

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035865.D
 Acq On : 25 May 2023 19:50
 Operator : JC/MD
 Sample : 02911-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20230522

Quant Time: May 26 07:25:45 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)

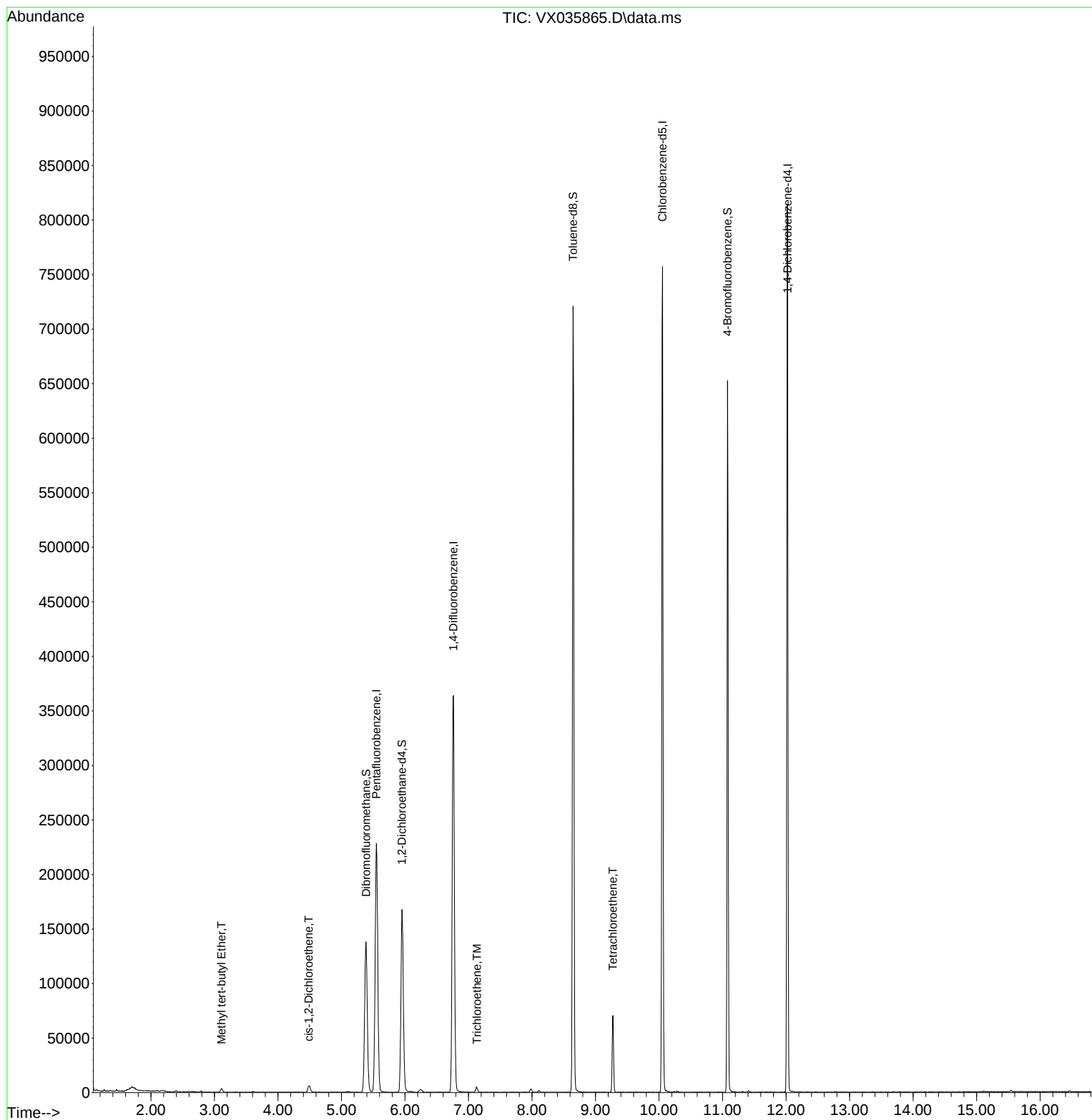
Internal Standards						
1) Pentafluorobenzene	5.550	168	205974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157587	43.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.720%
35) Dibromofluoromethane	5.385	113	119199	48.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.647	98	405059	44.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.840%#
62) 4-Bromofluorobenzene	11.079	95	162206	44.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	3322	0.364	ug/l #	90
27) cis-1,2-Dichloroethene	4.483	96	4215	1.395	ug/l	80
44) Trichloroethene	7.135	130	1848	0.669	ug/l	61
64) Tetrachloroethene	9.275	164	12933	5.874	ug/l	100

