

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035513.D
 Acq On : 03 May 2023 16:34
 Operator : JC/MD
 Sample : 02561-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: May 04 03:59:58 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

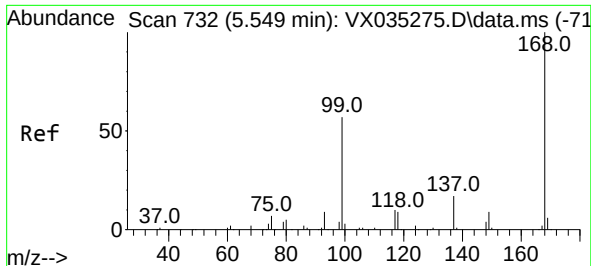
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	210193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123024	48.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.020%
35) Dibromofluoromethane	5.385	113	102879	50.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.647	98	394953	50.900	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.800%
62) 4-Bromofluorobenzene	11.079	95	152710	52.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	496	0.245	ug/l #	75
16) Acetone	2.398	43	1020	0.926	ug/l #	88
20) Methylene Chloride	2.788	84	671	0.266	ug/l #	75
31) Cyclohexane	5.550	56	3709	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14926	4.647	ug/l #	51
38) Carbon Tetrachloride	5.556	117	20188	6.621	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1702	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75990	26.150	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	75990	84.696	ug/l #	8

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

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QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

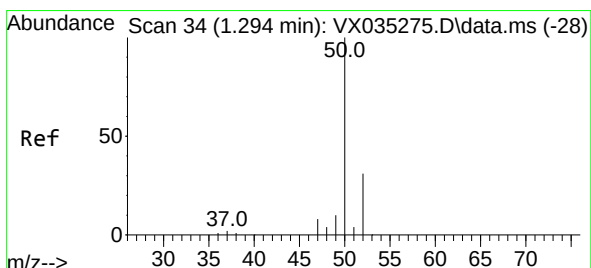
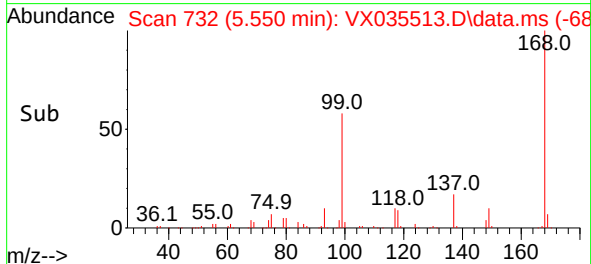
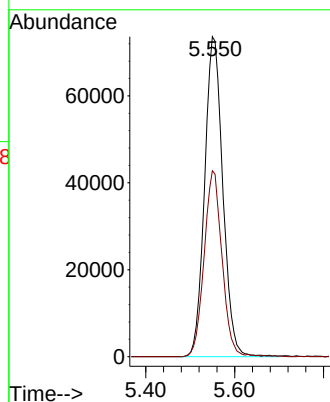
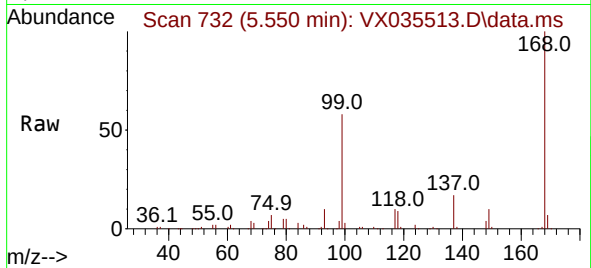




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

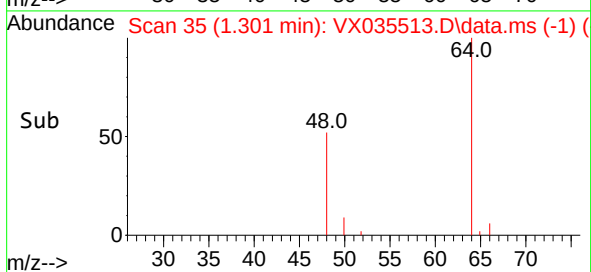
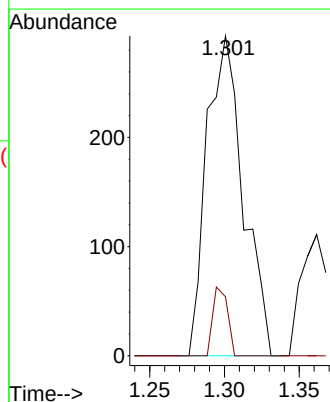
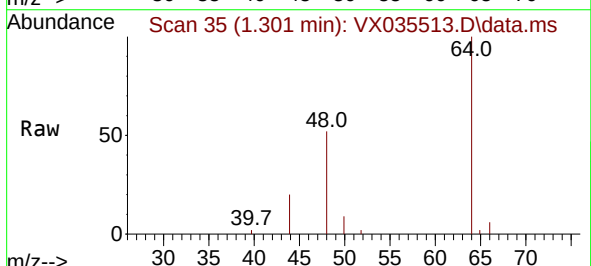
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

