

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037314.D
 Acq On : 29 Aug 2023 02:45
 Operator : JC/MD
 Sample : 04126-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20230820

Quant Time: Aug 29 05:31:46 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)

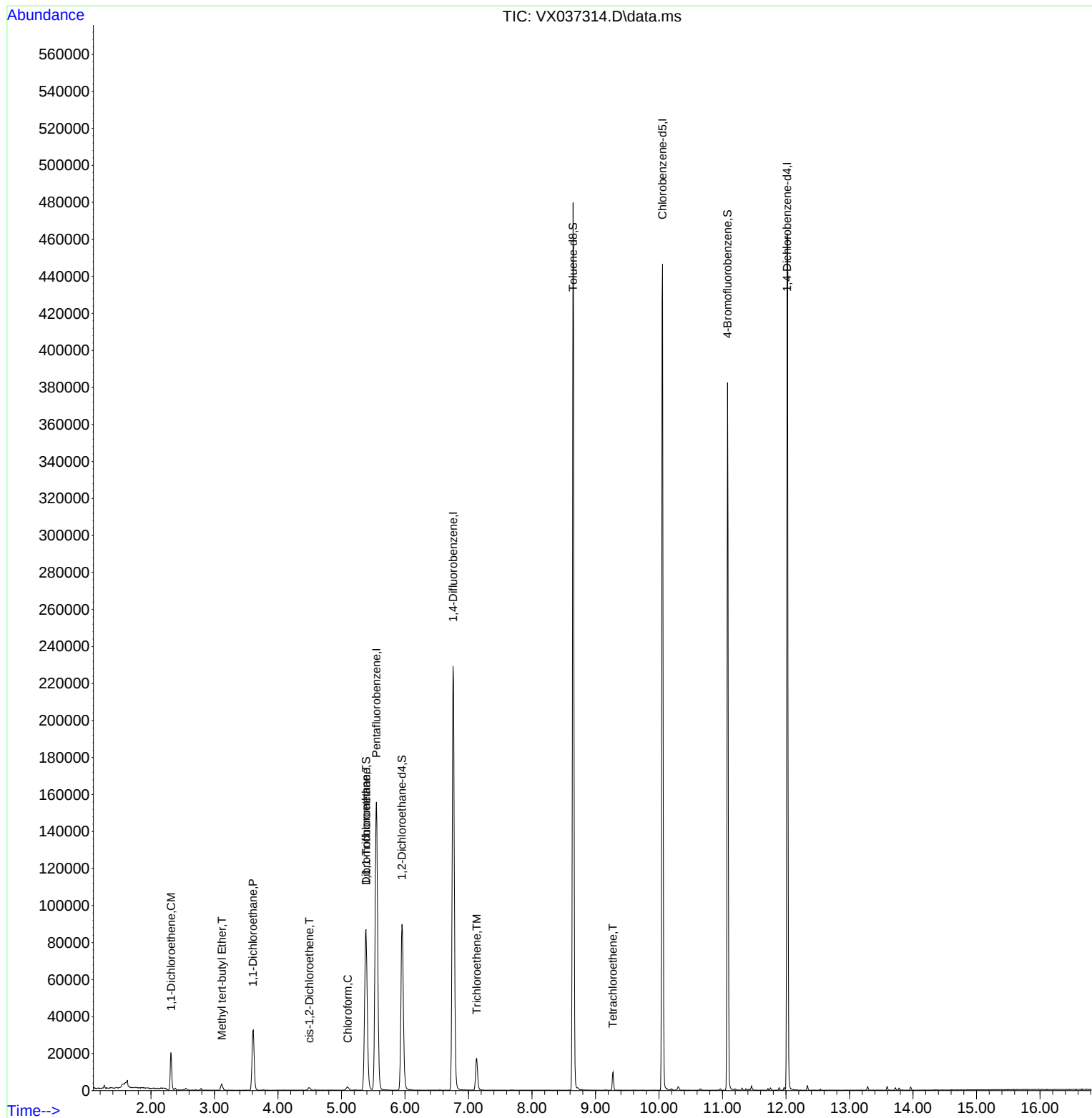
Internal Standards						
1) Pentafluorobenzene	5.550	168	147304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	243694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90119	42.436	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.880%
35) Dibromofluoromethane	5.385	113	73710	45.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	284362	48.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	103668	45.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	7250	4.781	ug/l #	77
19) Methyl tert-butyl Ether	3.117	73	3894	0.677	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	37077	12.276	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1083	0.533	ug/l	69
30) Chloroform	5.099	83	2413	0.712	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	5120	1.685	ug/l	94
44) Trichloroethene	7.129	130	7480	4.011	ug/l	92
64) Tetrachloroethene	9.275	164	1799	1.144	ug/l	91

