

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038909.D
 Acq On : 18 Nov 2023 05:07
 Operator : JC/MD
 Sample : 05404-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20231109

Quant Time: Nov 20 00:32:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

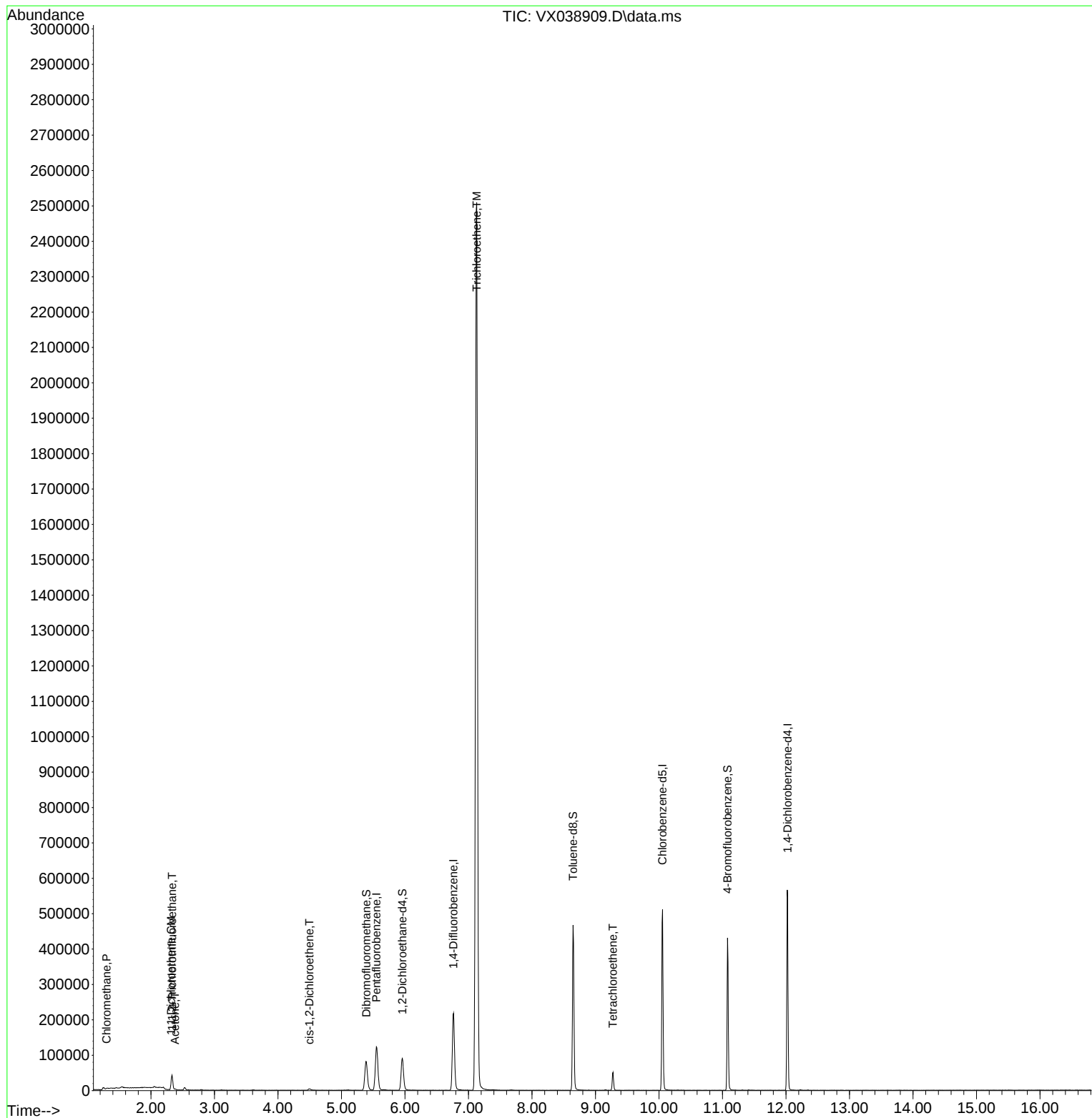
Internal Standards						
1) Pentafluorobenzene	5.550	168	109530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85378	48.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.760%
35) Dibromofluoromethane	5.391	113	72396	44.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	8.647	98	283341	45.623	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.240%#
62) 4-Bromofluorobenzene	11.079	95	119622	48.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	869	0.521	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	14837	10.973	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1858	1.361	ug/l #	71
16) Acetone	2.380	43	2736	2.912	ug/l #	86
27) cis-1,2-Dichloroethene	4.495	96	2777	1.582	ug/l	79
44) Trichloroethene	7.129	130	945054	564.260	ug/l	94
64) Tetrachloroethene	9.275	164	8711	6.127	ug/l	95