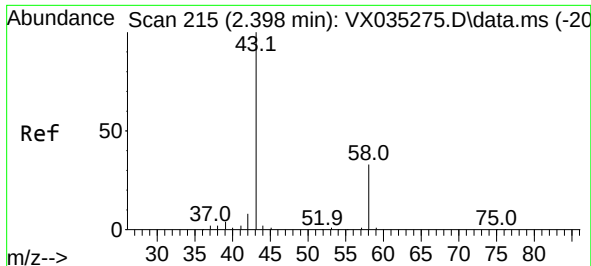
Tgt Ion:168 Resp: 210193
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 18.4 25.9 38.9#

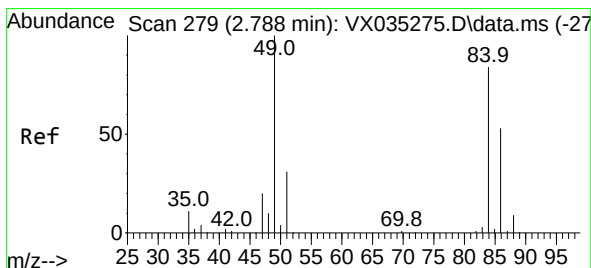
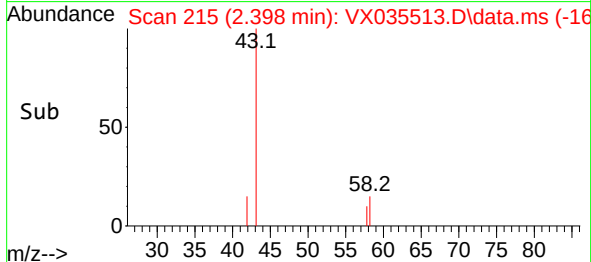
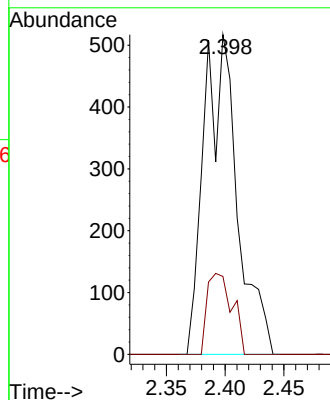
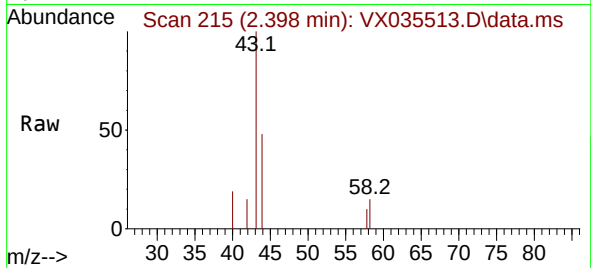




#16
Acetone
Concen: 0.926 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

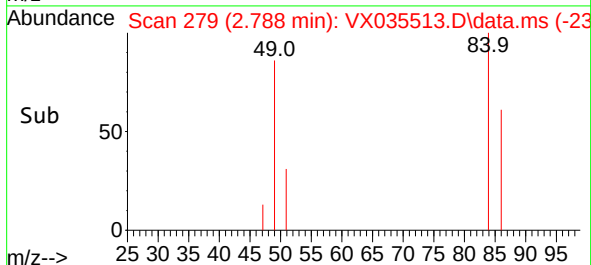
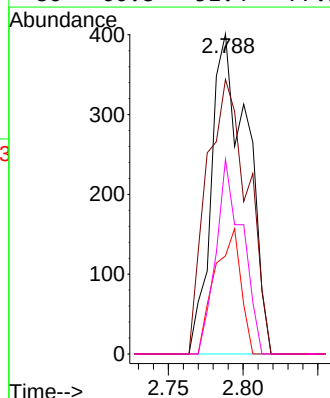
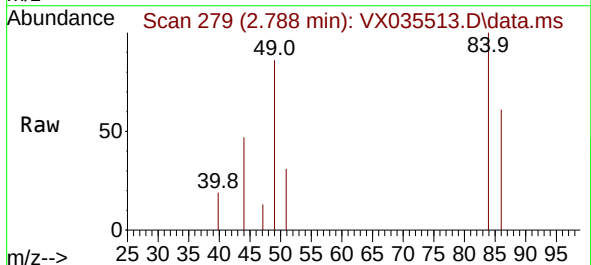
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