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

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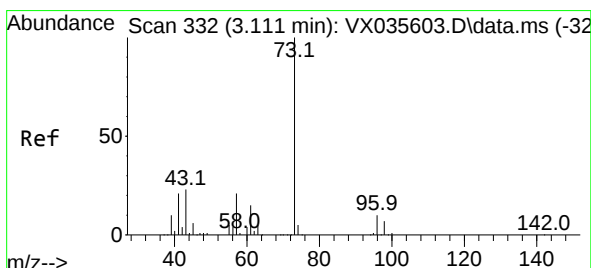
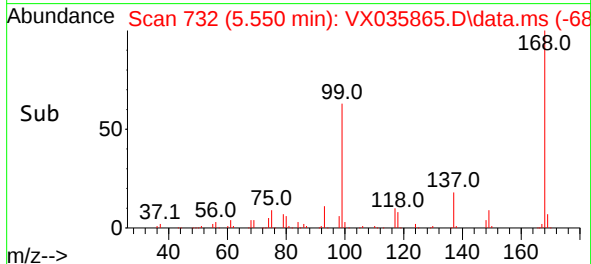
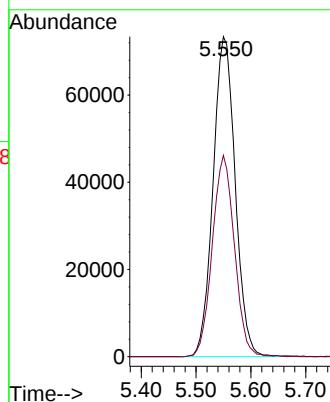
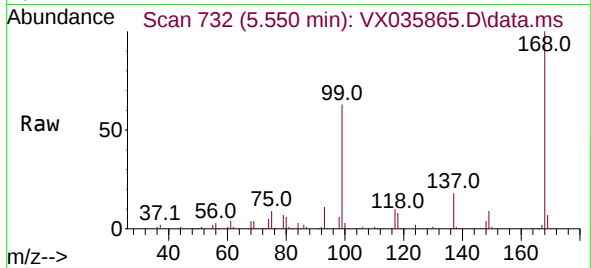




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

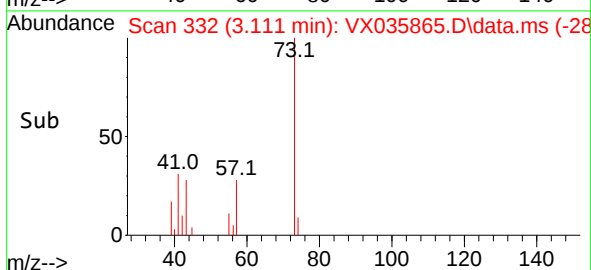
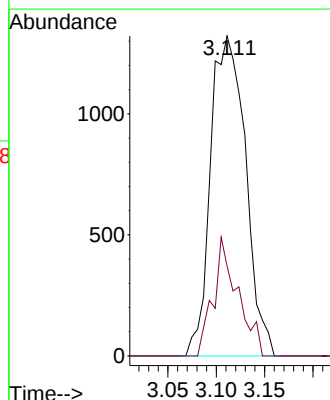
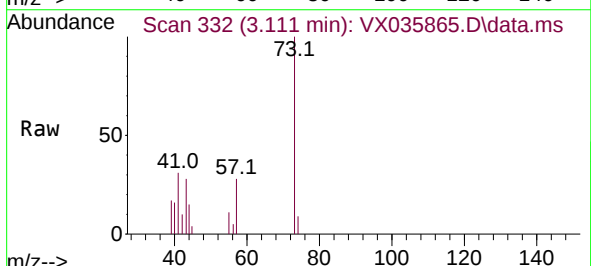
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