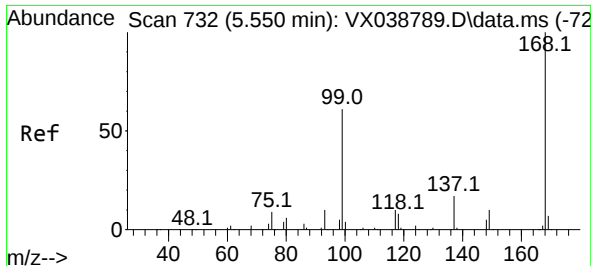
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

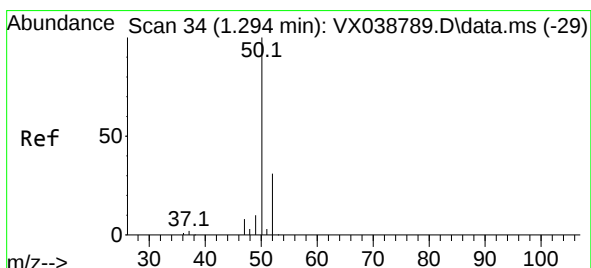
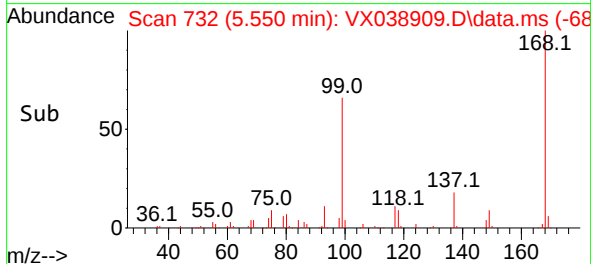
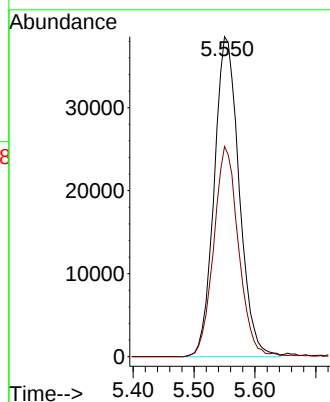
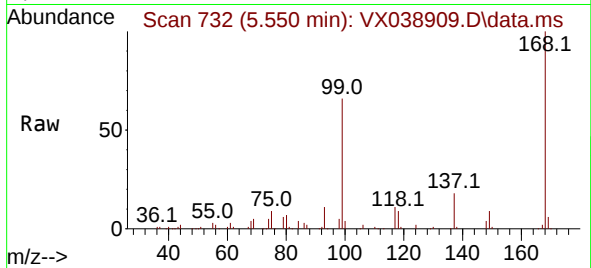




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

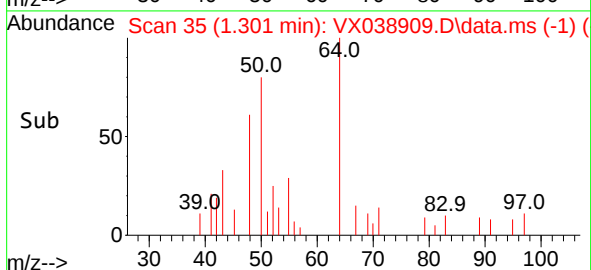
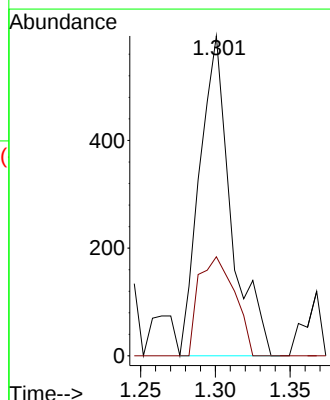
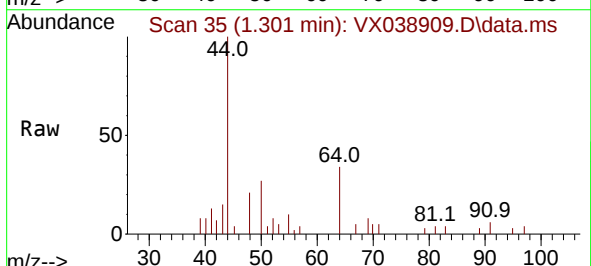
Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109

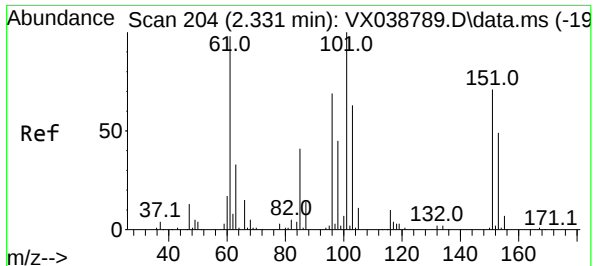
Tgt Ion:168 Resp: 109530
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#3
Chloromethane
Concen: 0.521 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 31.0 25.5 38.3