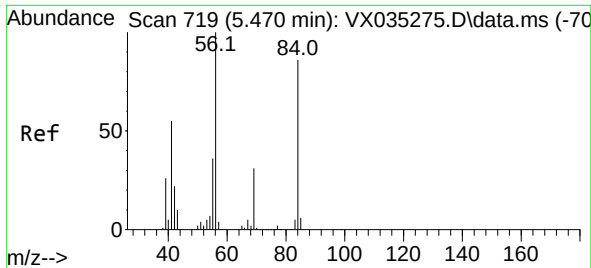
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
58 24.4 24.7 37.1#



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
49 85.8 103.8 155.8#
51 30.7 31.8 47.8#
86 60.8 51.4 77.2

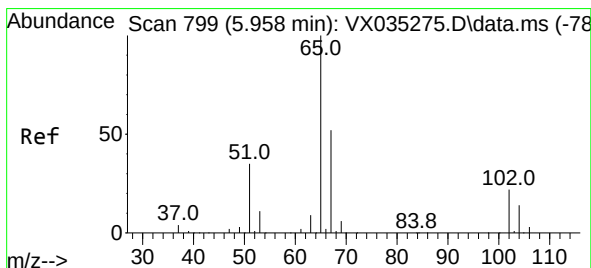
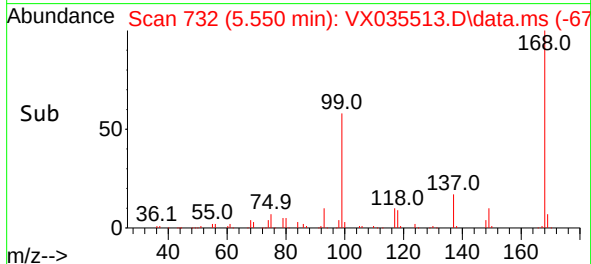
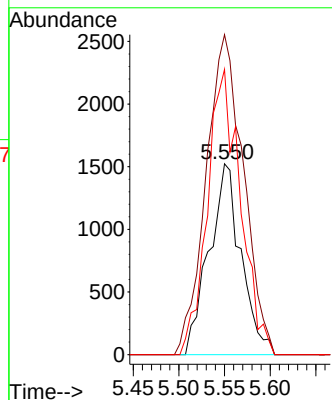
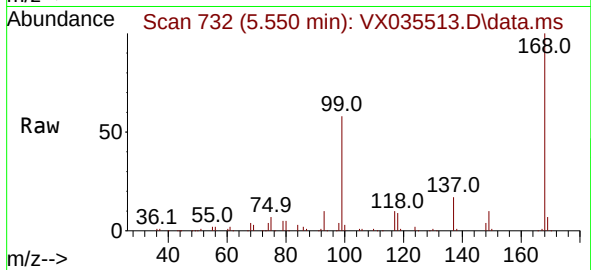




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

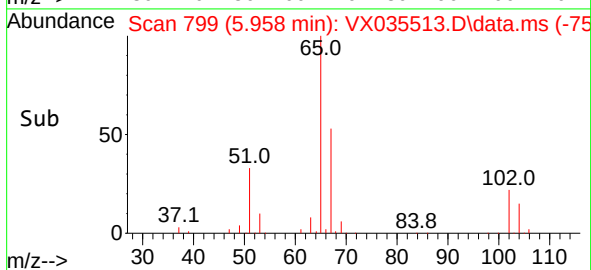
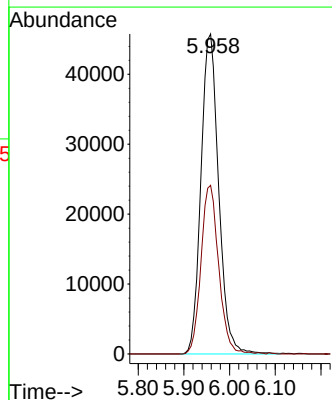
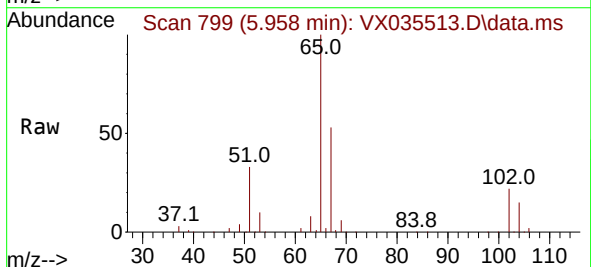
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