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

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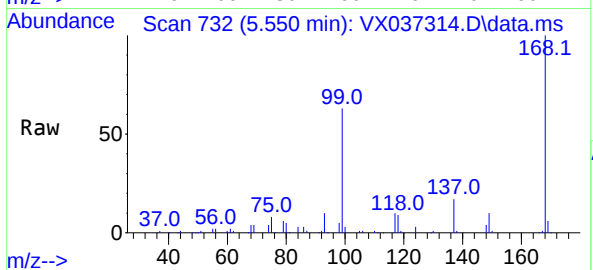
Quant Time: Aug 29 05:31:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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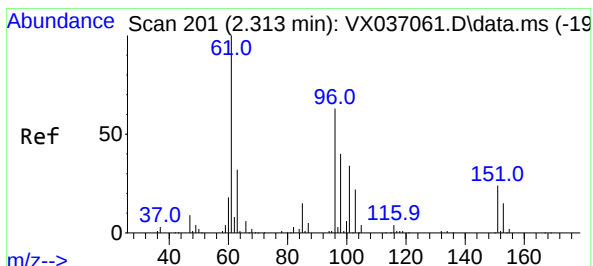
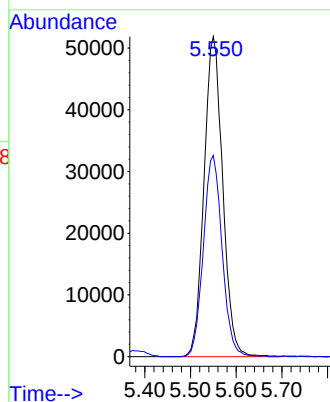
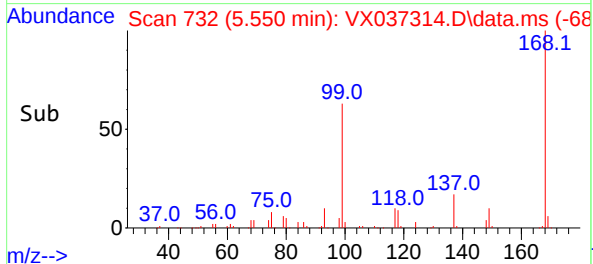


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

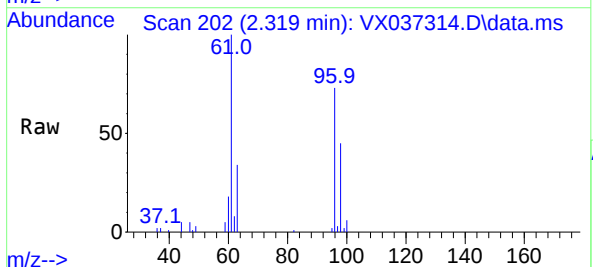
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20230820



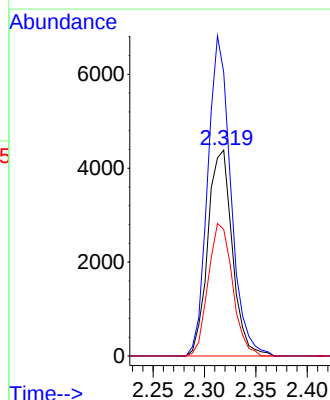
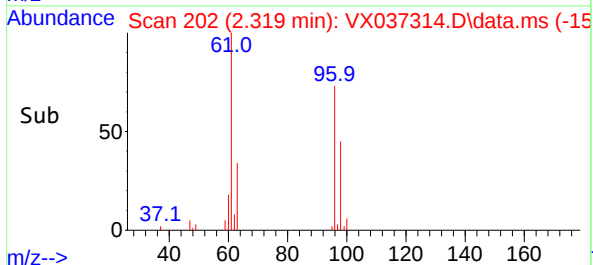
Tgt Ion:168 Resp: 147304
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0

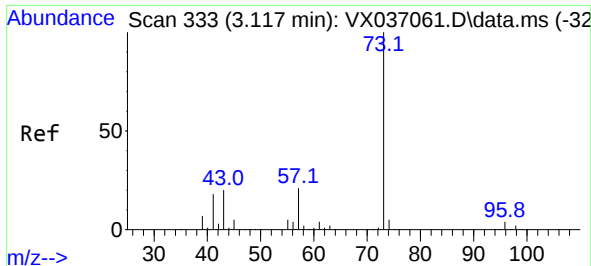


#12
1,1-Dichloroethene
Concen: 4.781 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45



