

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037109.D
 Acq On : 19 Aug 2023 05:13
 Operator : JC/MD
 Sample : 04024-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20230815

Quant Time: Aug 21 01:41:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

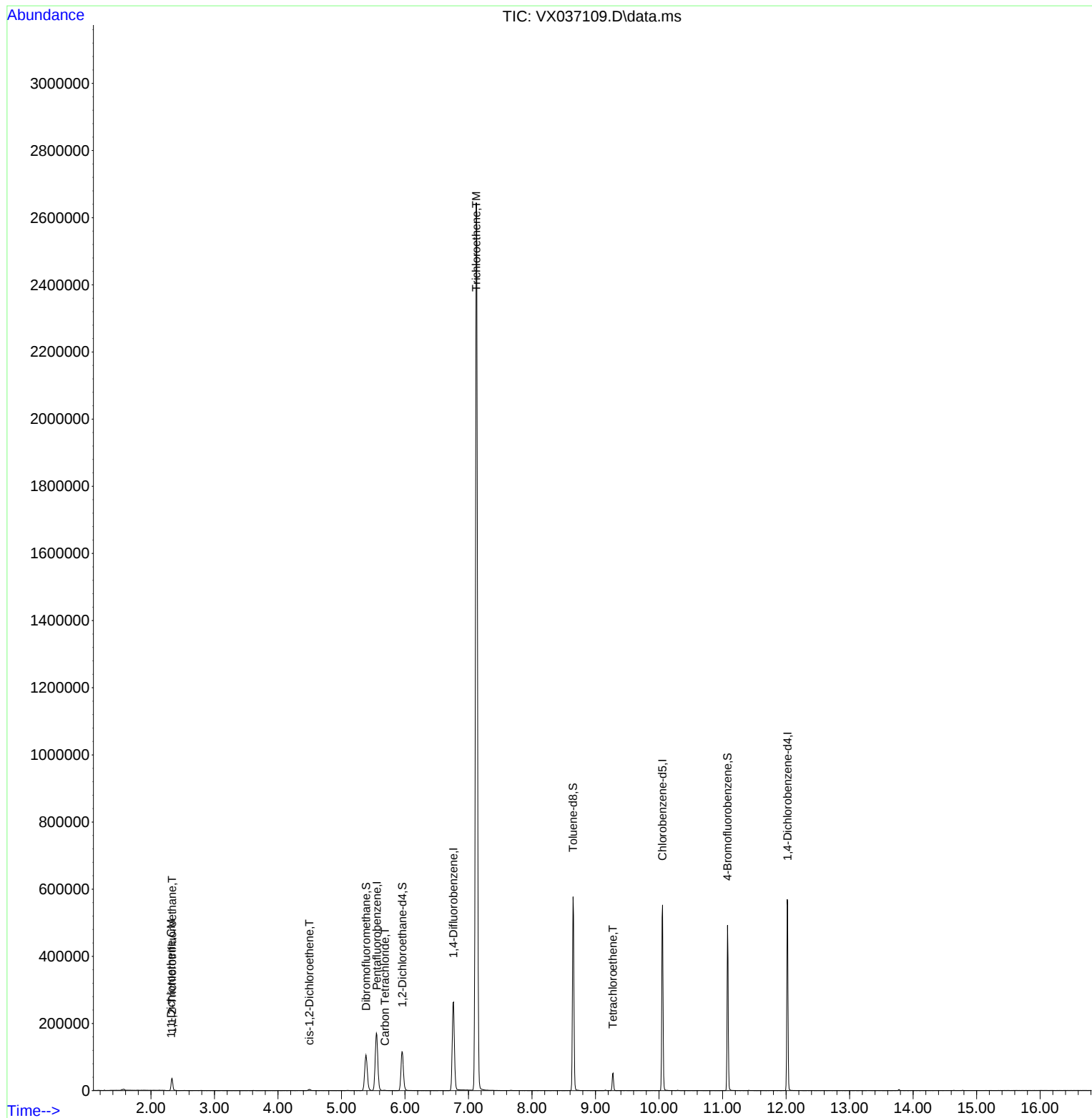
Internal Standards						
1) Pentafluorobenzene	5.556	168	158992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	277854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119286	52.041	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.080%		
35) Dibromofluoromethane	5.385	113	93266	50.684	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.360%		
50) Toluene-d8	8.647	98	341455	51.155	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.300%		
62) 4-Bromofluorobenzene	11.079	95	130561	49.772	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.540%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	13086	7.786	ug/l	96
12) 1,1-Dichloroethene	2.319	96	1613	0.986	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	2389	1.089	ug/l	85
38) Carbon Tetrachloride	5.684	117	968	0.341	ug/l #	81
44) Trichloroethene	7.123	130	1036122	487.333	ug/l	99
64) Tetrachloroethene	9.275	164	9724	5.214	ug/l	97