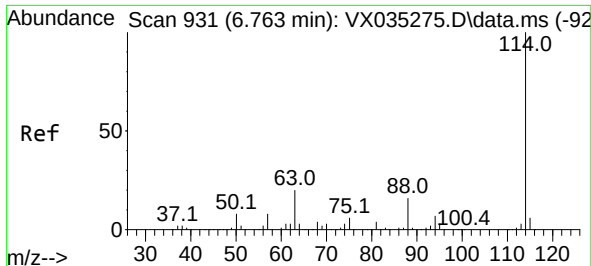
Tgt Ion: 56 Resp: 3709
Ion Ratio Lower Upper
56 100
69 167.7 23.7 35.5#
84 149.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.514 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion: 65 Resp: 123024
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

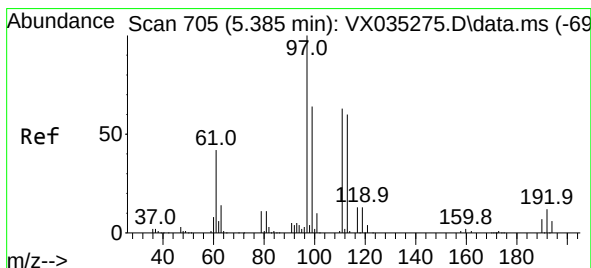
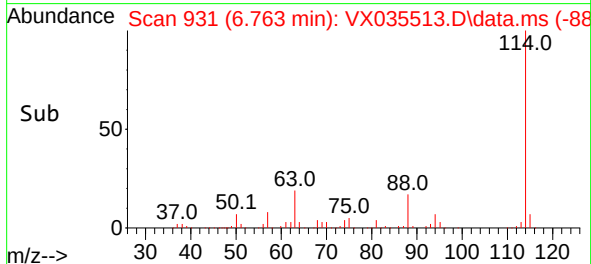
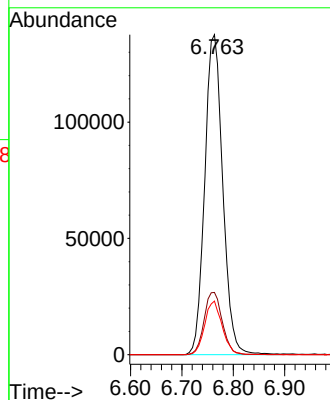
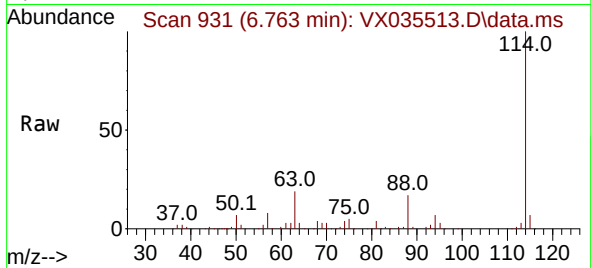




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

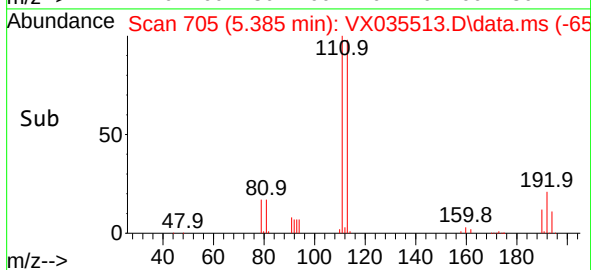
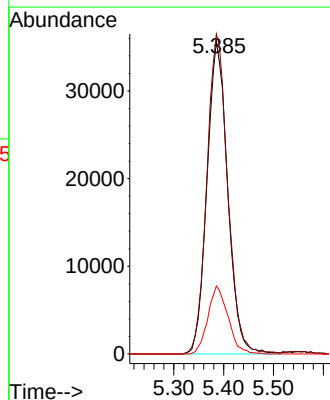
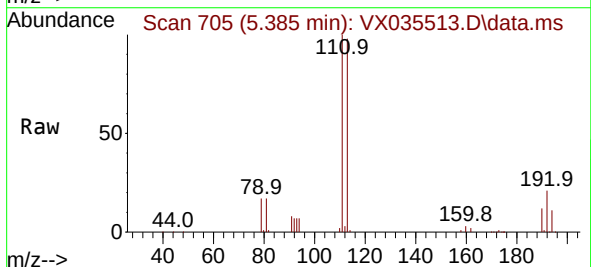
Instrument :
MSVOA_X
ClientSampleId :
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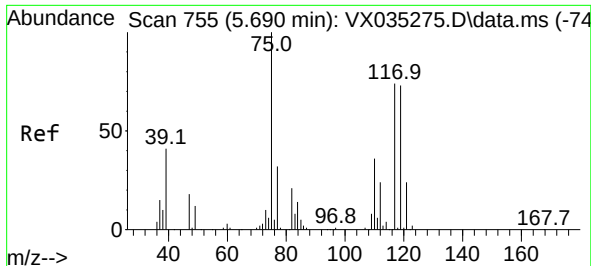
Tgt Ion:114 Resp: 335129
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.016 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion:113 Resp: 102879
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 21.1 15.4 23.2

