

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037302.D
 Acq On : 28 Aug 2023 18:13
 Operator : JC/MD
 Sample : 04126-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20230819

Quant Time: Aug 29 01:01:47 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)

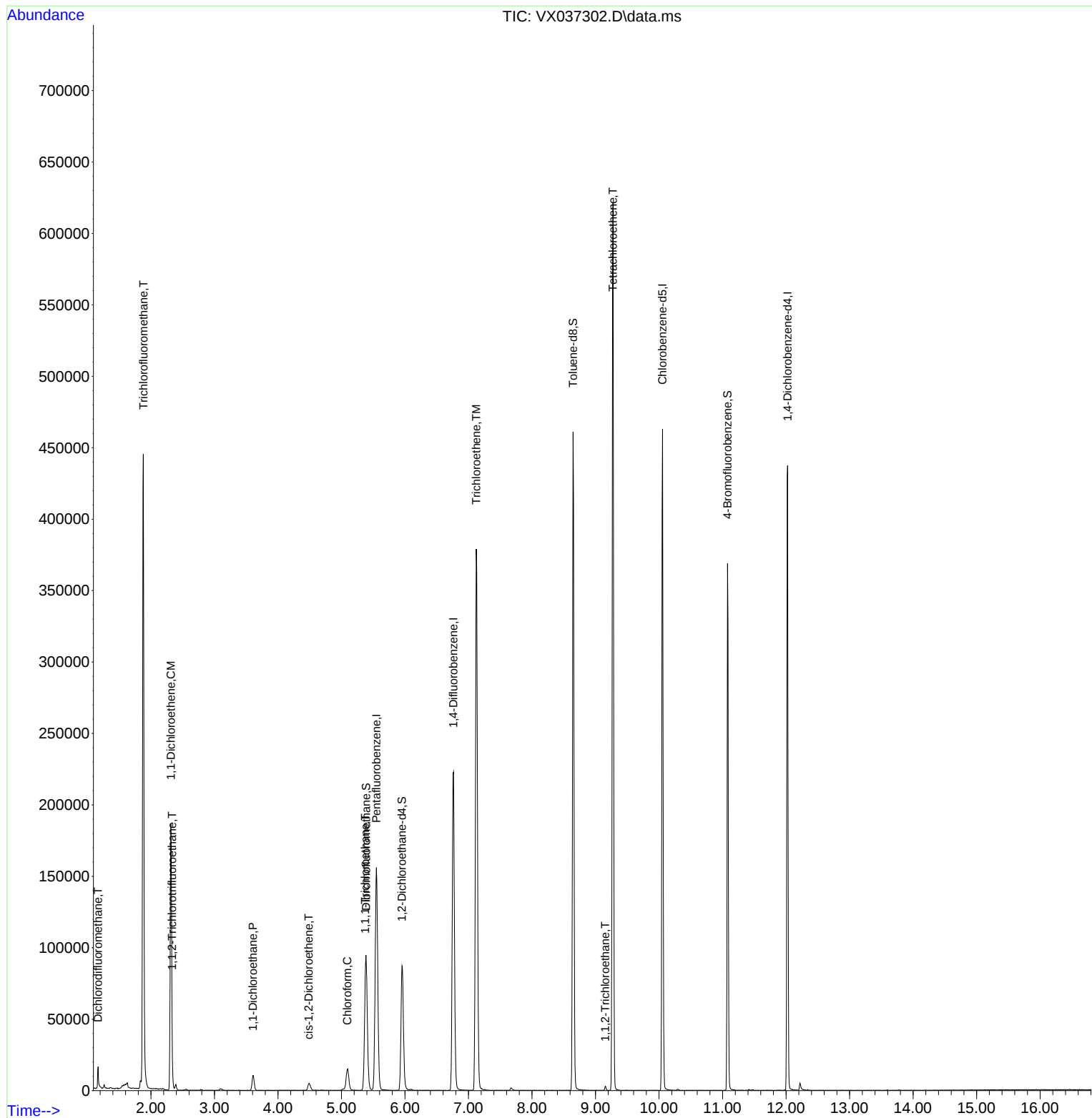
Internal Standards						
1) Pentafluorobenzene	5.550	168	144958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88161	42.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.380%
35) Dibromofluoromethane	5.385	113	73360	46.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	275746	47.905	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	102701	45.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	10612	6.302	ug/l	98
7) Trichlorofluoromethane	1.880	101	294150	111.986	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	2991	1.952	ug/l	95
12) 1,1-Dichloroethene	2.312	96	62936	42.177	ug/l	83
24) 1,1-Dichloroethane	3.605	63	12333	4.150	ug/l #	96
27) cis-1,2-Dichloroethene	4.483	96	3522	1.761	ug/l	81
30) Chloroform	5.092	83	19209	5.757	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	12729	4.257	ug/l	97
44) Trichloroethene	7.123	130	152936	83.416	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	853	0.490	ug/l #	92
64) Tetrachloroethene	9.275	164	116124	75.155	ug/l	98