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

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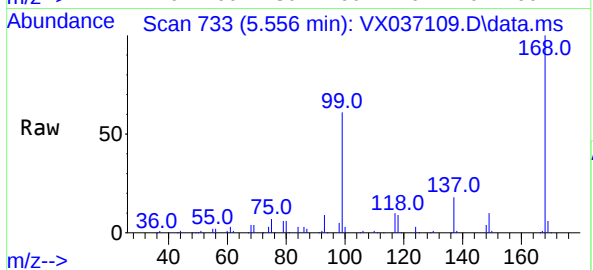
Quant Time: Aug 21 01:41:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



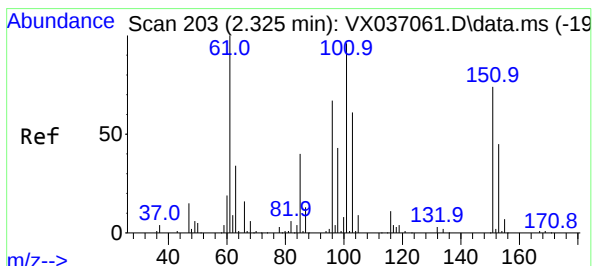
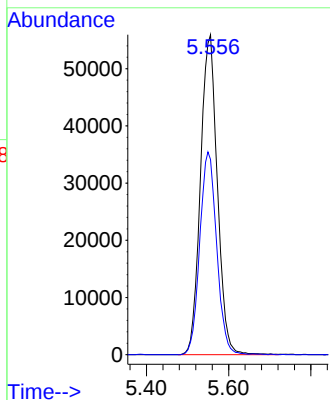
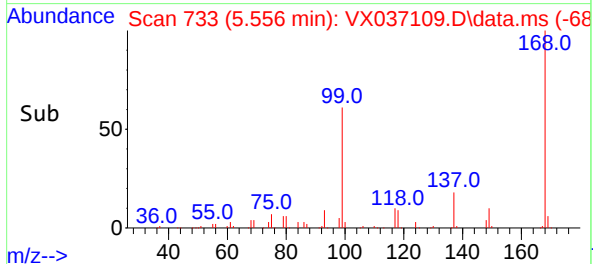


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

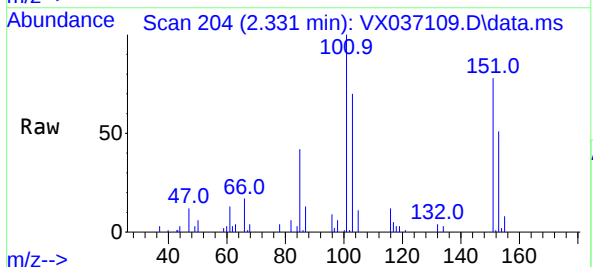
Instrument :
MSVOA_X
ClientSampleId :
RW4-20230815



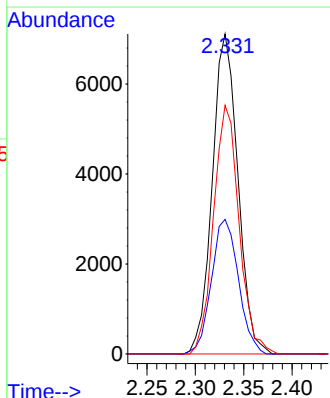
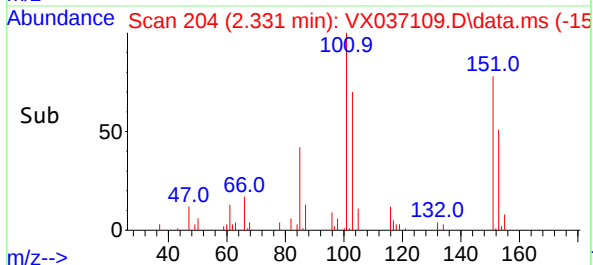
Tgt Ion:168 Resp: 158992
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0