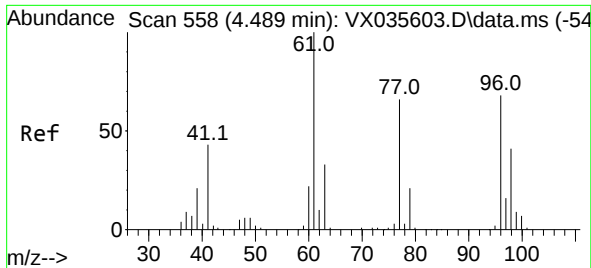
Tgt Ion:168 Resp: 205974
Ion Ratio Lower Upper
168 100
99 62.9 45.7 68.5



#19
Methyl tert-butyl Ether
Concen: 0.364 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Tgt Ion: 73 Resp: 3322
Ion Ratio Lower Upper
73 100
57 28.1 18.5 27.7#

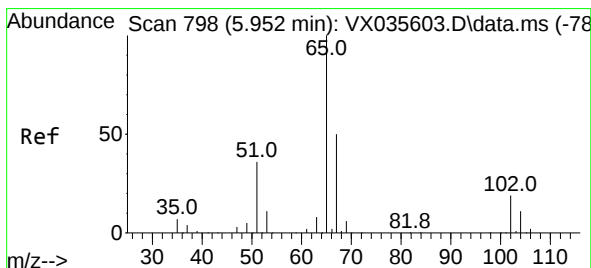
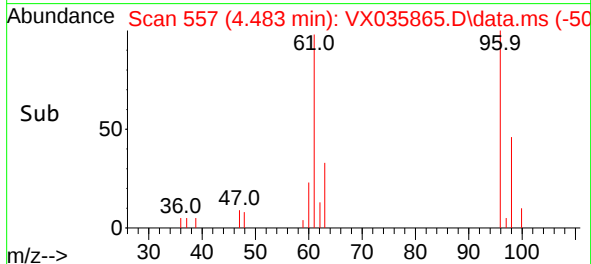
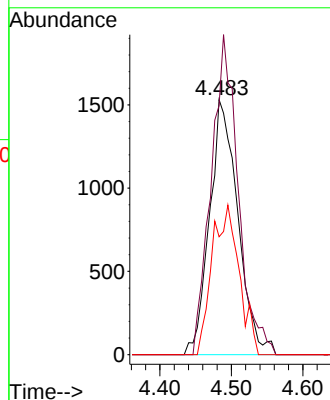
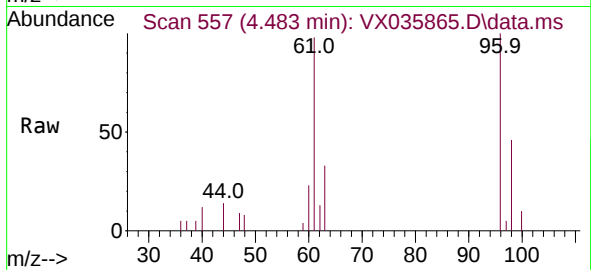




#27
 cis-1,2-Dichloroethene
 Concen: 1.395 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX035865.D
 Acq: 25 May 2023 19:50

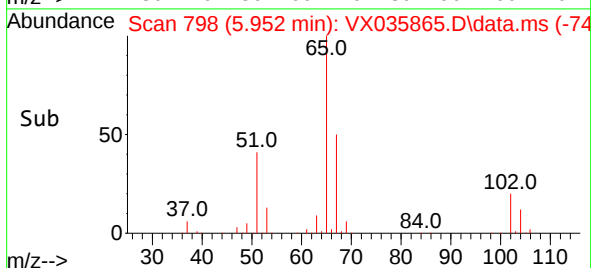
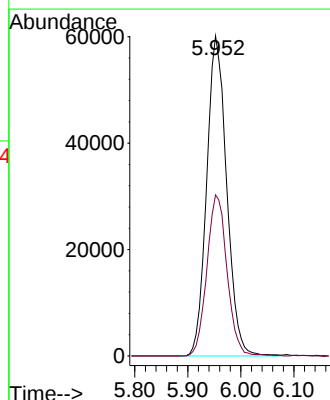
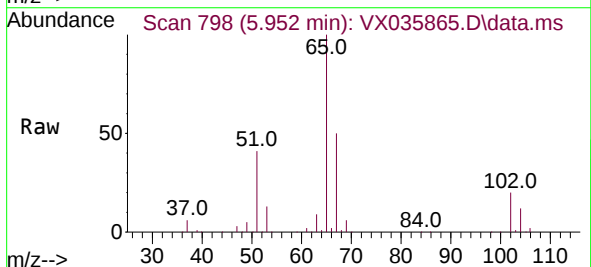
Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20230522