Tgt Ion: 96 Resp: 7250
Ion Ratio Lower Upper
96 100
61 137.6 144.6 216.8#
98 61.4 50.4 75.6

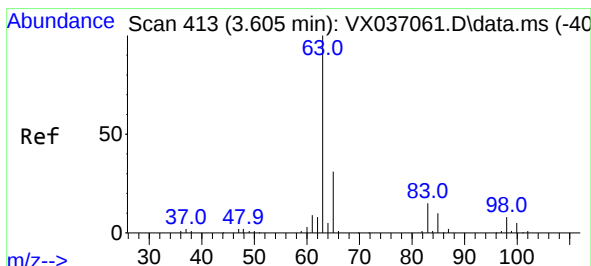
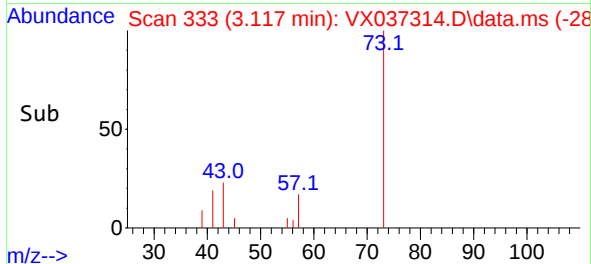
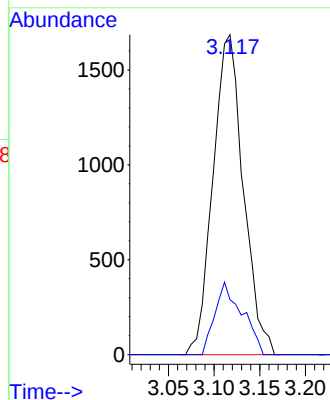
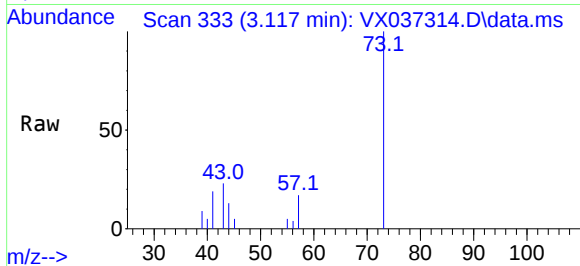




#19
Methyl tert-butyl Ether
Concen: 0.677 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

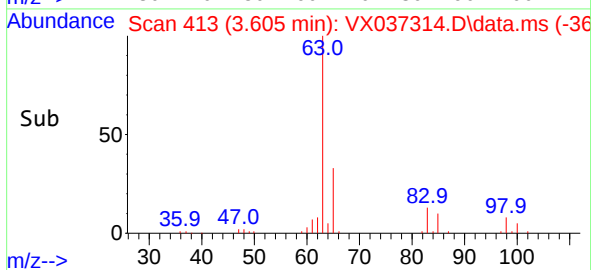
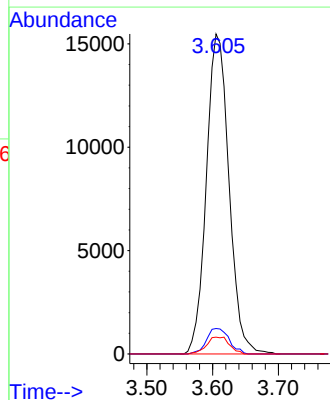
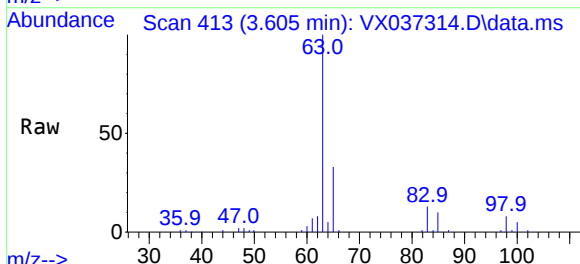
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20230820

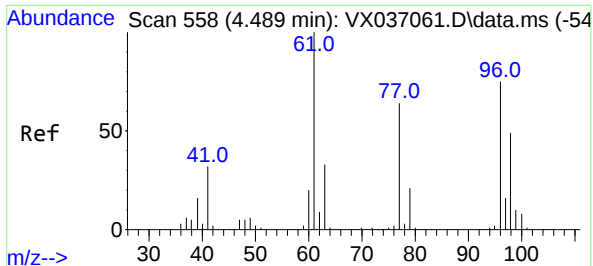
Tgt Ion: 73 Resp: 3894
Ion Ratio Lower Upper
73 100
57 17.2 17.3 25.9#