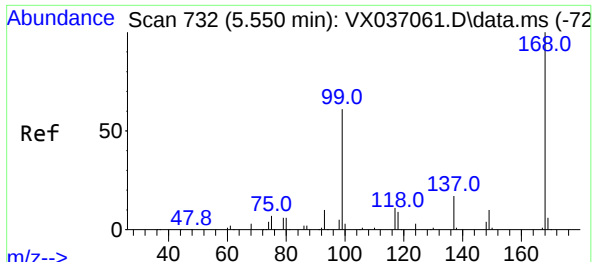
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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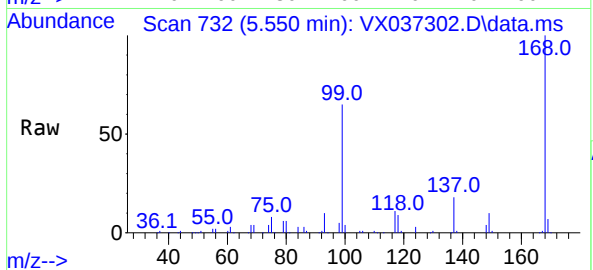
Quant Time: Aug 29 01:01:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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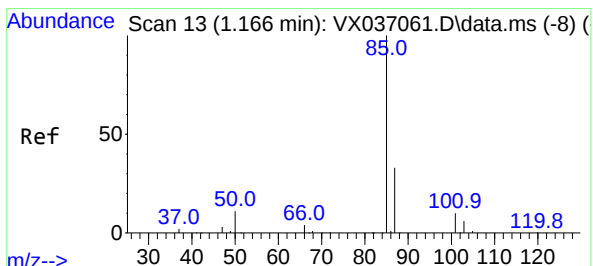
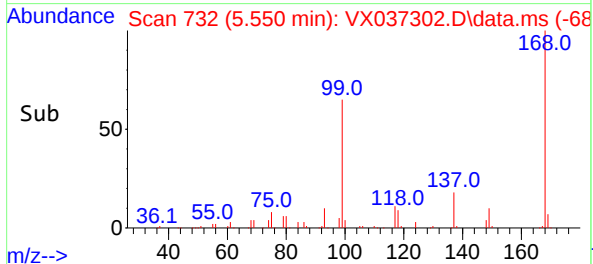
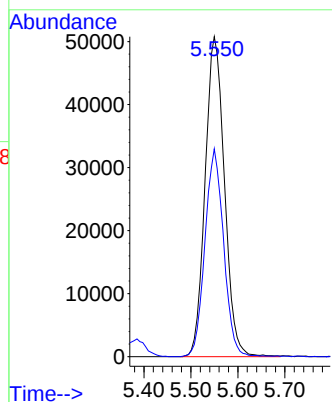


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
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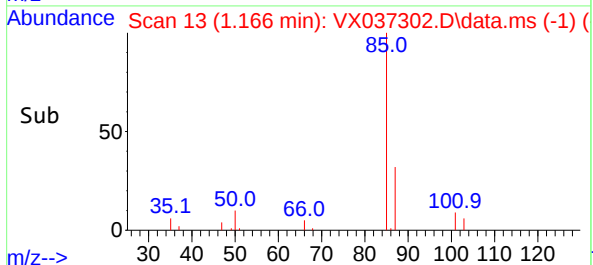
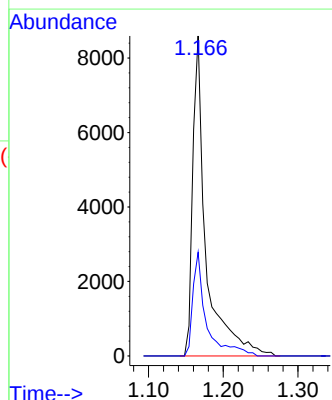
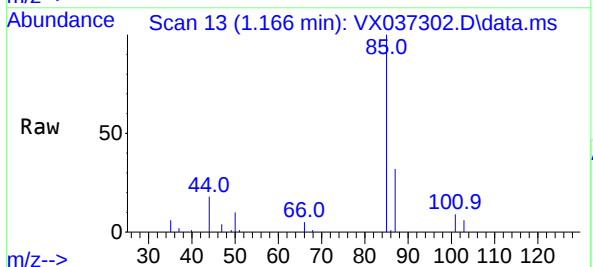


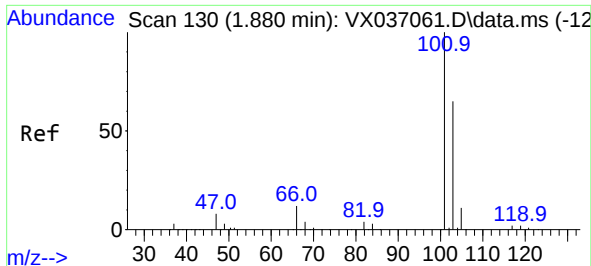
Tgt Ion:168 Resp: 144958
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 6.302 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 85 Resp: 10612
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

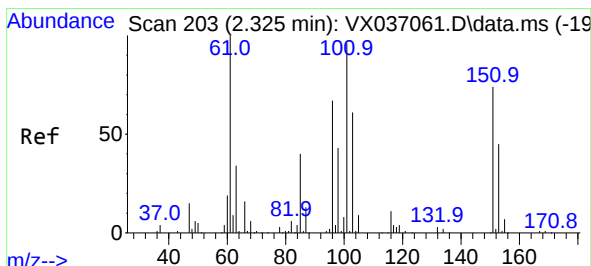
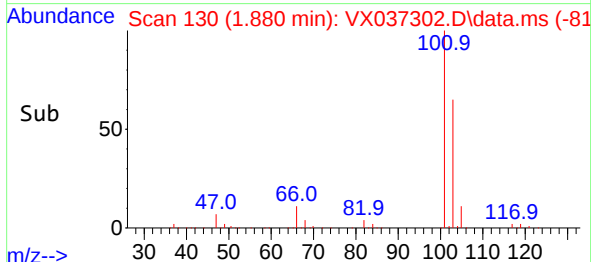
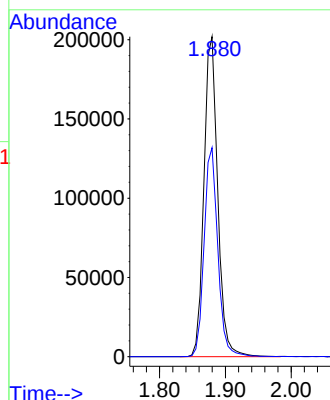
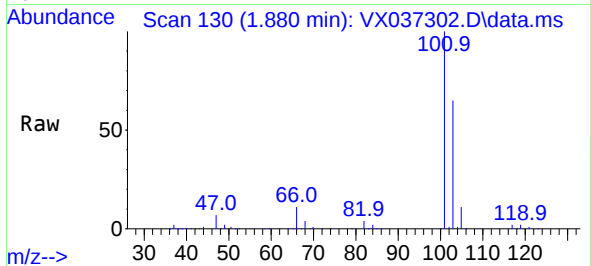




