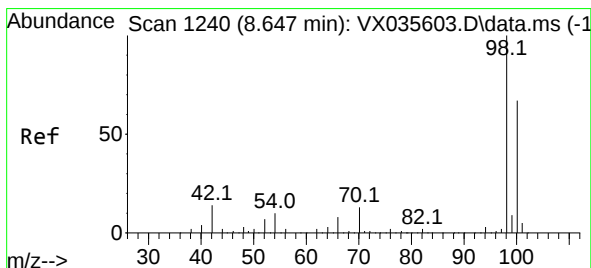
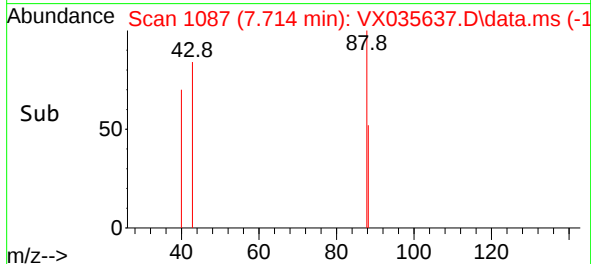
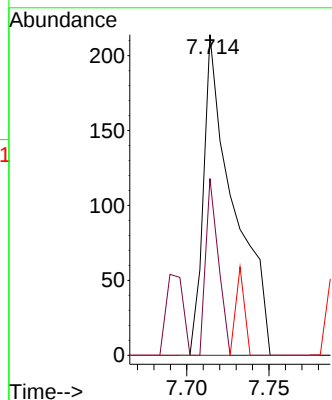
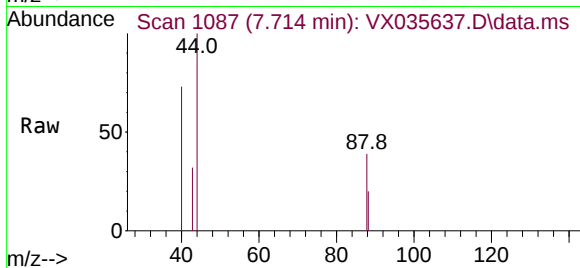
Tgt Ion: 88 Resp: 271

Ion Ratio Lower Upper

88 100

43 23.2 27.7 41.5#

58 8.1 56.8 85.2#



#50

Toluene-d8

Concen: 48.303 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035637.D

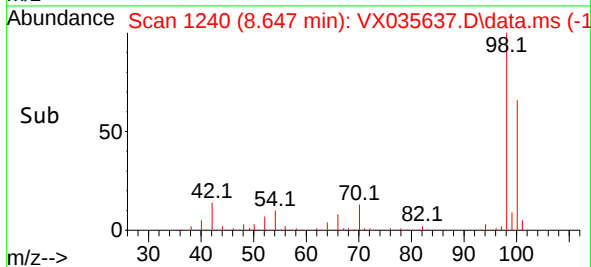
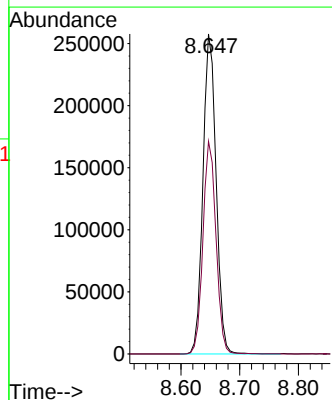
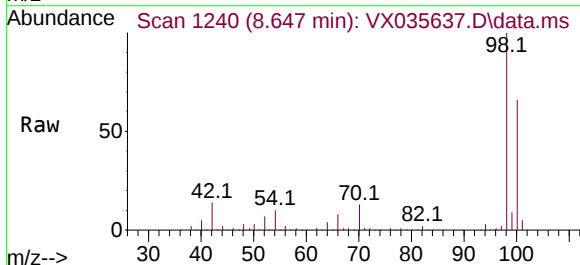
Acq: 12 May 2023 14:54