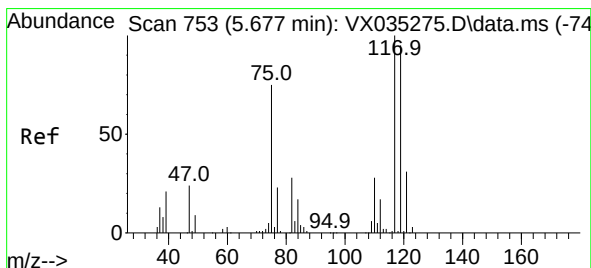
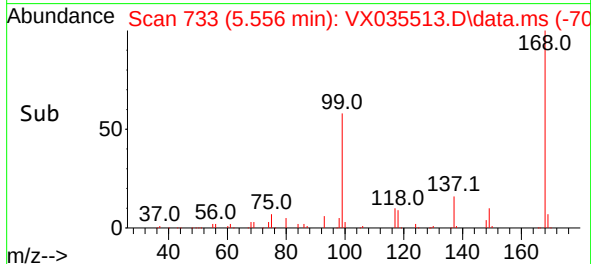
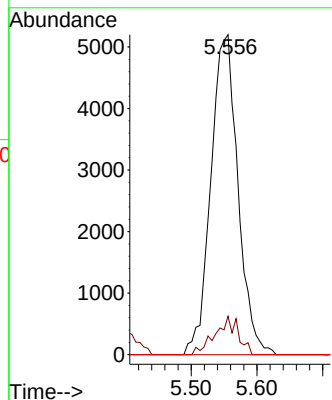
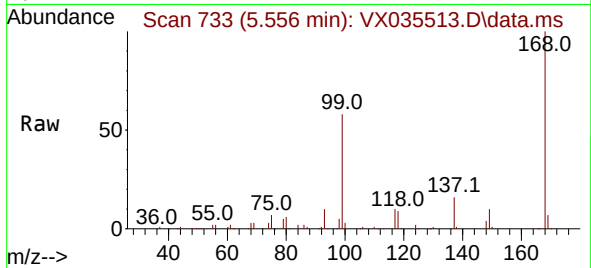




#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

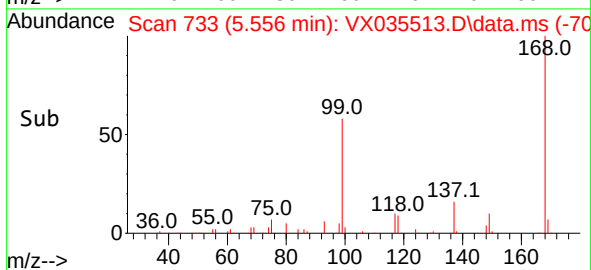
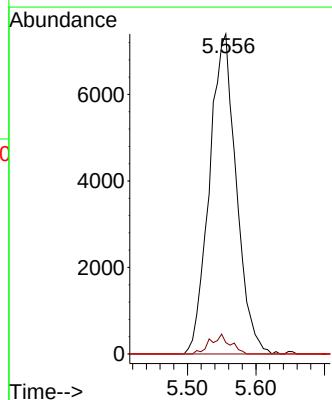
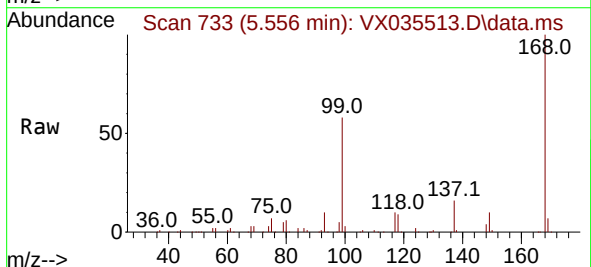
Instrument :
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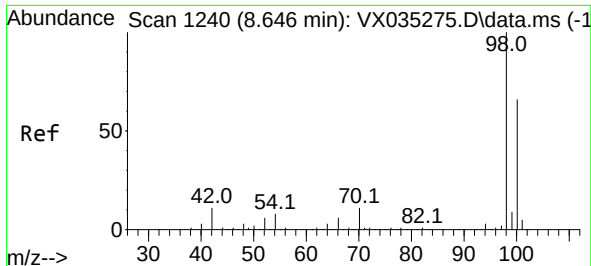
Tgt Ion: 75 Resp: 14926
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion: 117 Resp: 20188
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 50.900 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035513.D