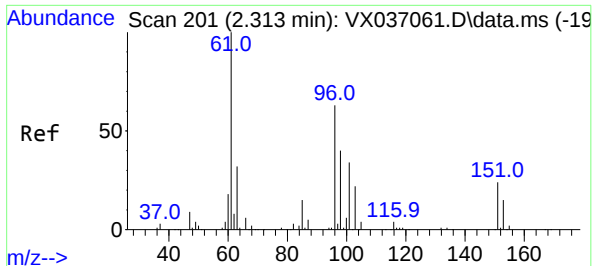


#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.786 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13



Tgt Ion:101 Resp: 13086
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 77.4 58.6 87.8

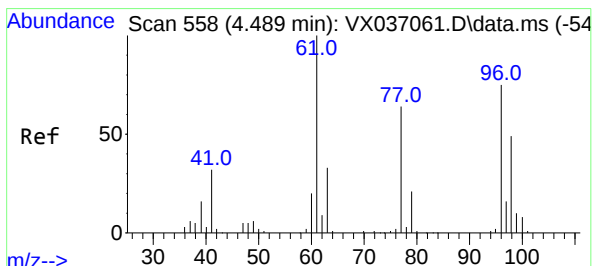
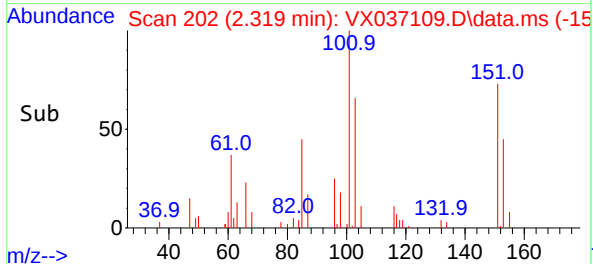
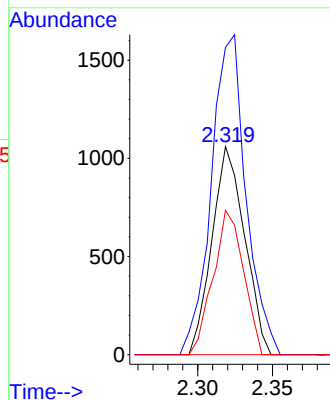
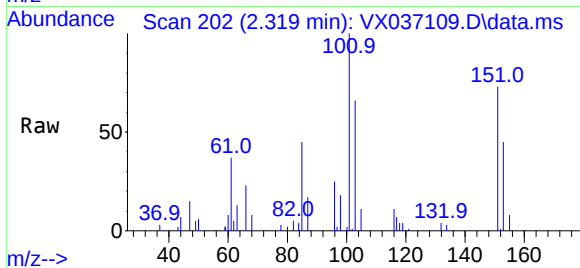




#12
1,1-Dichloroethene
Concen: 0.986 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

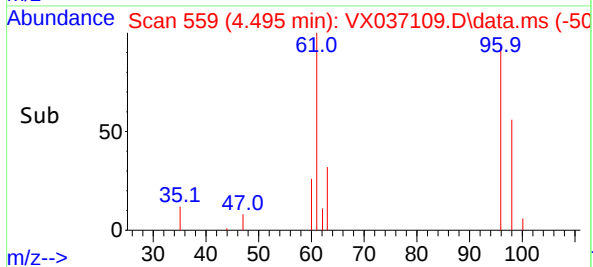
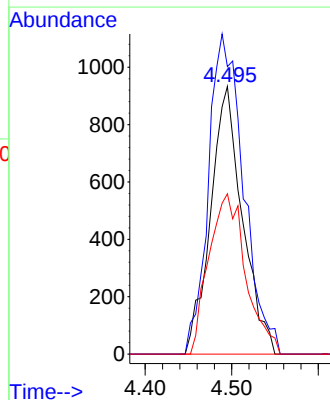
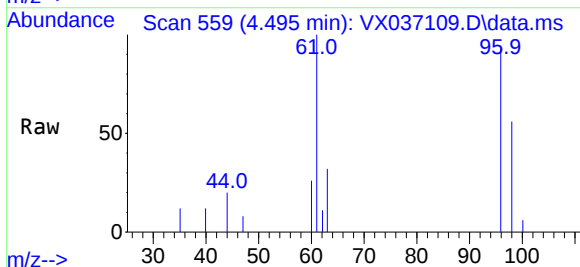
Instrument :
MSVOA_X
ClientSampleId :
RW4-20230815