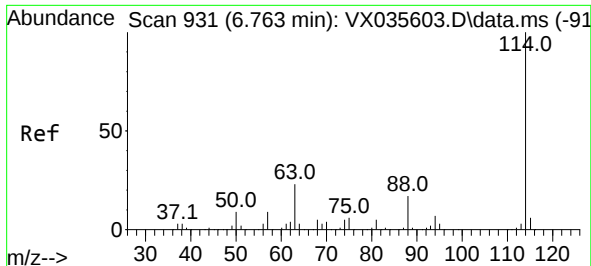
Tgt Ion: 96 Resp: 4215
 Ion Ratio Lower Upper
 96 100
 61 119.4 0.0 300.4
 98 56.0 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 43.856 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035865.D
 Acq: 25 May 2023 19:50

Tgt Ion: 65 Resp: 157587
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0

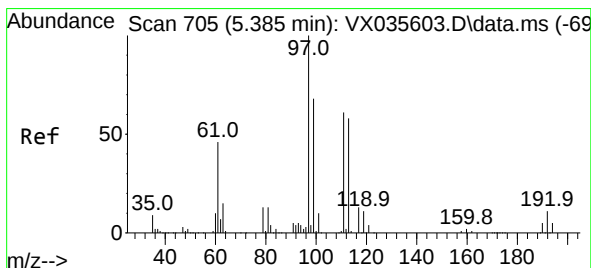
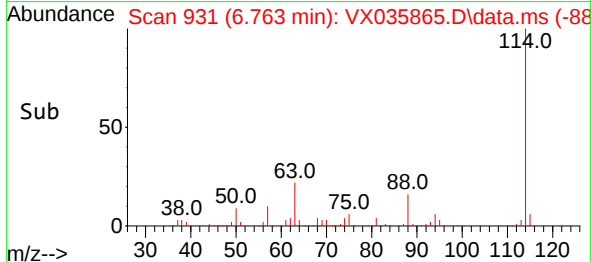
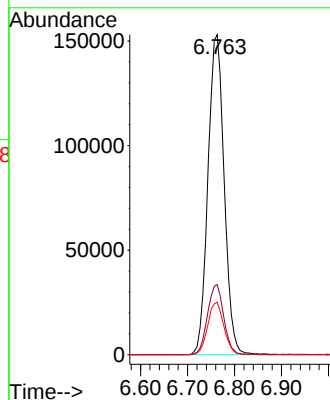
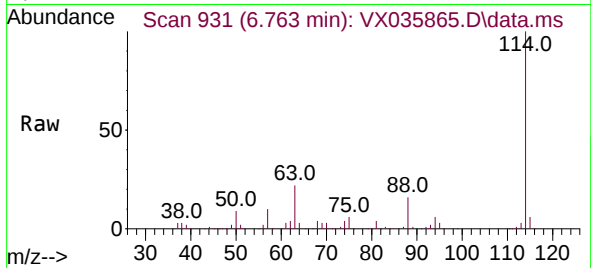




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

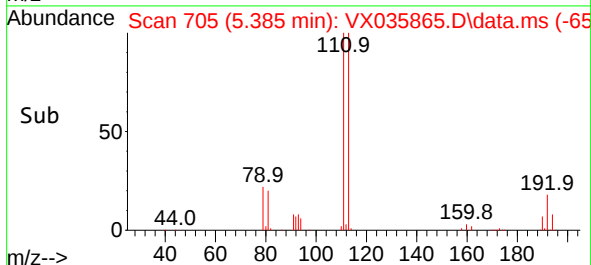
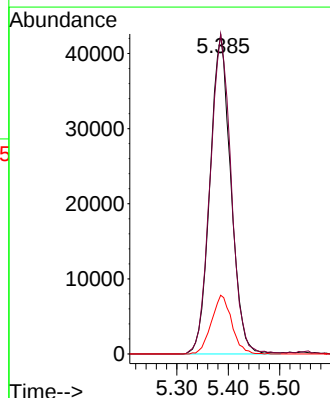
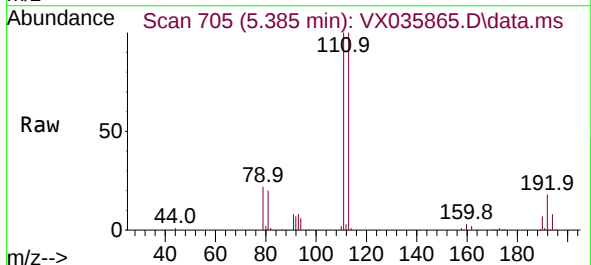
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