Acq: 03 May 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

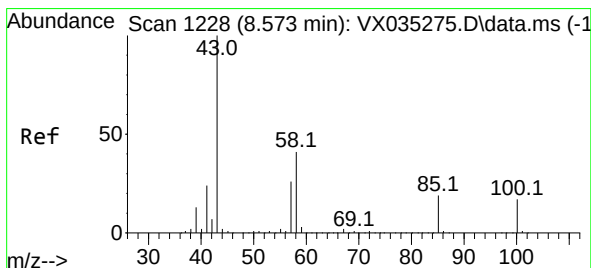
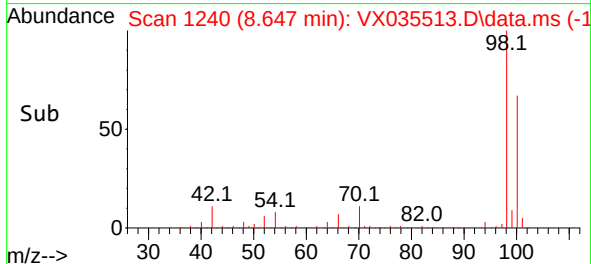
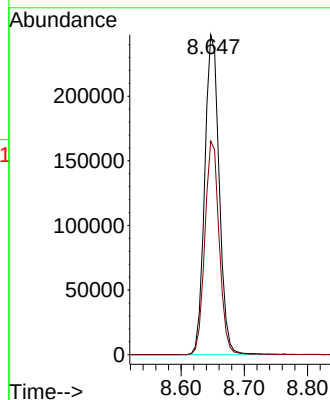
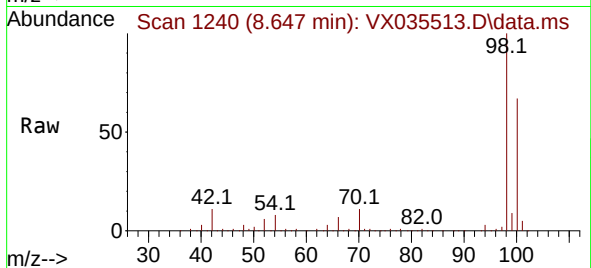
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 394953

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.562 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035513.D

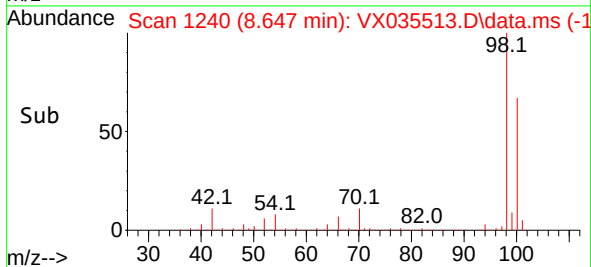
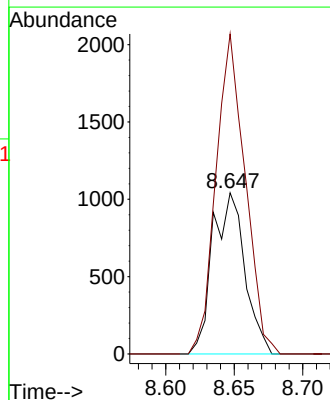
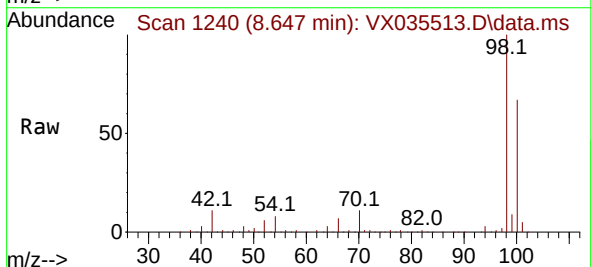
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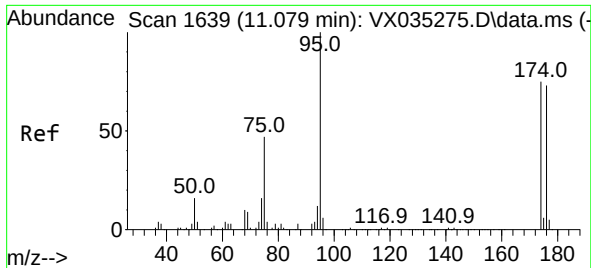
Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