#7
Trichlorofluoromethane
Concen: 111.986 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

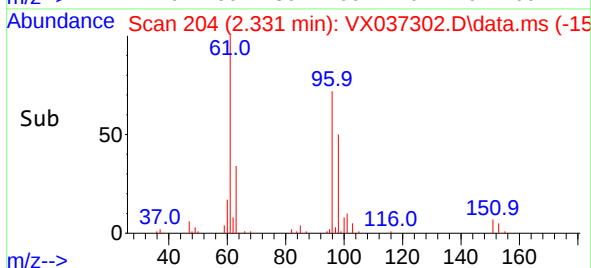
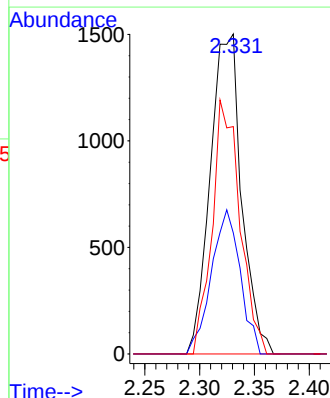
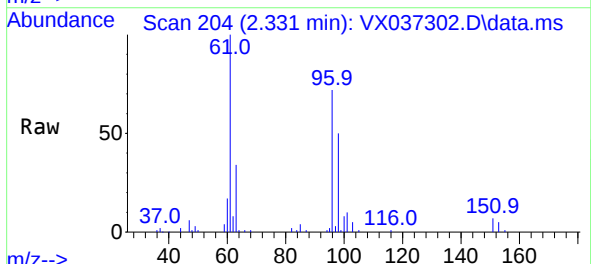
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20230819

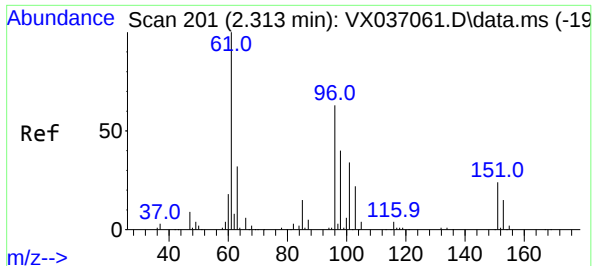
Tgt Ion:101 Resp: 294150
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.952 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion:101 Resp: 2991
Ion Ratio Lower Upper
101 100
85 41.4 37.0 55.6
151 70.2 58.6 87.8

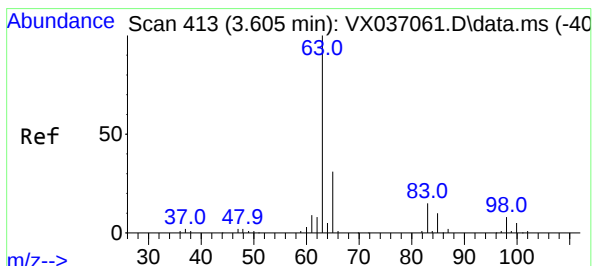
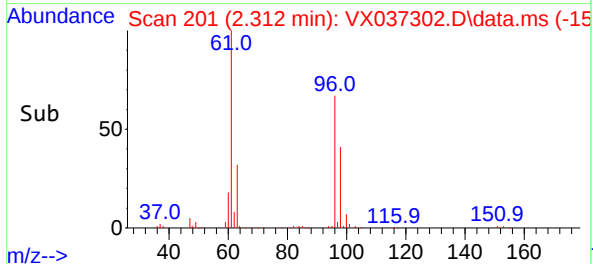
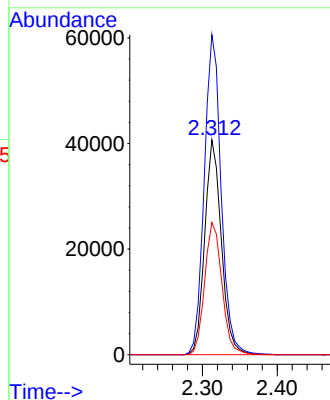
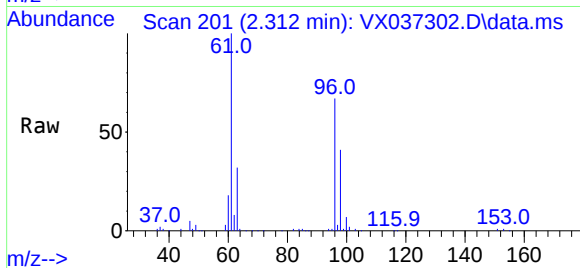




#12
1,1-Dichloroethene
Concen: 42.177 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