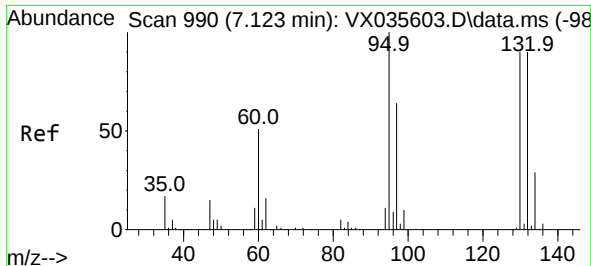
Tgt Ion:114 Resp: 366005
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.291 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Tgt Ion:113 Resp: 119199
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 18.0 15.4 23.2

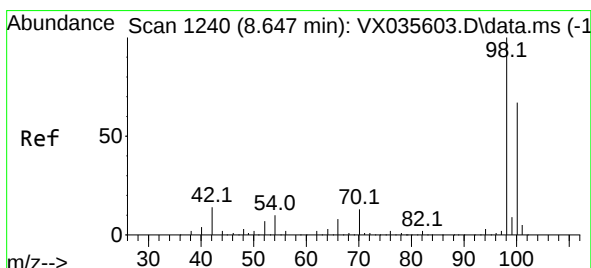
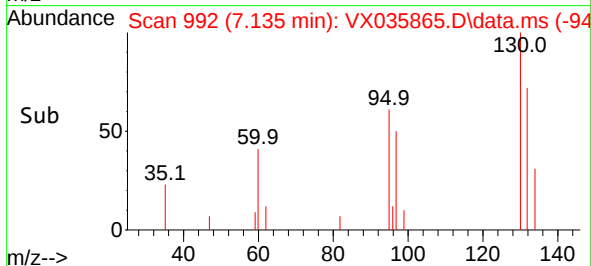
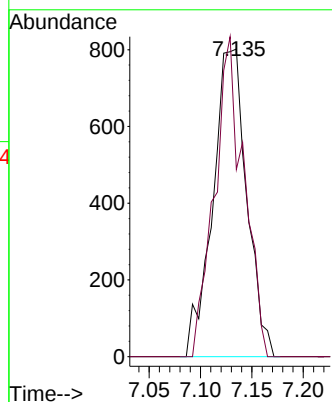
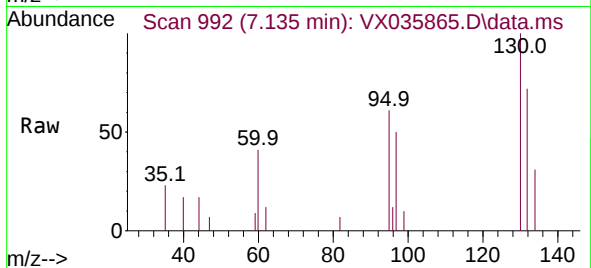




#44
Trichloroethene
Concen: 0.669 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