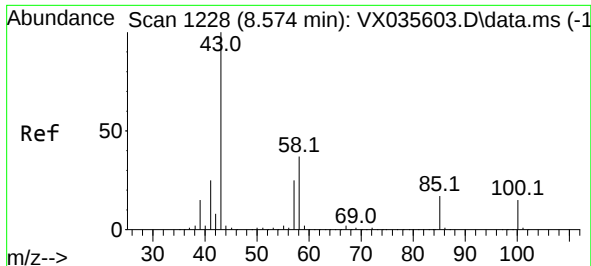
Tgt Ion: 98 Resp: 401144

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.566 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX035637.D

Acq: 12 May 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

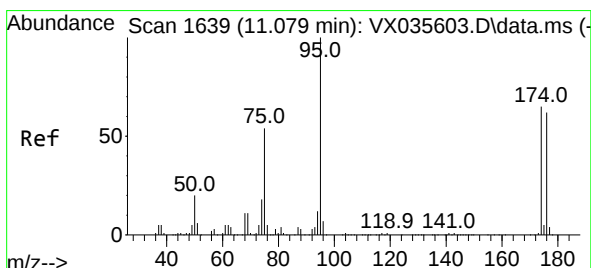
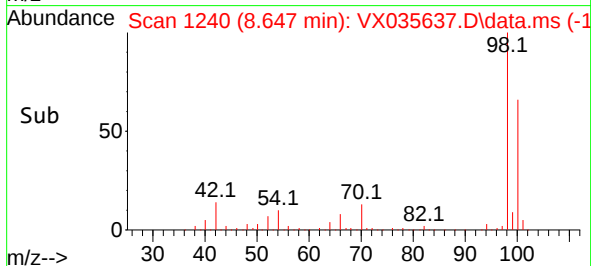
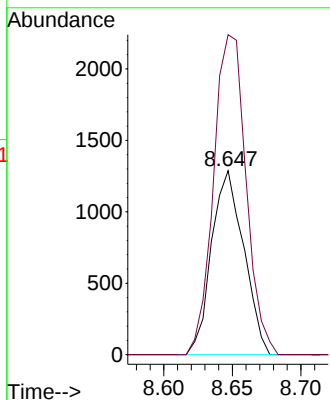
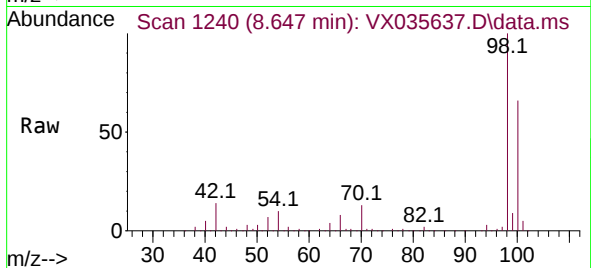
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

58 175.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.131 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035637.D

Acq: 12 May 2023 14:54

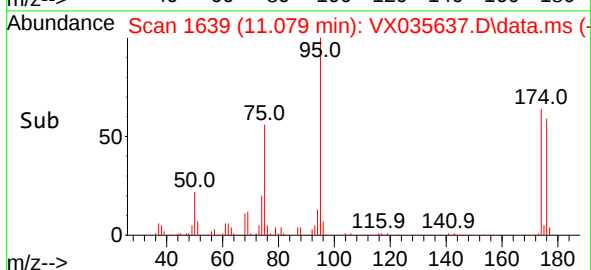
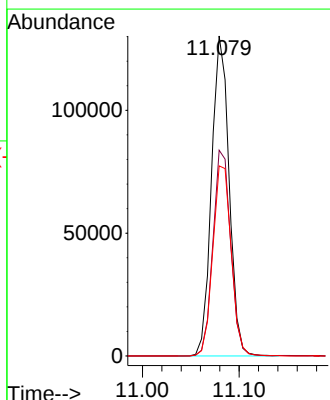
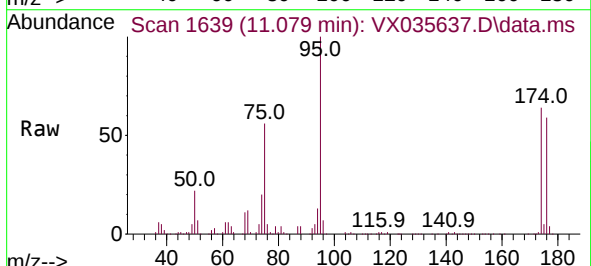
Tgt Ion: 95 Resp: 164286