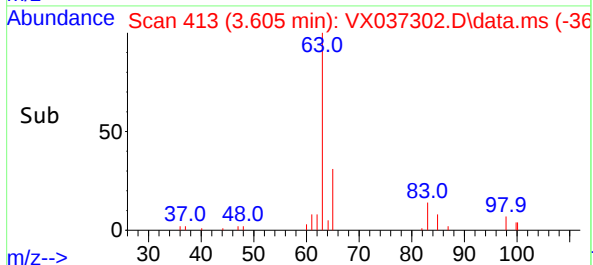
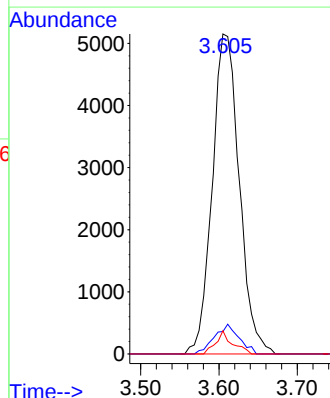
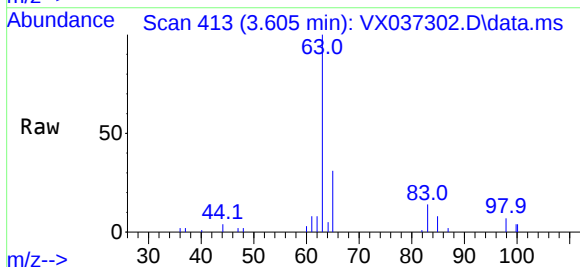
Instrument :
MSVOA_X
ClientSampleId :
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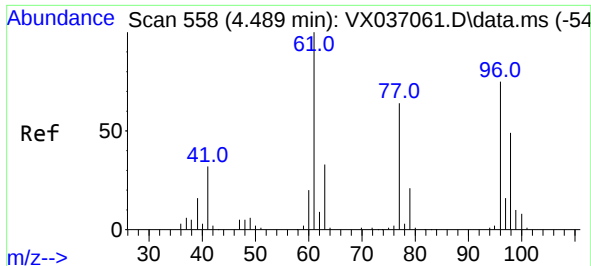
Tgt Ion:	96	Resp:	62936
Ion	Ratio	Lower	Upper
96	100		
61	148.9	144.6	216.8
98	61.5	50.4	75.6



#24
1,1-Dichloroethane
Concen: 4.150 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion:	63	Resp:	12333
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.8
100	7.2	2.1	6.5

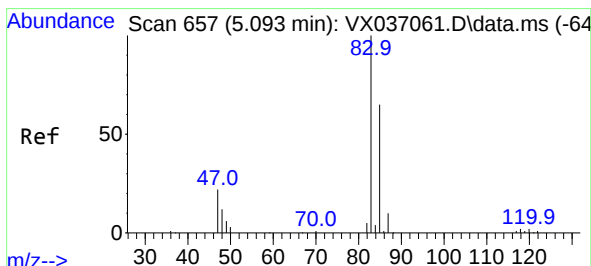
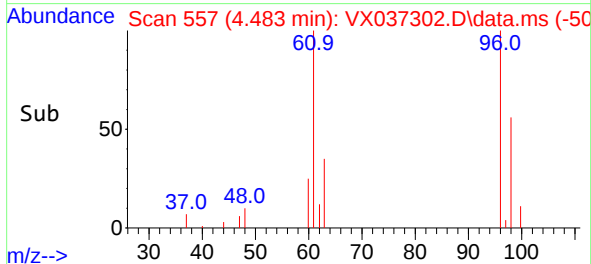
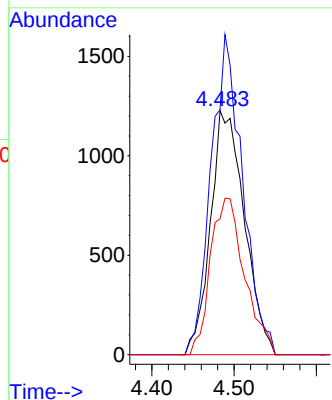
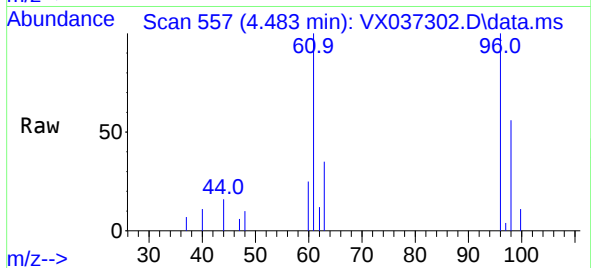




#27
 cis-1,2-Dichloroethene
 Concen: 1.761 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX037302.D
 Acq: 28 Aug 2023 18:13

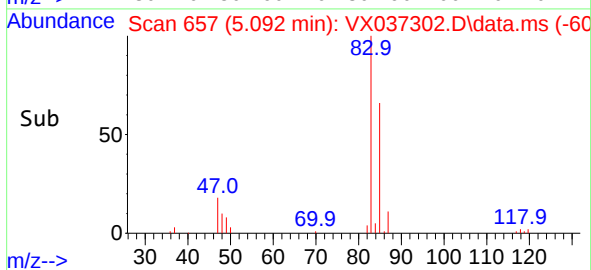
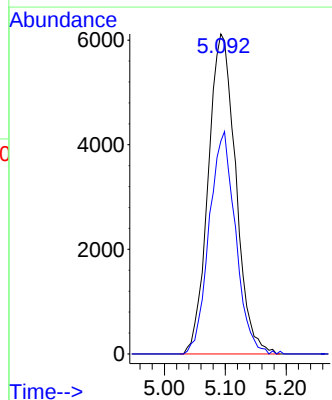
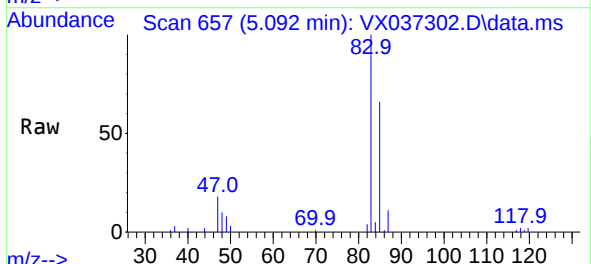
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20230819

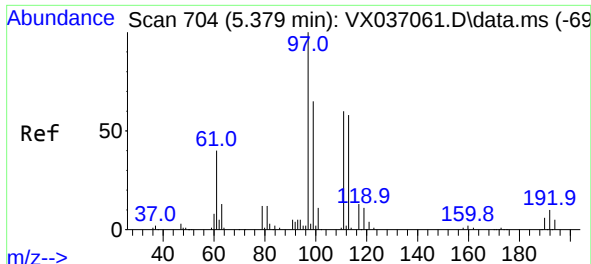
Tgt Ion: 96 Resp: 3522
 Ion Ratio Lower Upper
 96 100
 61 121.3 0.0 312.2
 98 64.5 0.0 129.0