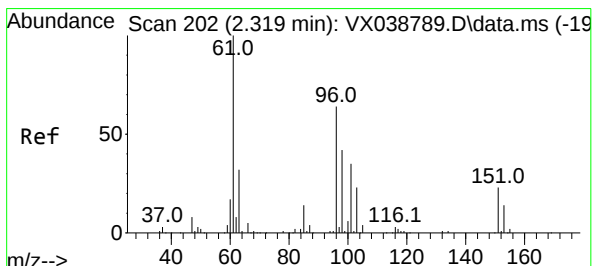
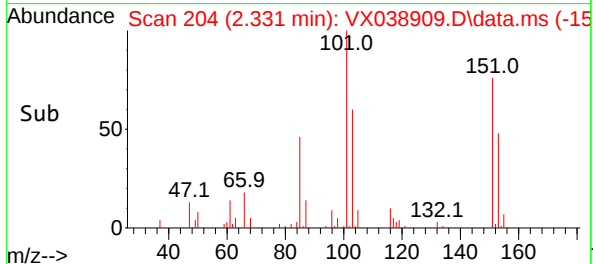
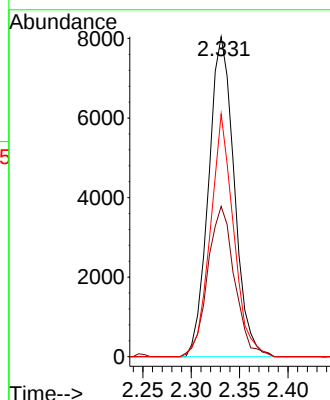
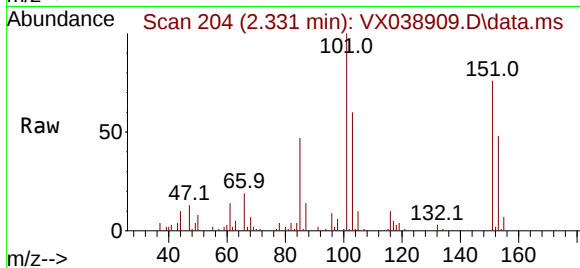




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.973 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038909.D
 Acq: 18 Nov 2023 05:07

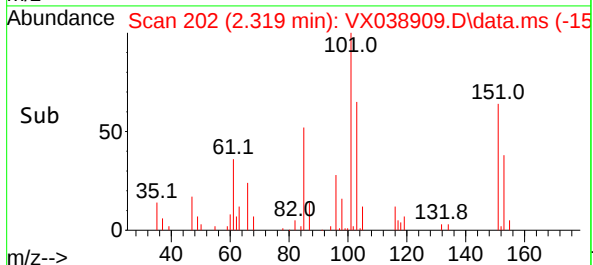
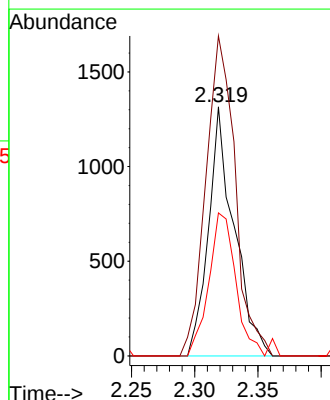
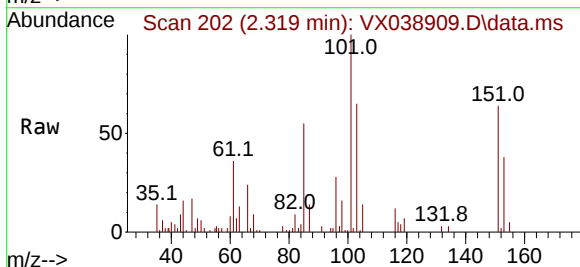
Instrument :
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 ClientSampleId :
 RW4-20231109

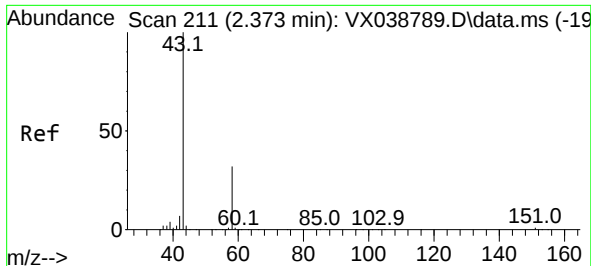
Tgt Ion:101 Resp: 14837
 Ion Ratio Lower Upper
 101 100
 85 49.3 37.0 55.6
 151 68.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 1.361 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038909.D
 Acq: 18 Nov 2023 05:07