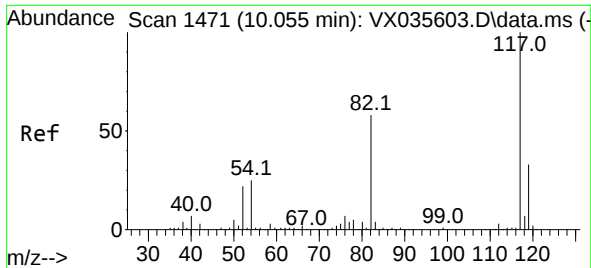
Ion Ratio Lower Upper

95 100

174 64.9 0.0 147.4

176 62.4 0.0 140.6

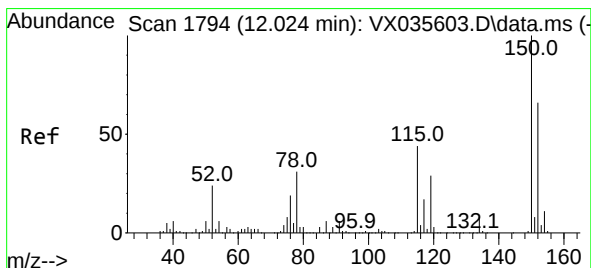
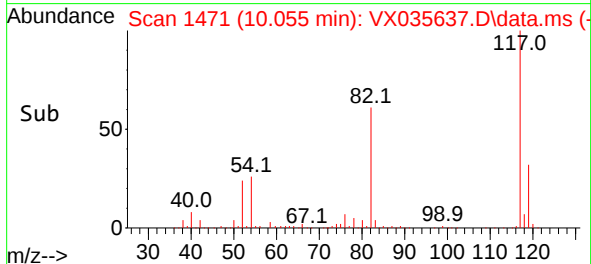
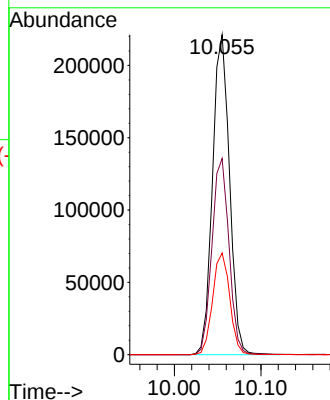
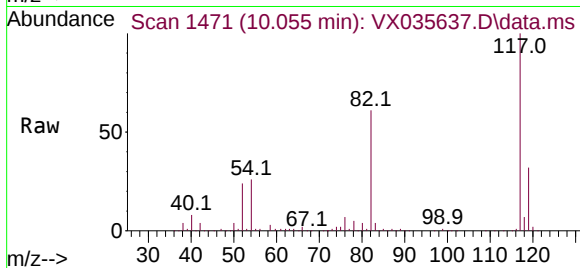