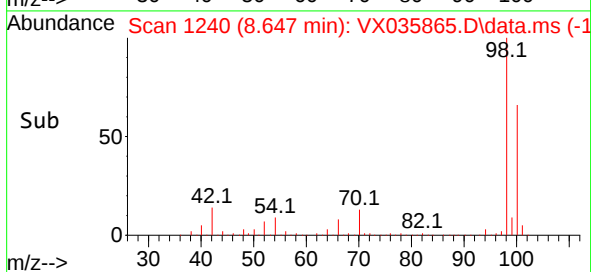
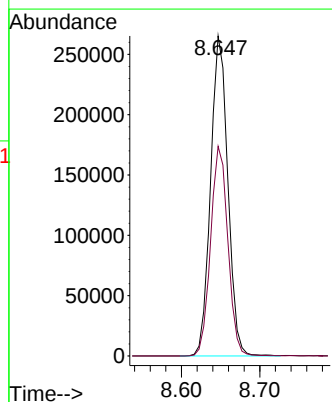
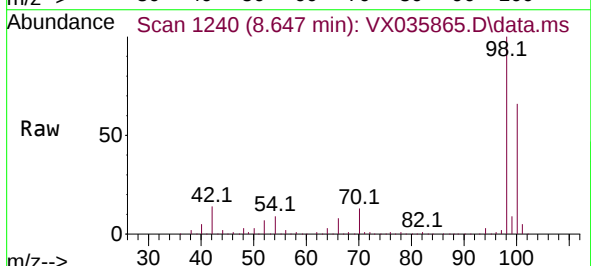
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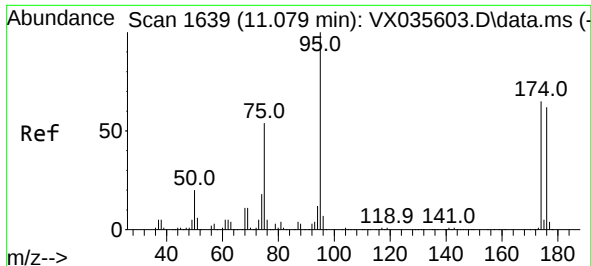
Tgt Ion:130 Resp: 1848
Ion Ratio Lower Upper
130 100
95 60.8 0.0 198.4



#50
Toluene-d8
Concen: 44.421 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Tgt Ion: 98 Resp: 405059
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

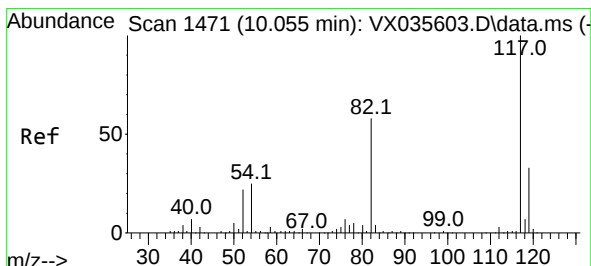
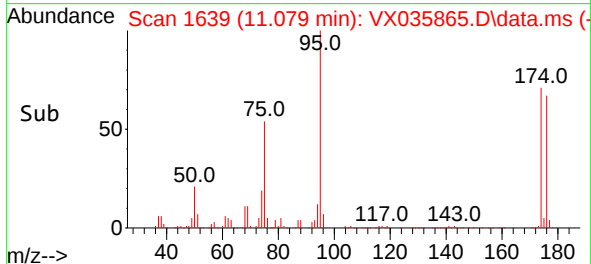
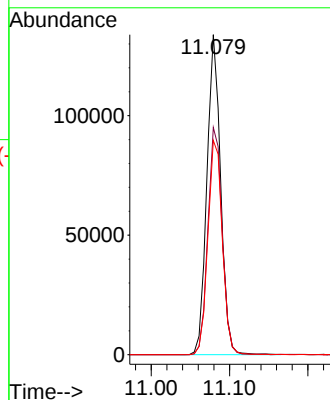
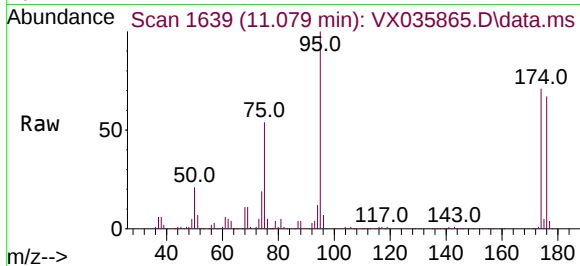




#62
4-Bromofluorobenzene
Concen: 44.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