Tgt Ion: 96 Resp: 1858
 Ion Ratio Lower Upper
 96 100
 61 128.4 144.6 216.8#
 98 57.4 50.4 75.6

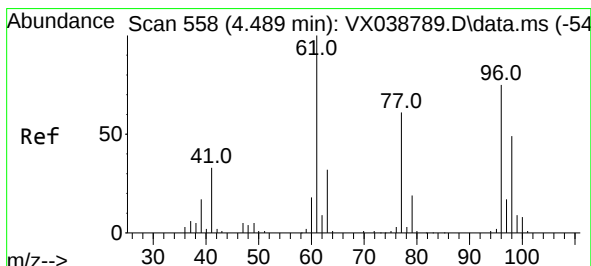
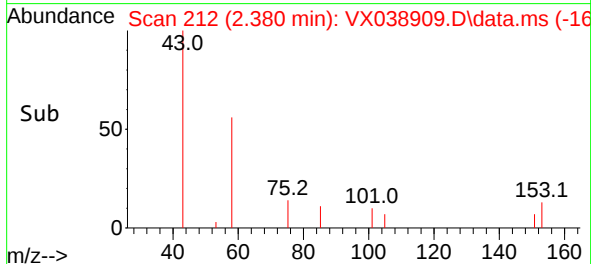
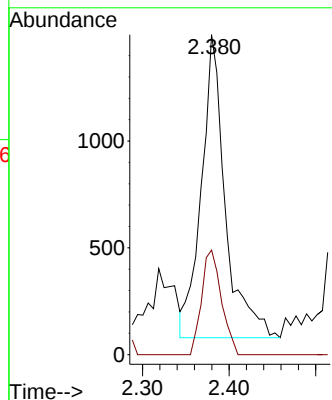
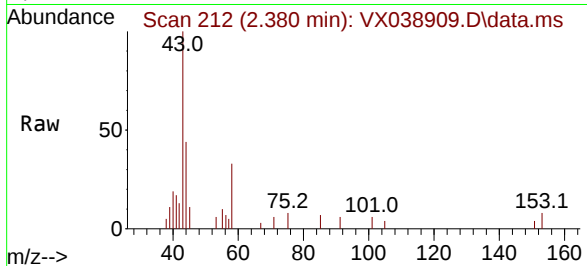




#16
Acetone
Concen: 2.912 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

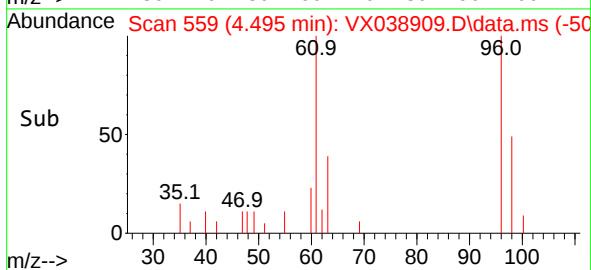
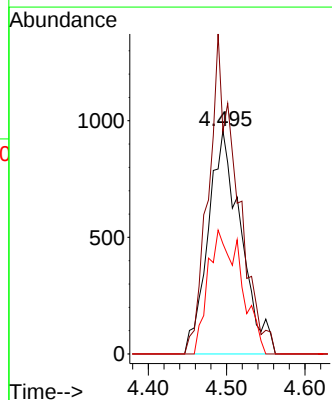
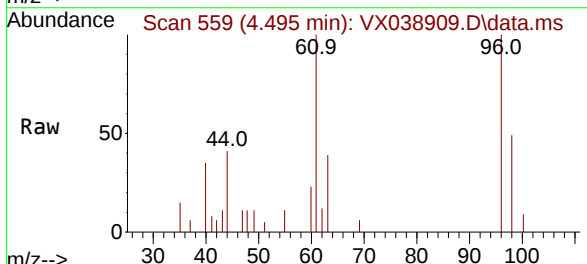
Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109

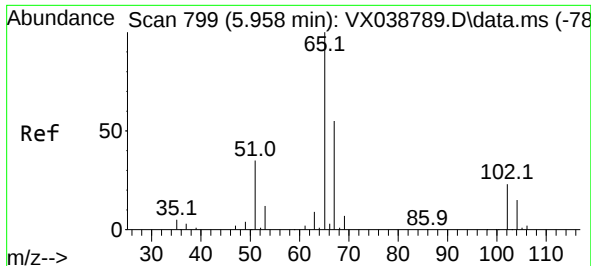
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.582 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

Tgt Ion: 96 Resp: 2777
Ion Ratio Lower Upper
96 100
61 123.5 0.0 312.2
98 56.1 0.0 129.0