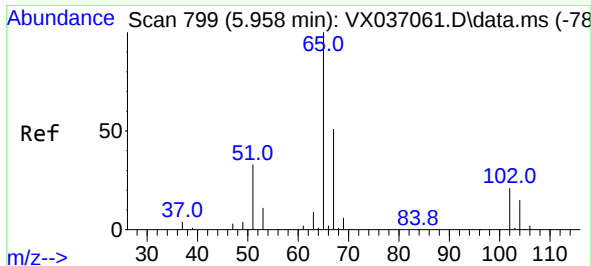
Tgt Ion: 96 Resp: 1613
Ion Ratio Lower Upper
96 100
61 147.7 144.6 216.8
98 69.4 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 1.089 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 131.2 0.0 312.2
98 69.4 0.0 129.0

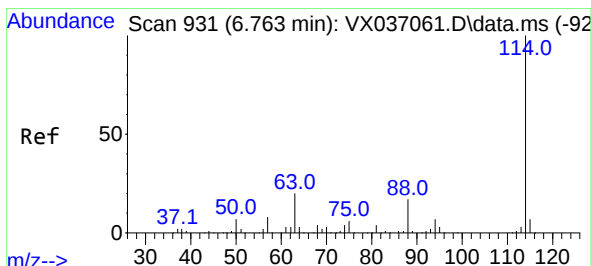
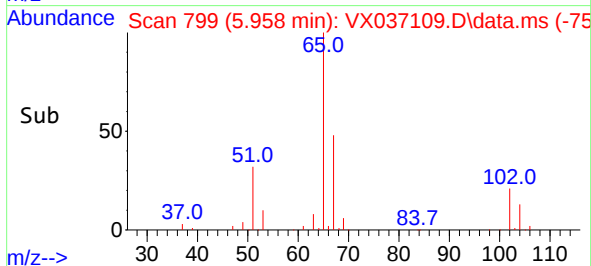
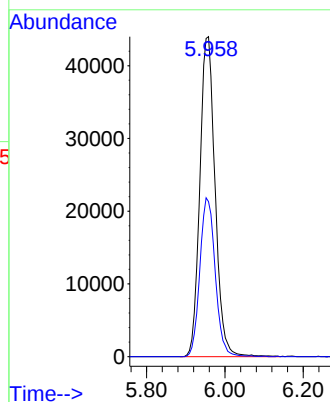
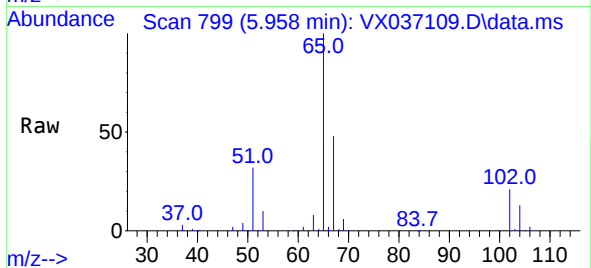




#33
1,2-Dichloroethane-d4
Concen: 52.041 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

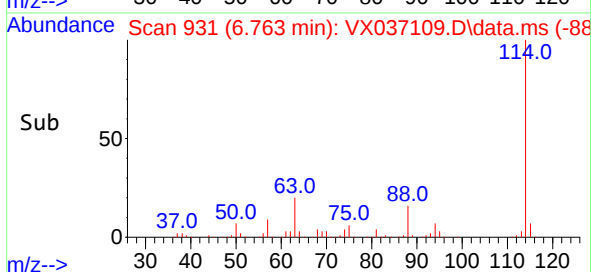
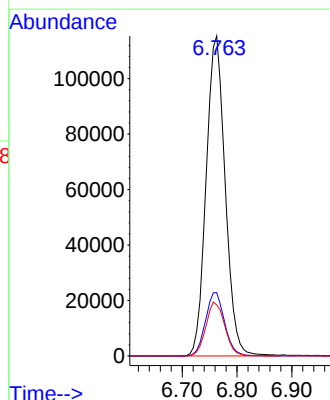
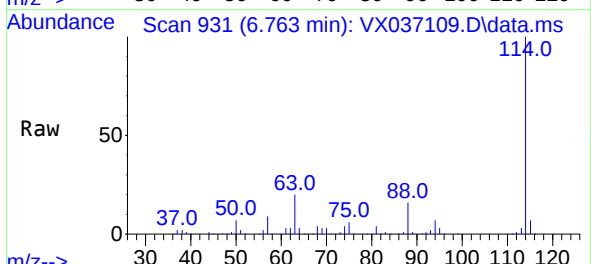
Instrument :
MSVOA_X
ClientSampleId :
RW4-20230815