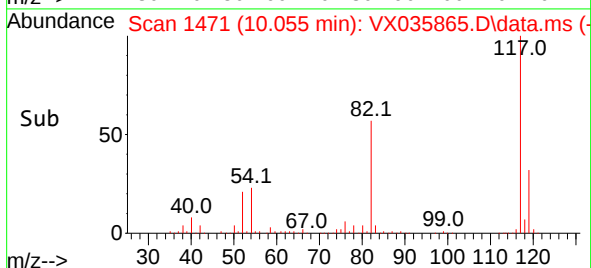
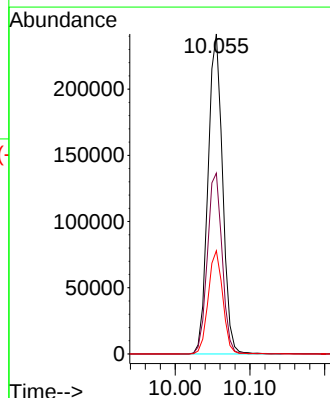
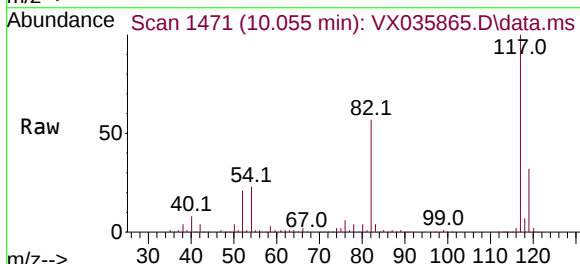
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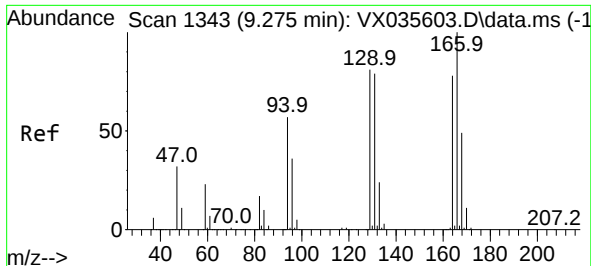
Tgt Ion: 95 Resp: 162206
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 70.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Tgt Ion: 117 Resp: 327018
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.2 26.0 39.0

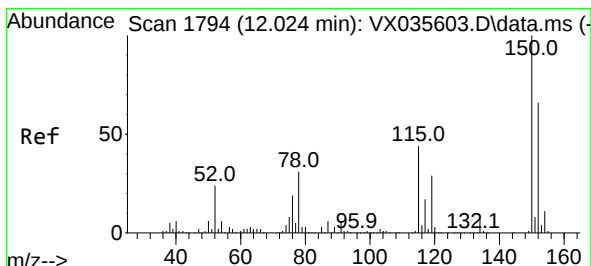
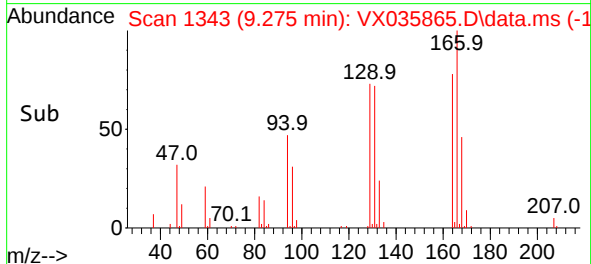
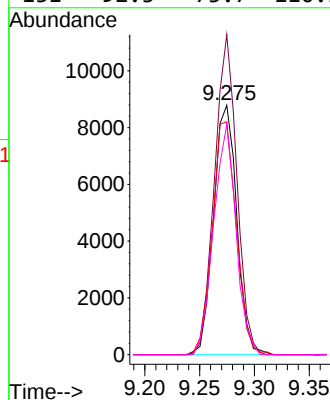
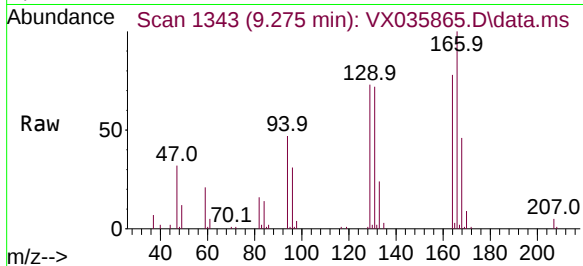




#64
Tetrachloroethene
Concen: 5.874 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

Tgt Ion:164 Resp: 12933
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 93.5 75.6 113.4
131 92.3 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035865.D
Acq: 25 May 2023 19:50

Tgt Ion:152 Resp: 156878
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 157.8 0.0 352.4