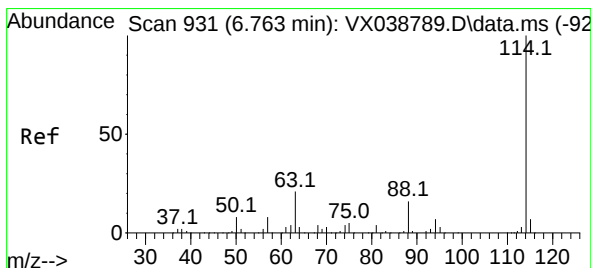
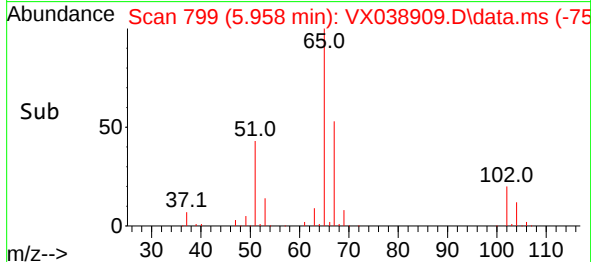
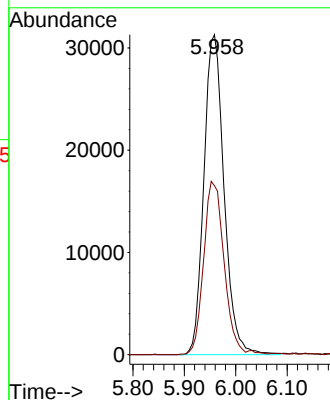
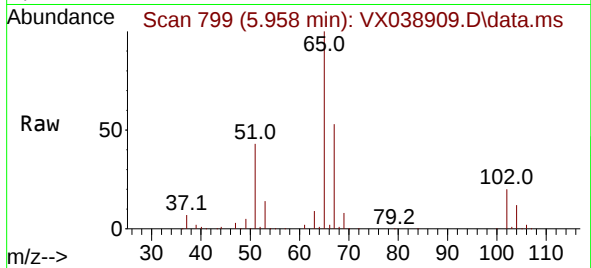




#33
 1,2-Dichloroethane-d4
 Concen: 48.375 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038909.D
 Acq: 18 Nov 2023 05:07

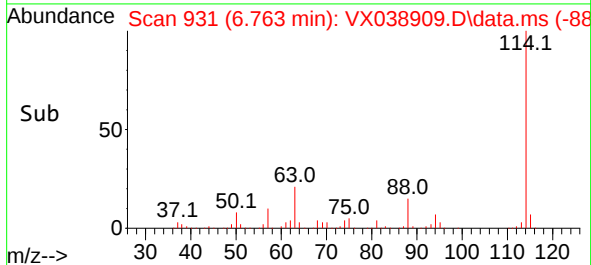
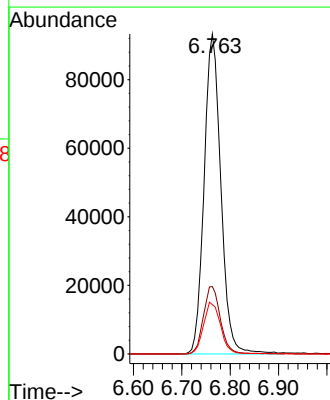
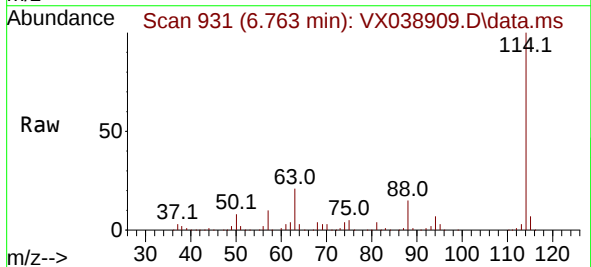
Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20231109

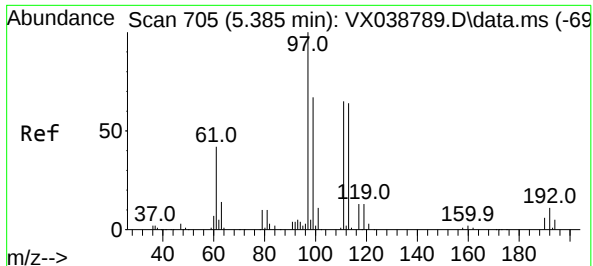
Tgt Ion: 65 Resp: 85378
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038909.D
 Acq: 18 Nov 2023 05:07