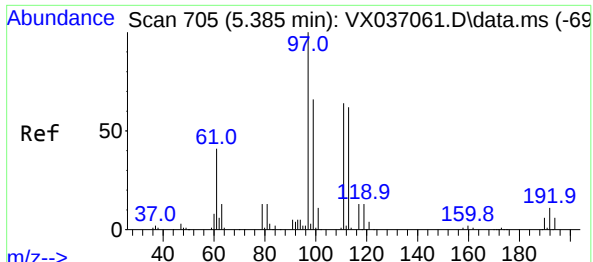
Tgt Ion: 65 Resp: 119286
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

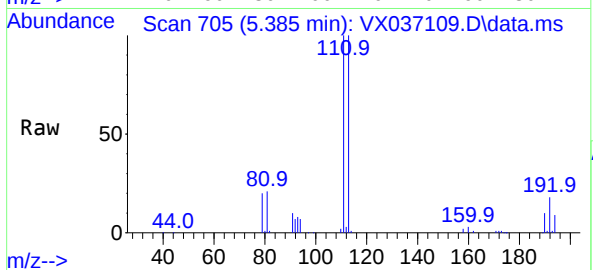
Tgt Ion: 114 Resp: 277854
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.9 0.0 36.6



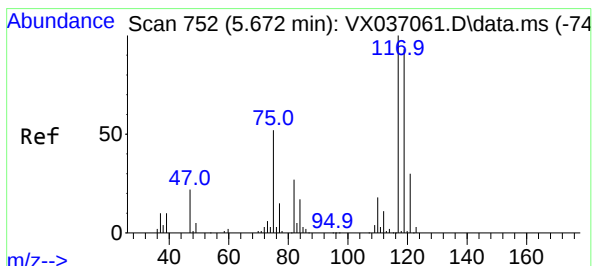
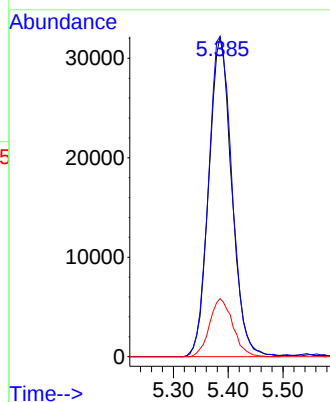
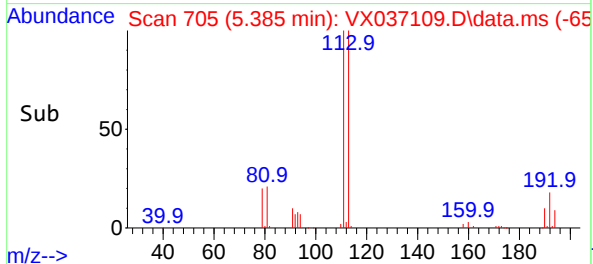


#35
Dibromofluoromethane
Concen: 50.684 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Instrument :
MSVOA_X
ClientSampleId :
RW4-20230815

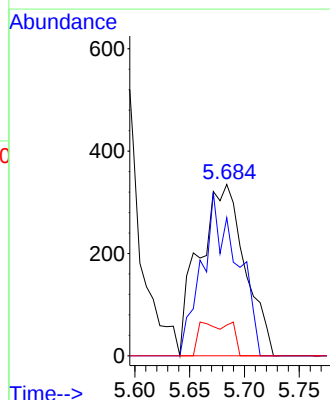
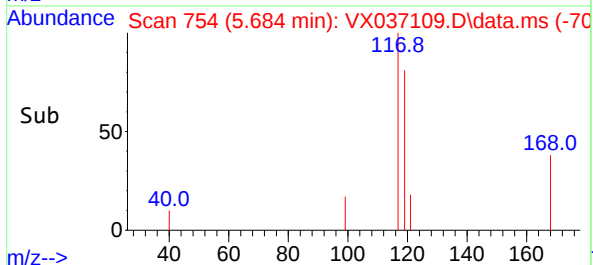
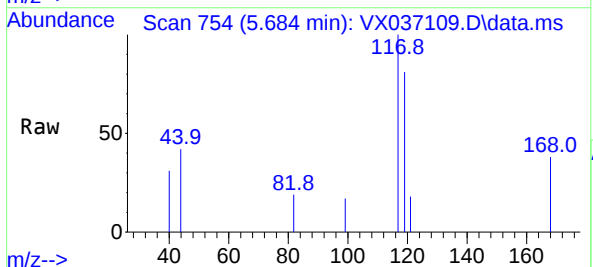