#30
 Chloroform
 Concen: 5.757 ug/l
 RT: 5.092 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX037302.D
 Acq: 28 Aug 2023 18:13

Tgt Ion: 83 Resp: 19209
 Ion Ratio Lower Upper
 83 100
 85 66.5 50.3 75.5

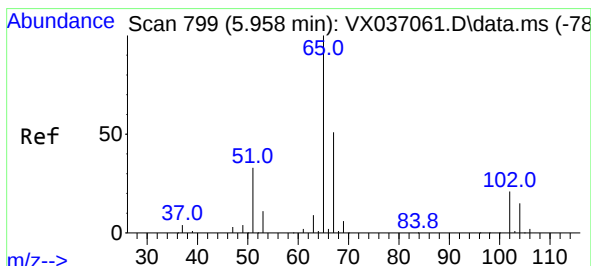
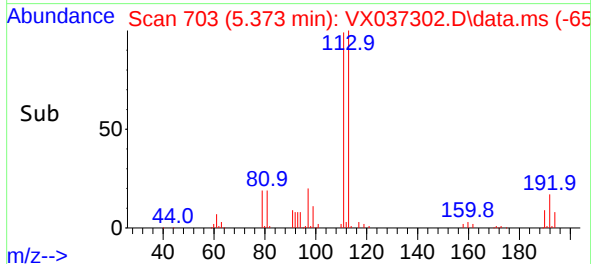
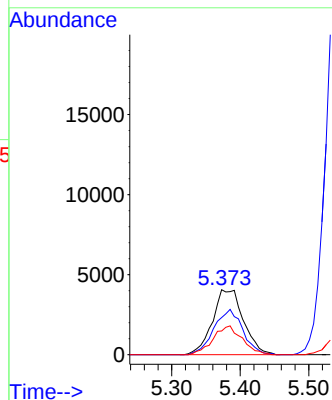
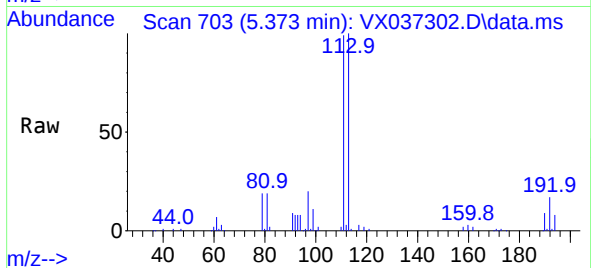




#32
1,1,1-Trichloroethane
Concen: 4.257 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

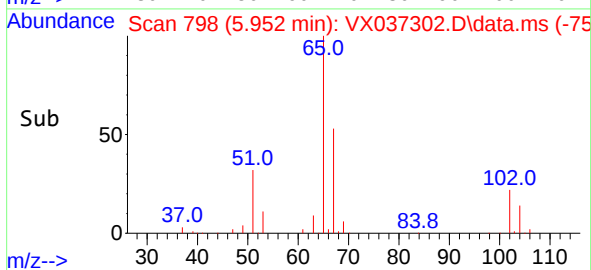
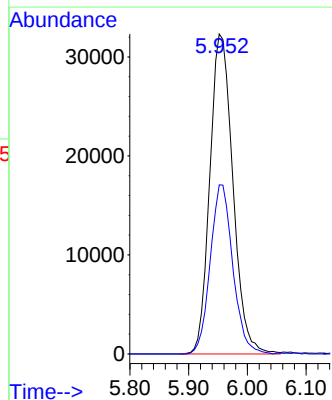
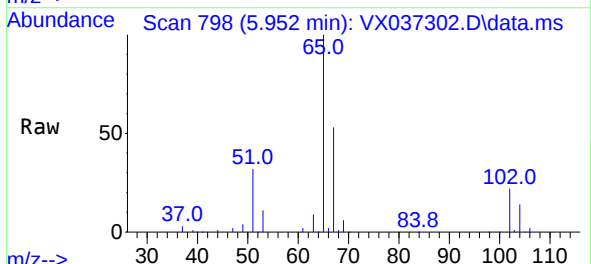
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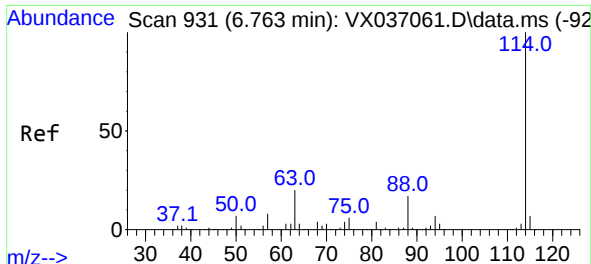
Tgt Ion: 97 Resp: 12729
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 41.6 36.4 54.6



#33
1,2-Dichloroethane-d4
Concen: 42.186 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 65 Resp: 88161
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