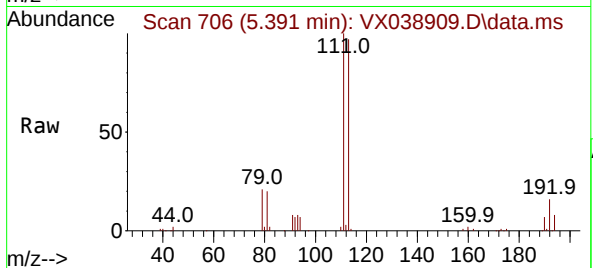
Tgt Ion: 114 Resp: 224750
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 15.4 0.0 36.6



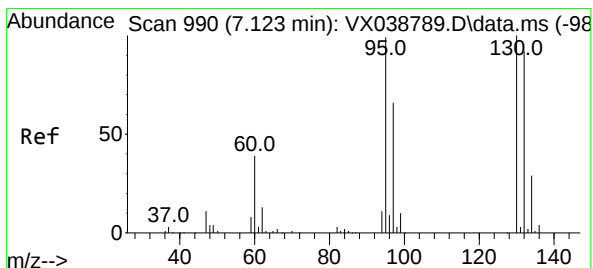
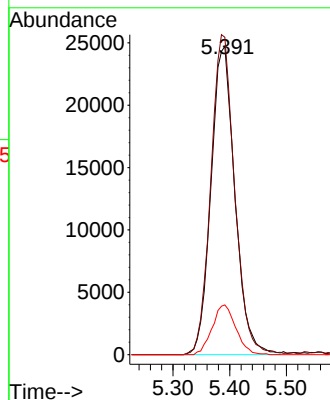
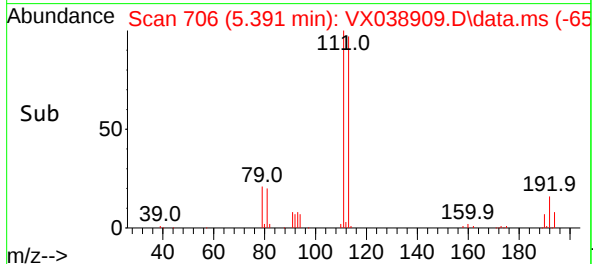


#35
Dibromofluoromethane
Concen: 44.601 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109

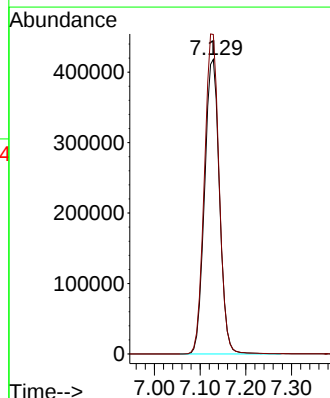
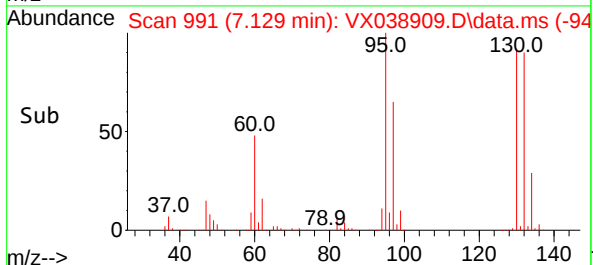
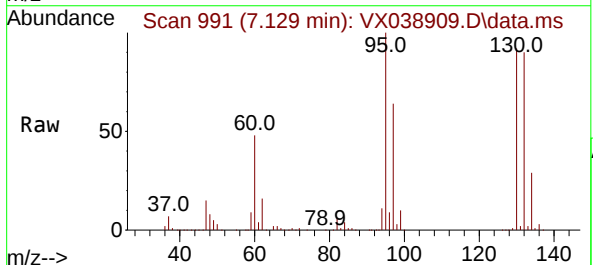


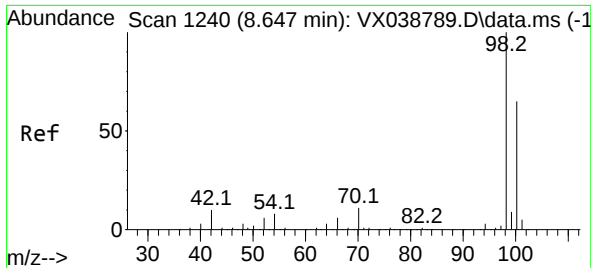
Tgt Ion:113 Resp: 72396
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.0 13.3 19.9



#44
Trichloroethene
Concen: 564.260 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