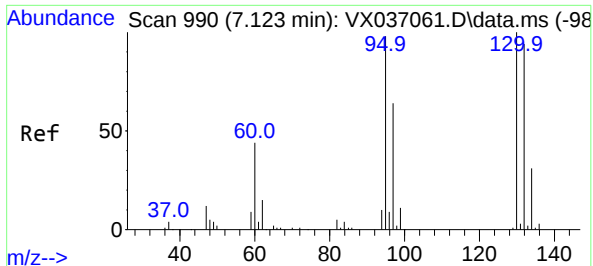
Tgt Ion:113 Resp: 93266
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.4 13.3 19.9



#38
Carbon Tetrachloride
Concen: 0.341 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Tgt Ion:117 Resp: 968
Ion Ratio Lower Upper
117 100
119 80.6 78.2 117.2
121 17.9 24.4 36.6#

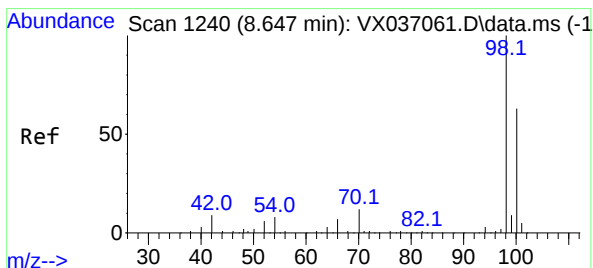
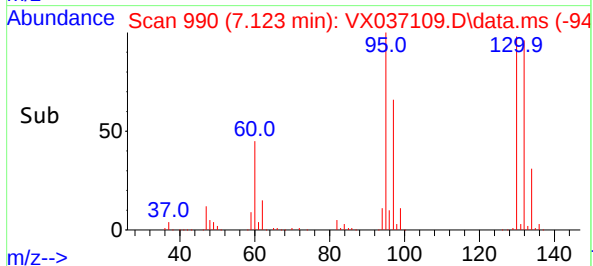
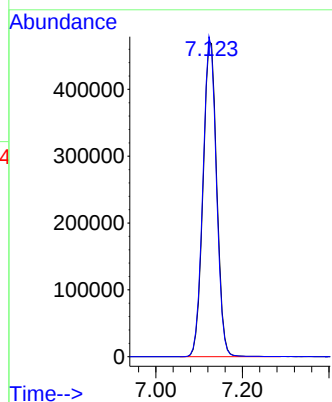
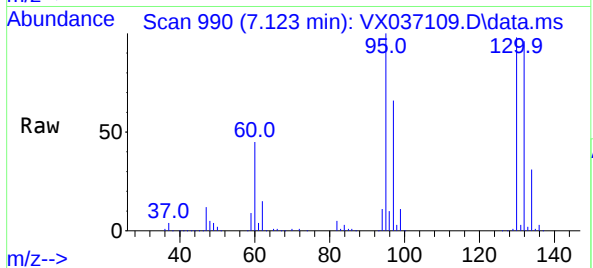




#44
Trichloroethene
Concen: 487.333 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