58 180.4 30.6 46.0#

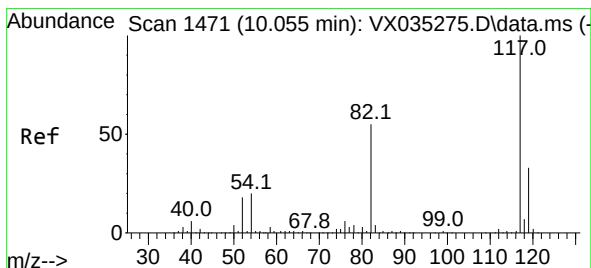
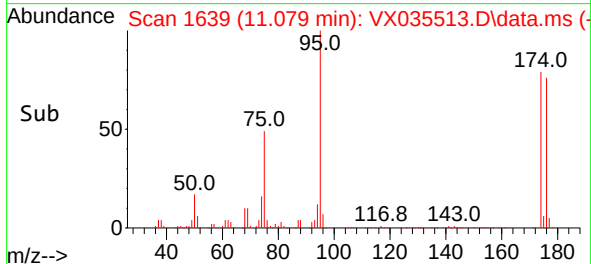
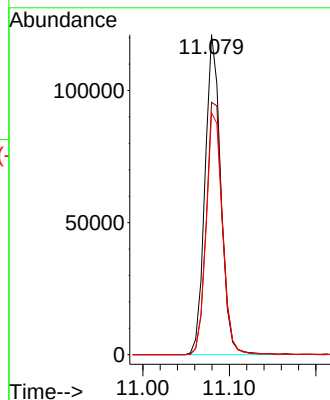
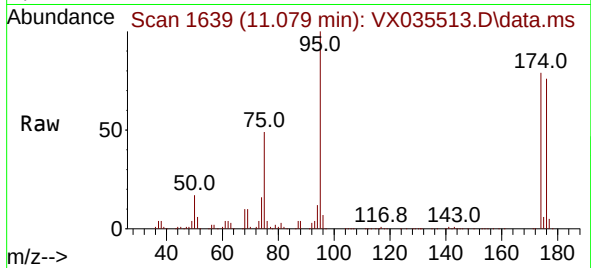




#62
4-Bromofluorobenzene
Concen: 52.317 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

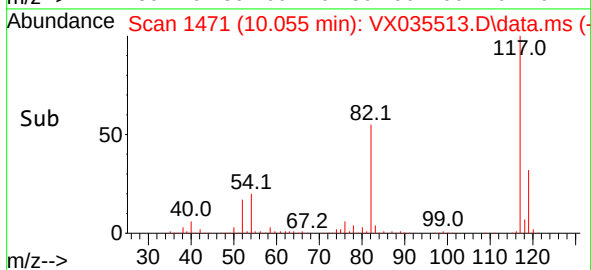
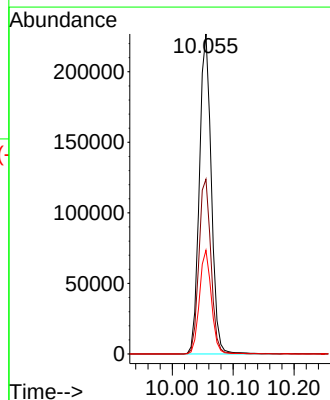
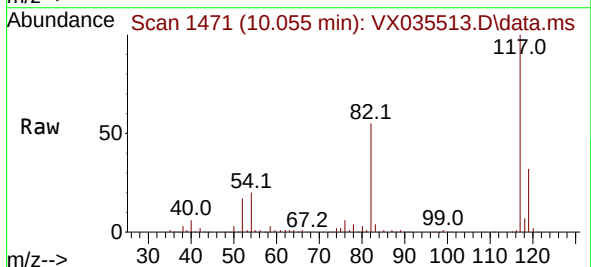
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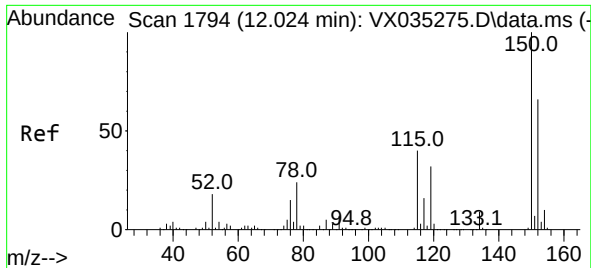
Tgt Ion: 95 Resp: 152710
Ion Ratio Lower Upper
95 100
174 81.9 0.0 147.4
176 78.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035513.D
Acq: 03 May 2023 16:34