Tgt Ion:130 Resp: 945054
Ion Ratio Lower Upper
130 100
95 108.5 0.0 204.4

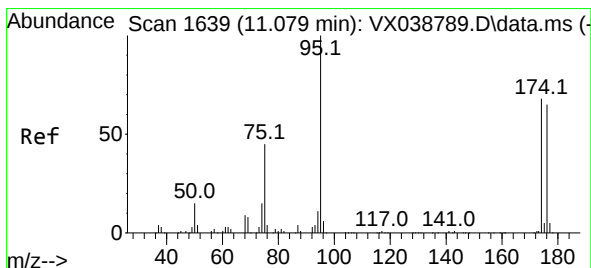
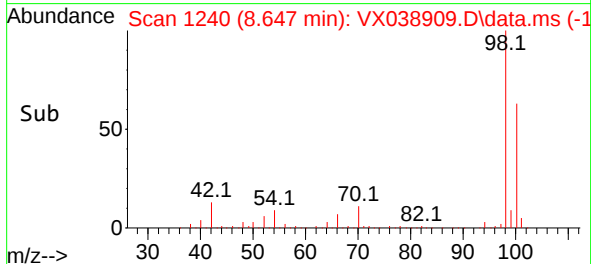
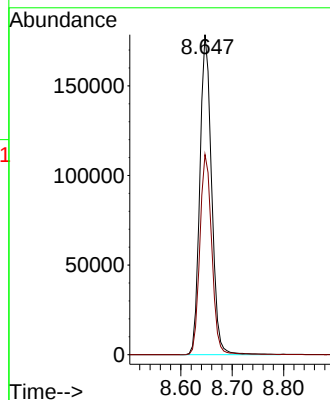
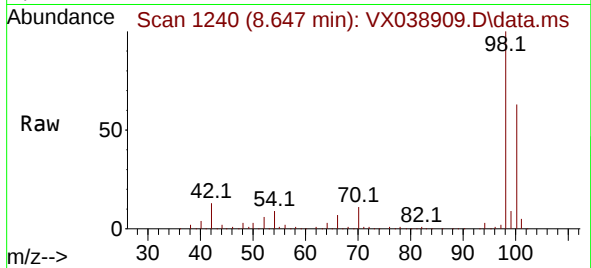




#50
Toluene-d8
Concen: 45.623 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

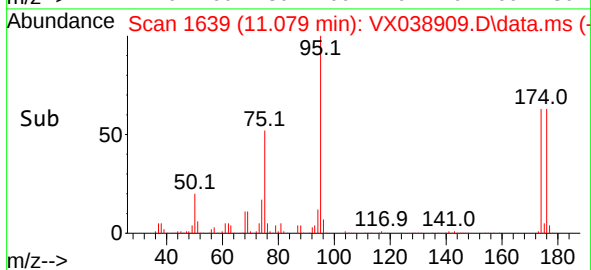
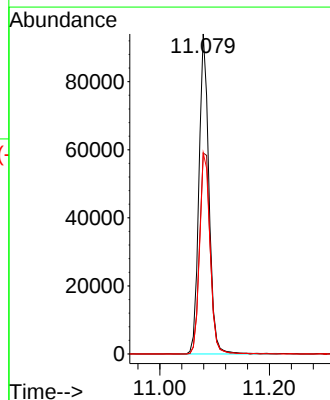
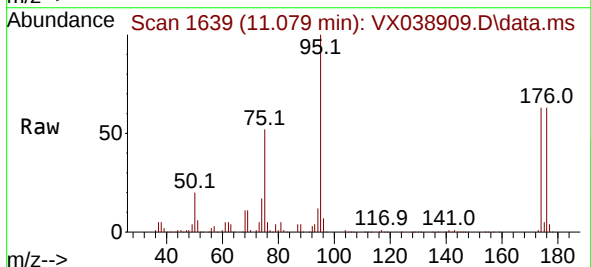
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RW4-20231109

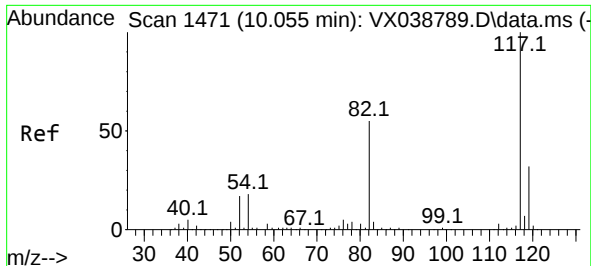
Tgt Ion: 98 Resp: 283341
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

Tgt Ion: 95 Resp: 119622
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.7 0.0 131.0