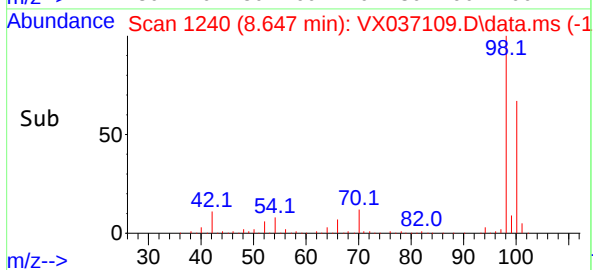
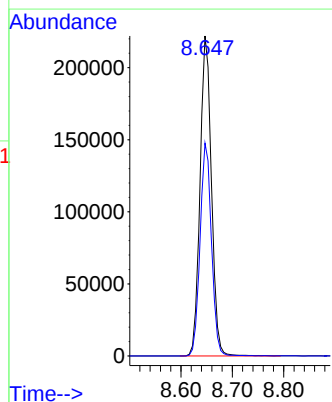
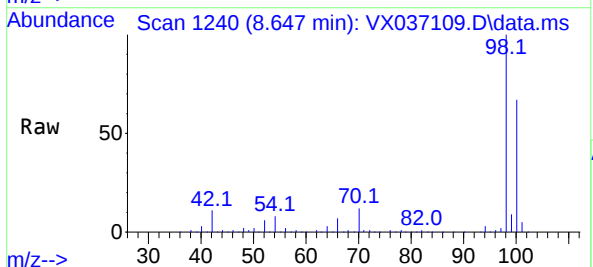
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ClientSampleId :
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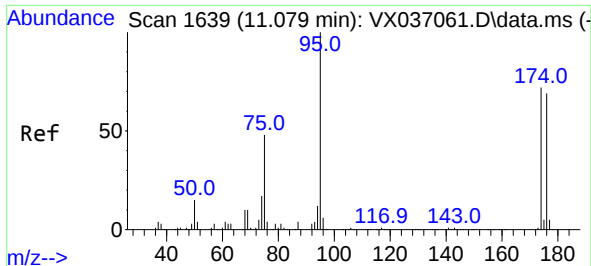
Tgt Ion:130 Resp: 1036122
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4



#50
Toluene-d8
Concen: 51.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Tgt Ion: 98 Resp: 341455
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

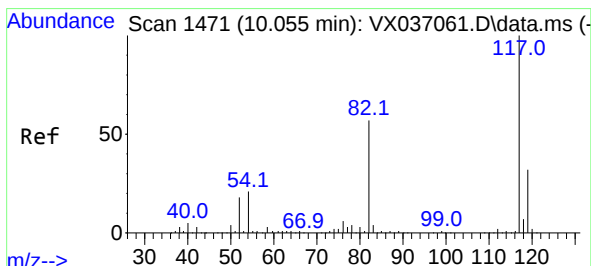
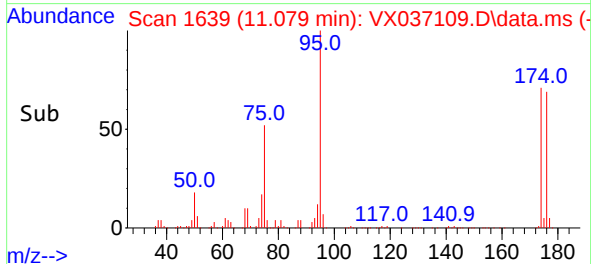
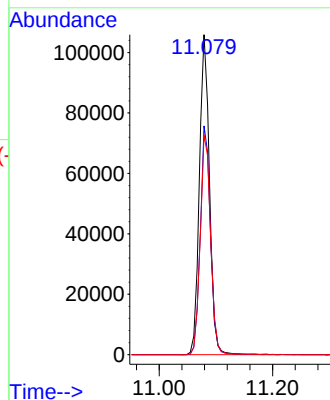
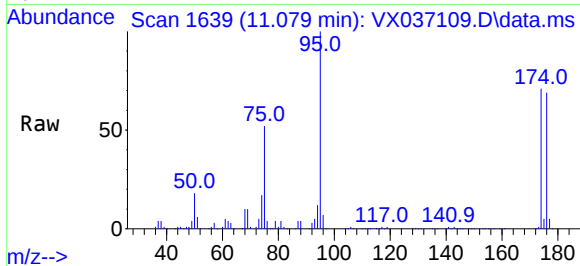