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

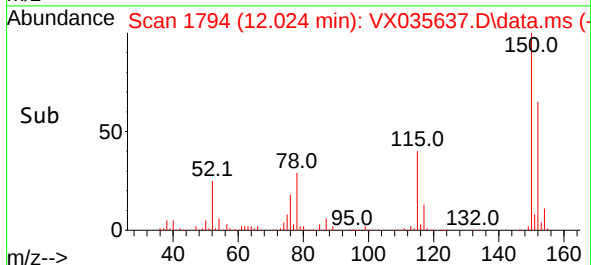
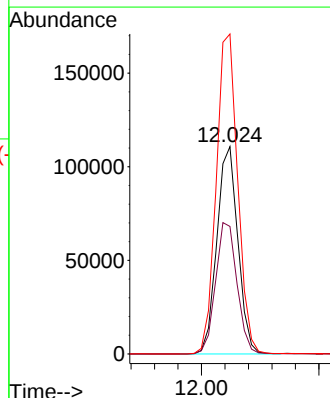
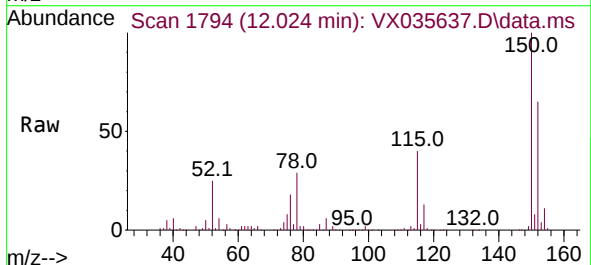
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

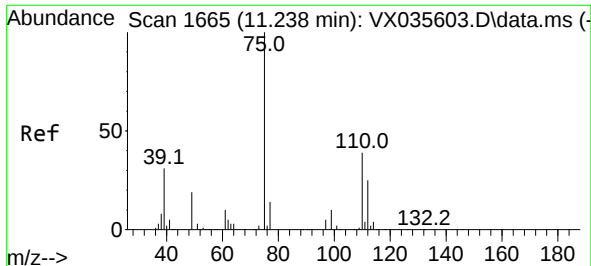
Tgt Ion:117 Resp: 301698
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion:152 Resp: 137612
Ion Ratio Lower Upper
152 100
115 64.7 45.0 135.0
150 157.8 0.0 352.4

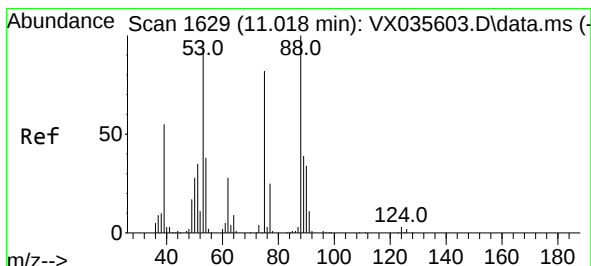
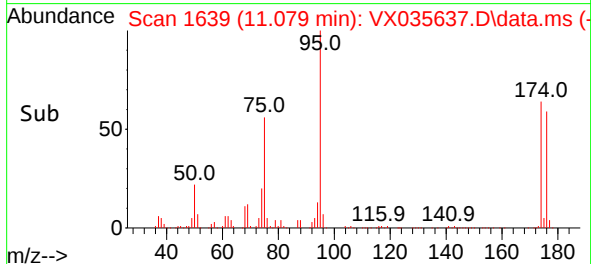
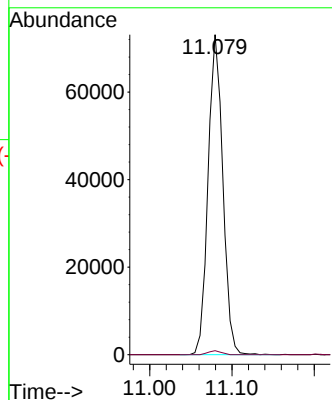
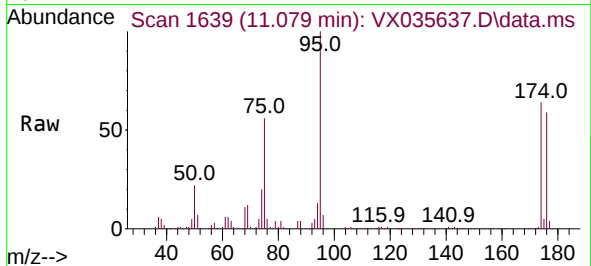




#76
1,2,3-Trichloropropane
Concen: 26.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

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

Tgt Ion: 75 Resp: 90792
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035637.D
Acq: 12 May 2023 14:54

Tgt Ion: 75 Resp: 90792
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