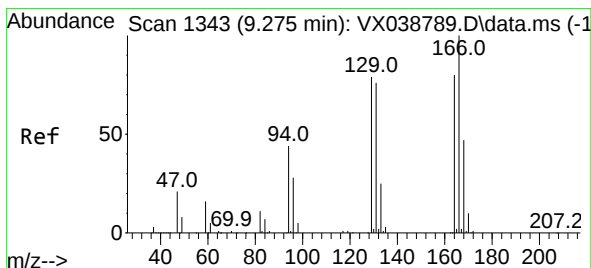
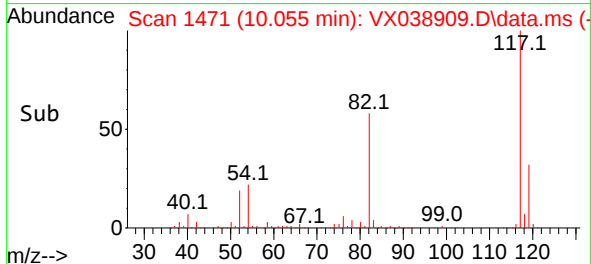
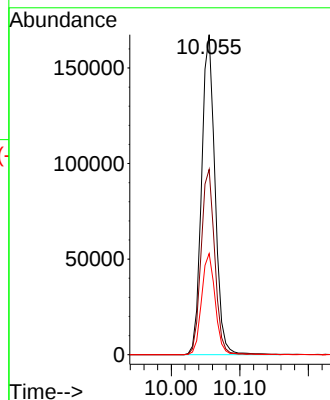
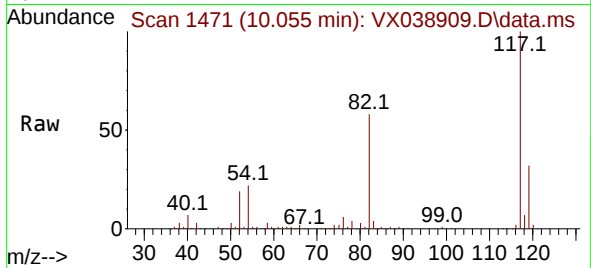




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

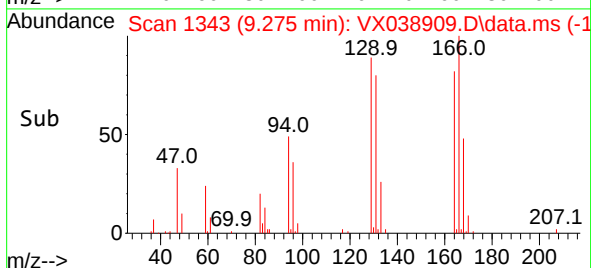
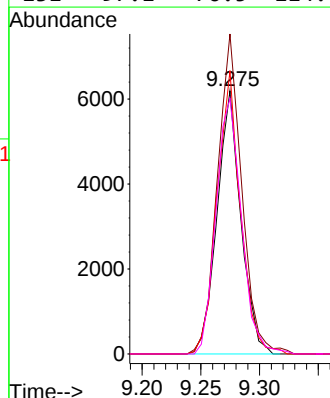
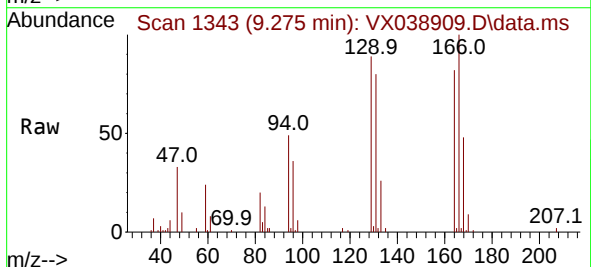
Instrument :
MSVOA_X
ClientSampleId :
RW4-20231109

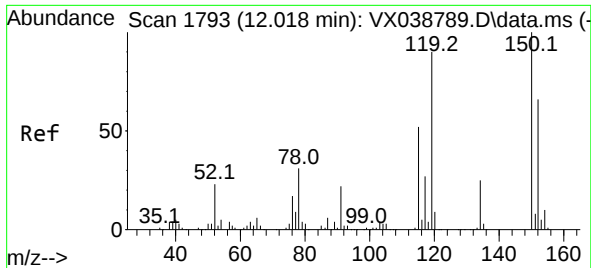
Tgt Ion:117 Resp: 228739
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 6.127 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038909.D
Acq: 18 Nov 2023 05:07

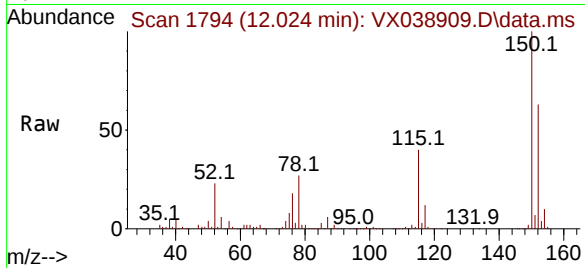
Tgt Ion:164 Resp: 8711
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 107.6 80.4 120.6
131 97.1 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038909.D
 Acq: 18 Nov 2023 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20231109



Tgt Ion:152	Resp:	112797	
Ion	Ratio	Lower	Upper
152	100		
115	65.5	43.3	129.9
150	158.0	0.0	345.0