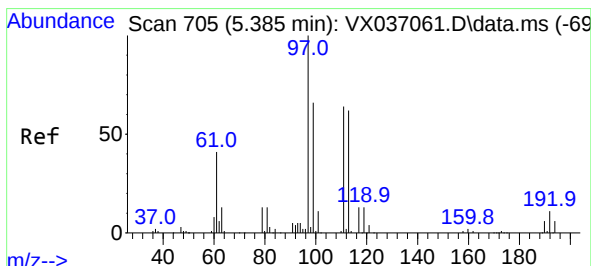
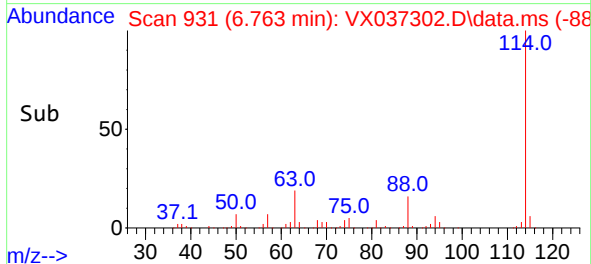
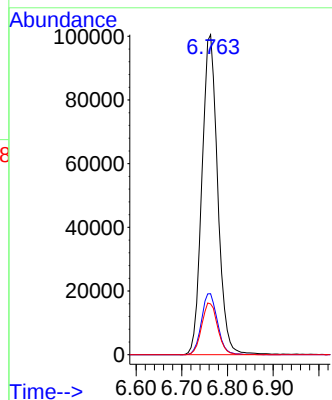
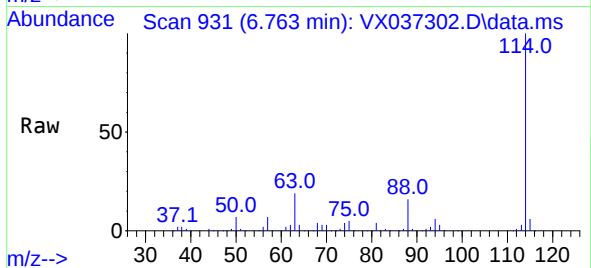




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

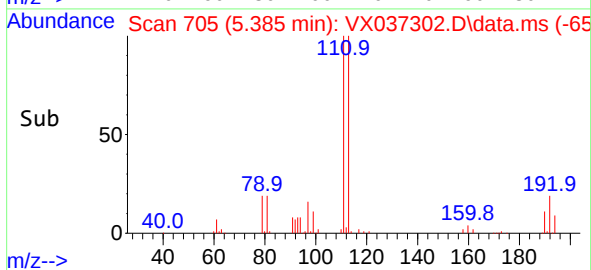
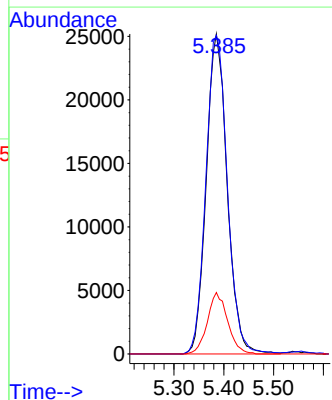
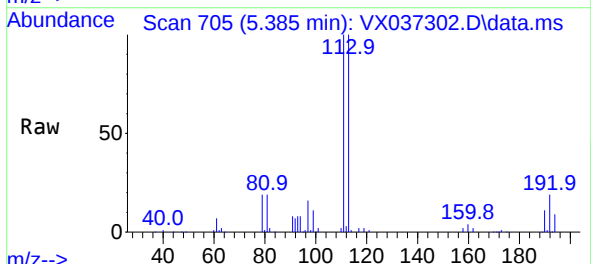
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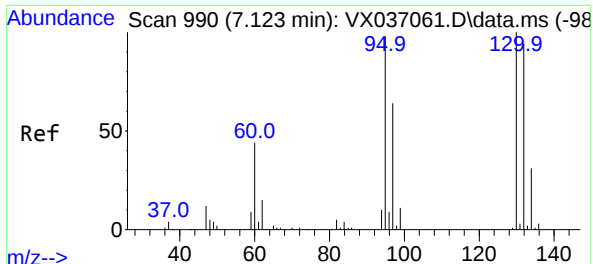
Tgt Ion:114 Resp: 239604
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

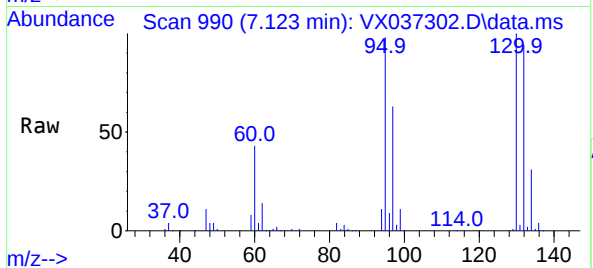
Tgt Ion:113 Resp: 73360
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.6 13.3 19.9



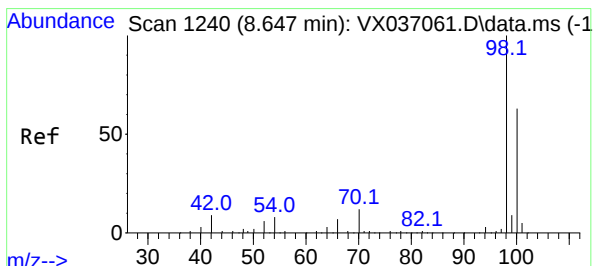
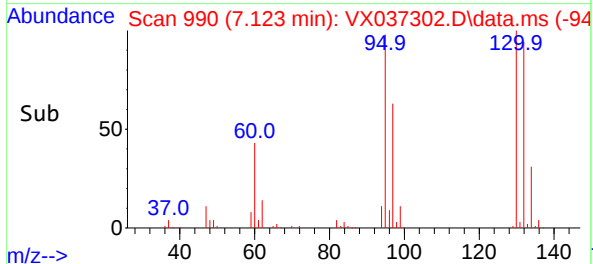
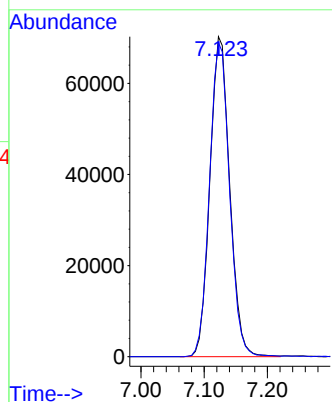