Tgt Ion: 117 Resp: 308634
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.4 26.0 39.0

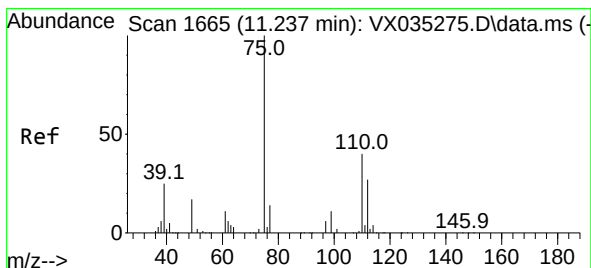
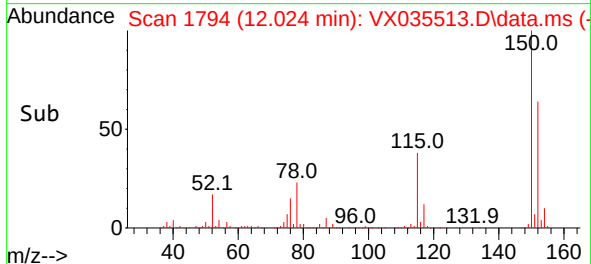
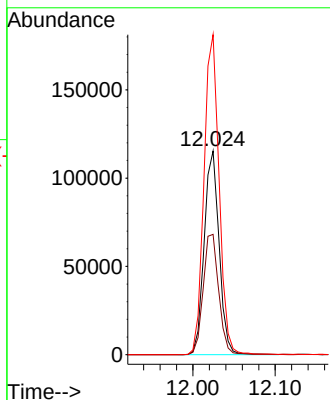
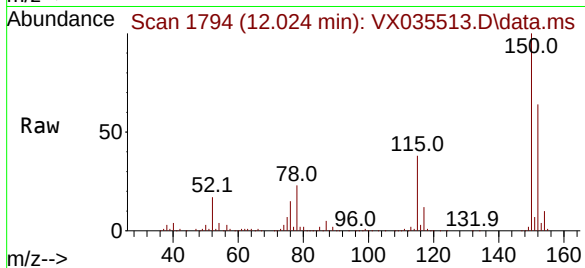




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035513.D
 Acq: 03 May 2023 16:34

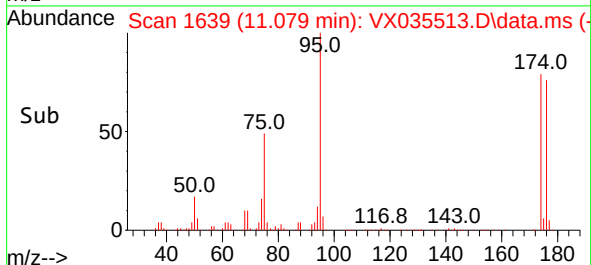
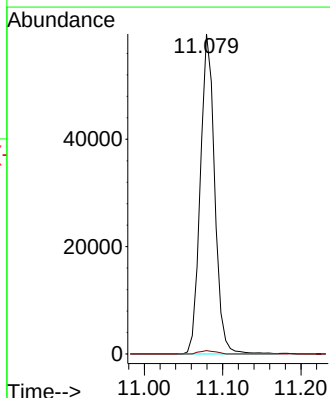
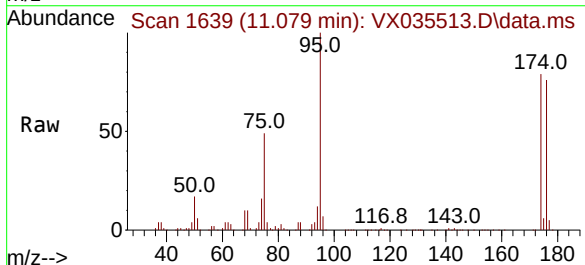
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

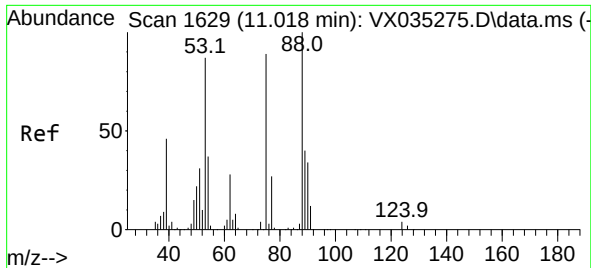
Tgt Ion:152 Resp: 145676
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.0 135.0
 150 159.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.150 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035513.D
 Acq: 03 May 2023 16:34

Tgt Ion: 75 Resp: 75990
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.696 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035513.D
 Acq: 03 May 2023 16:34

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

Tgt Ion: 75 Resp: 75990
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