#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

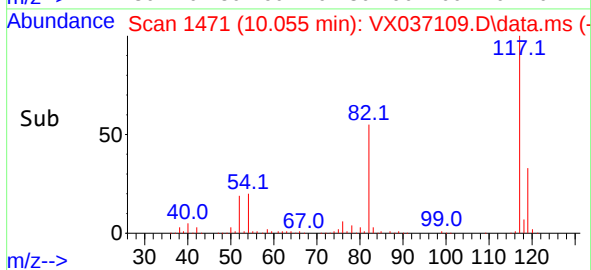
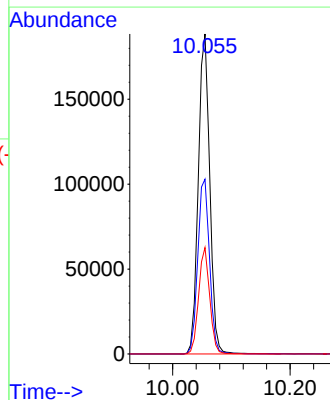
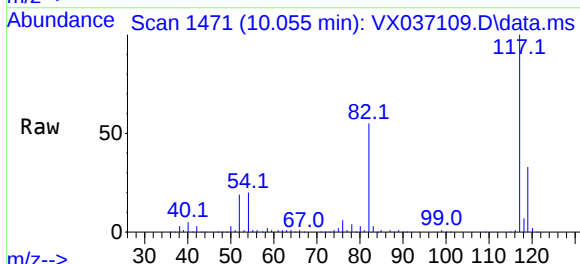
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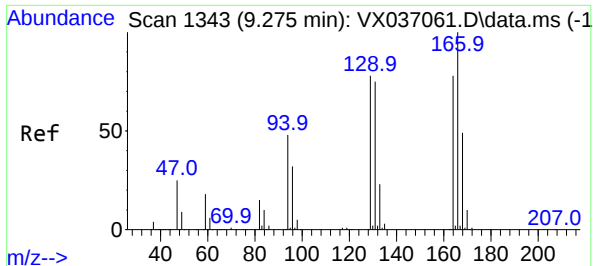
Tgt Ion: 95 Resp: 130561
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

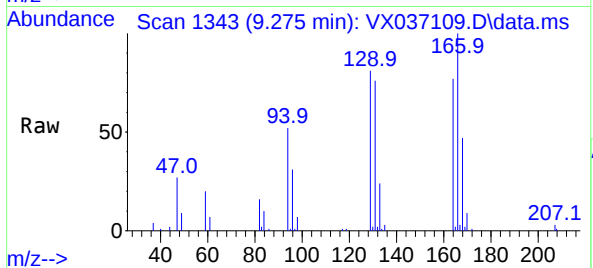
Tgt Ion: 117 Resp: 255664
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 33.2 25.5 38.3





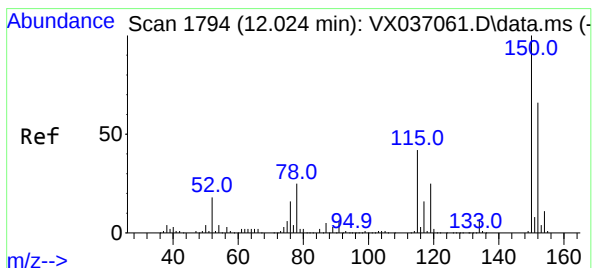
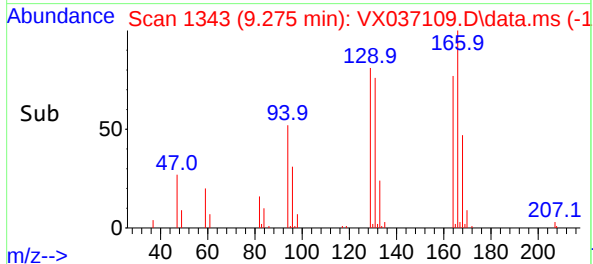
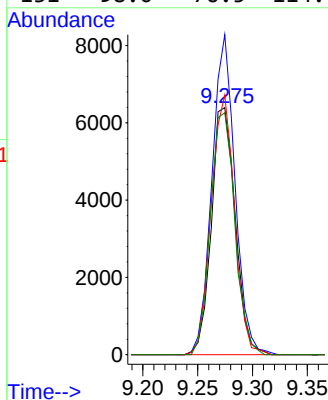
#64
Tetrachloroethene
Concen: 5.214 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 9724

Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.7	154.1
129	105.1	80.4	120.6
131	98.0	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037109.D
Acq: 19 Aug 2023 05:13

Tgt Ion:152 Resp: 119212

Ion	Ratio	Lower	Upper
152	100		
115	63.4	43.3	129.9
150	157.0	0.0	345.0