#44
Trichloroethene
Concen: 83.416 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Instrument :
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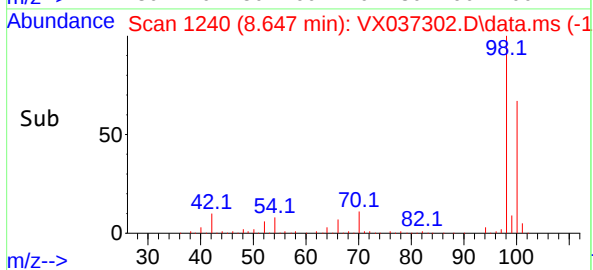
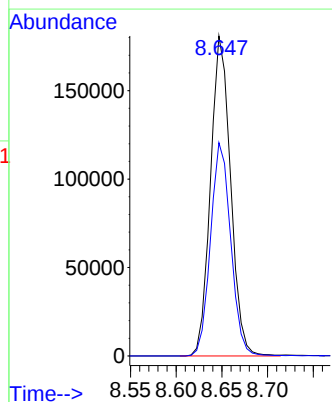
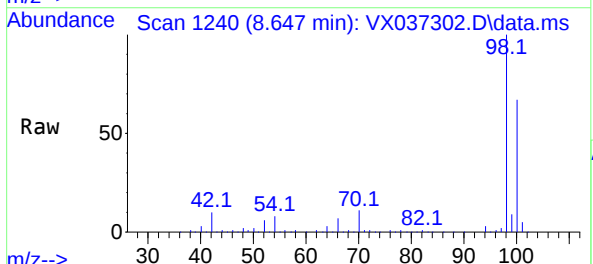


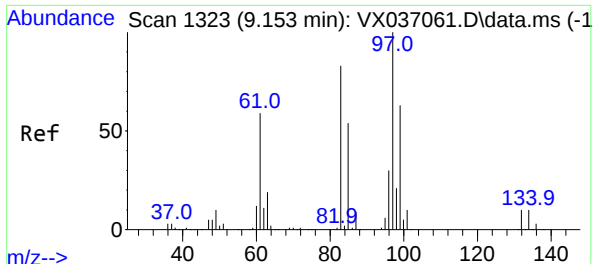
Tgt Ion:130 Resp: 152936
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.4



#50
Toluene-d8
Concen: 47.905 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 98 Resp: 275746
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



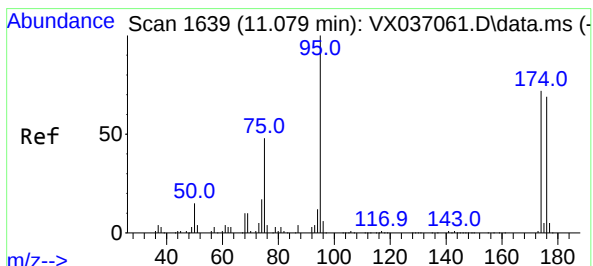
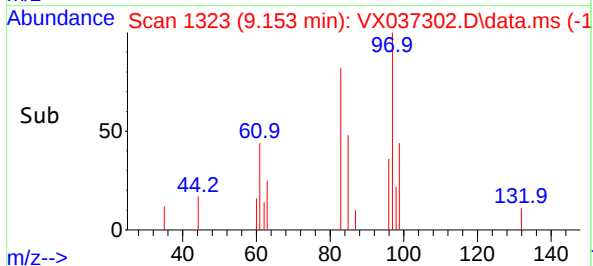
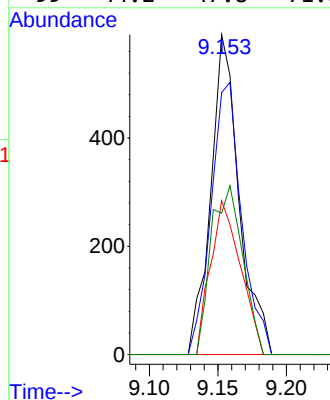
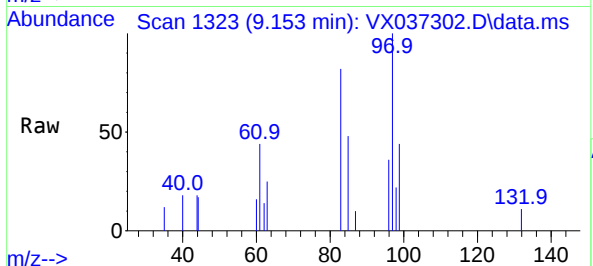


#55
1,1,2-Trichloroethane
Concen: 0.490 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20230819

Tgt Ion: 97 Resp: 853

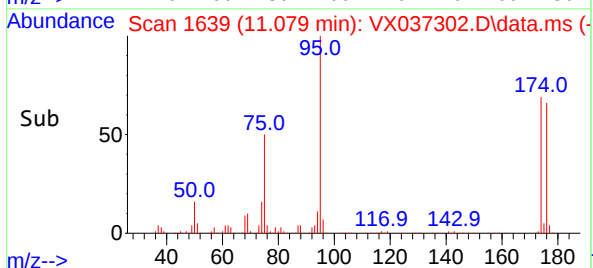
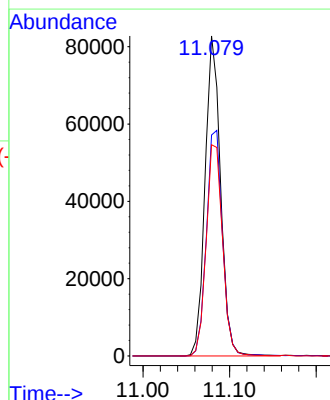
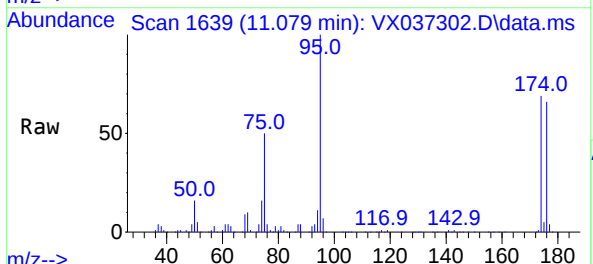
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.8	98.8
85	48.1	41.6	62.4
99	44.2	47.8	71.8

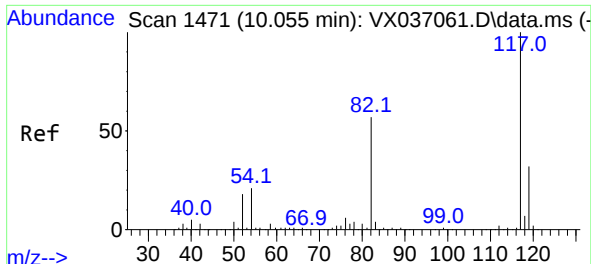


#62
4-Bromofluorobenzene
Concen: 45.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 95 Resp: 102701

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	135.6
176	70.0	0.0	131.0



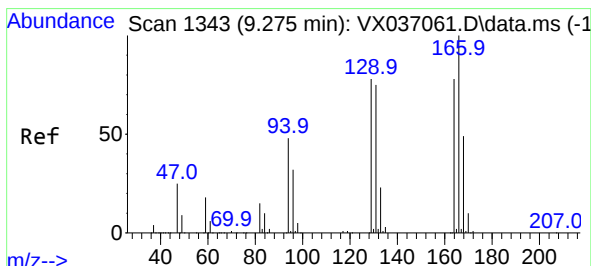
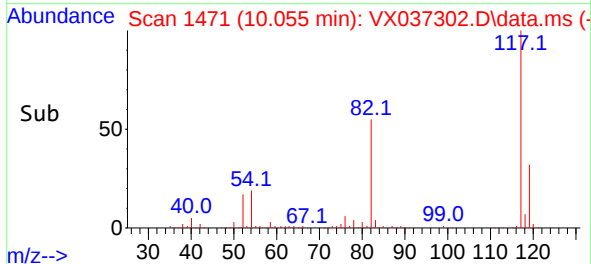
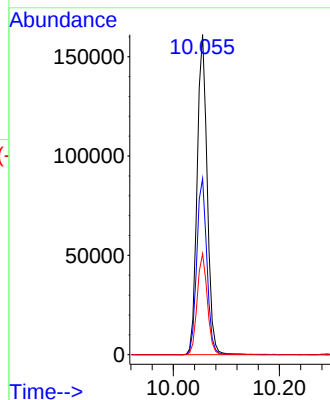
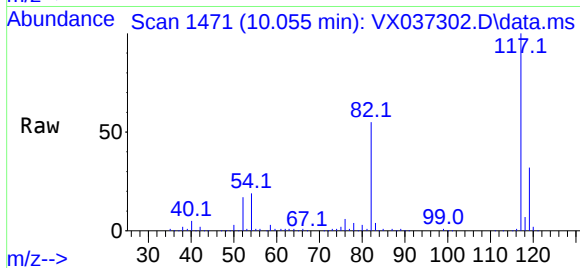


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Instrument : MSVOA_X
ClientSampleId : MW201D-20230819

Tgt Ion:117 Resp: 211804

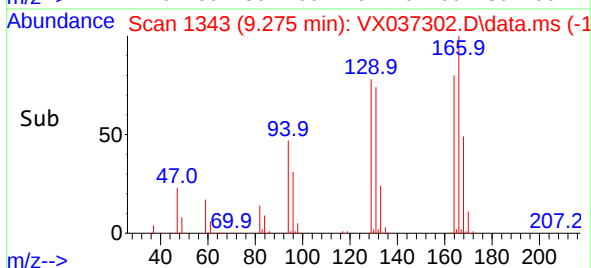
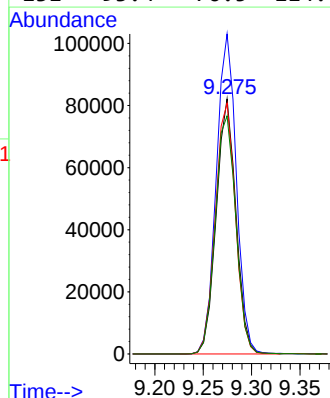
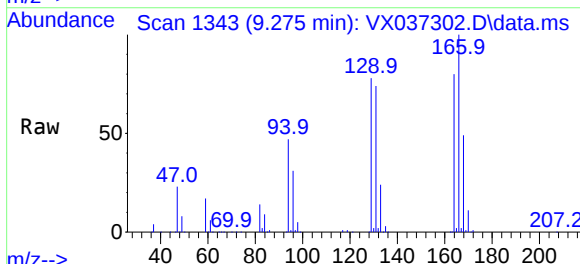
Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.2	69.4
119	31.6	25.5	38.3

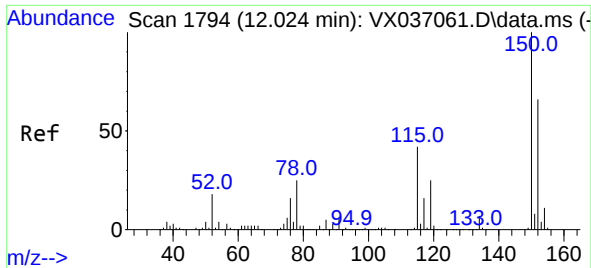


#64
Tetrachloroethene
Concen: 75.155 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037302.D
Acq: 28 Aug 2023 18:13

Tgt Ion:164 Resp: 116124

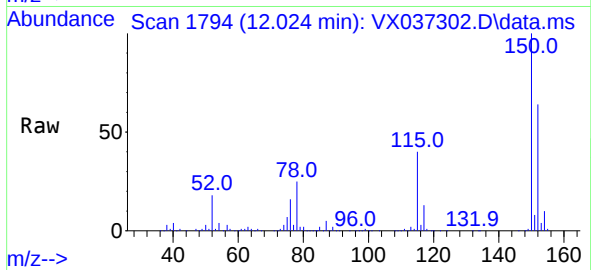
Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.7	154.1
129	98.3	80.4	120.6
131	93.4	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037302.D
 Acq: 28 Aug 2023 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20230819



Tgt Ion:152 Resp: 92972
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.3 129.9
 150 157.6 0.0 345.0