#24
1,1-Dichloroethane
Concen: 12.276 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Tgt Ion: 63 Resp: 37077
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.8
100 5.2 2.1 6.5



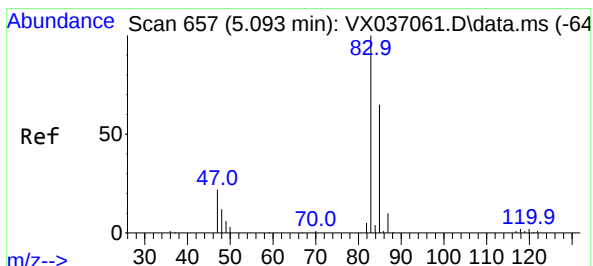
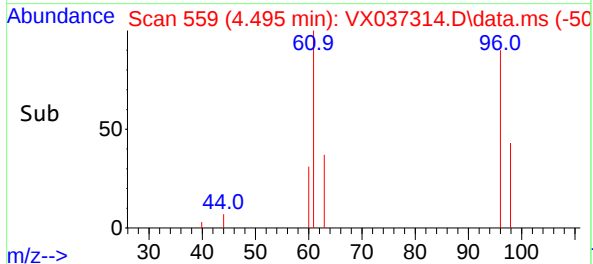
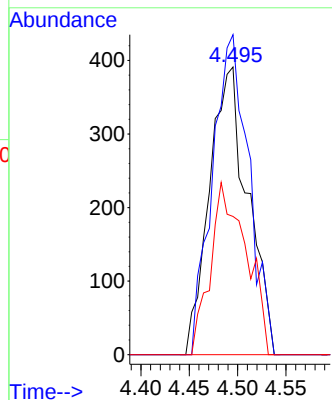
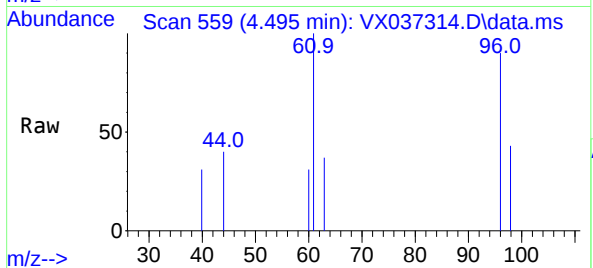


#27
 cis-1,2-Dichloroethene
 Concen: 0.533 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX037314.D
 Acq: 29 Aug 2023 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20230820

Tgt Ion: 96 Resp: 1083

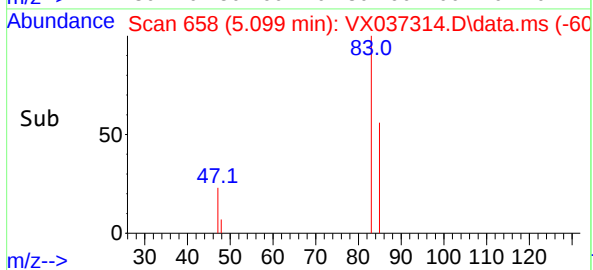
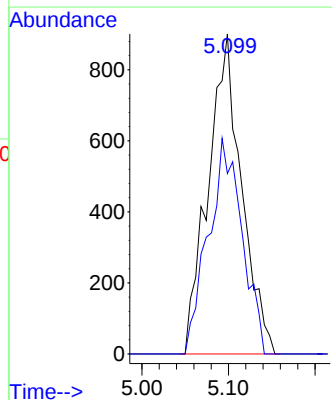
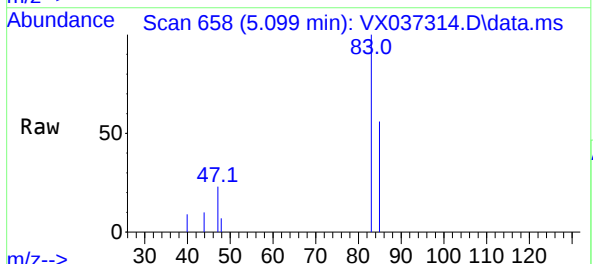
Ion	Ratio	Lower	Upper
96	100		
61	105.2	0.0	312.2
98	55.8	0.0	129.0

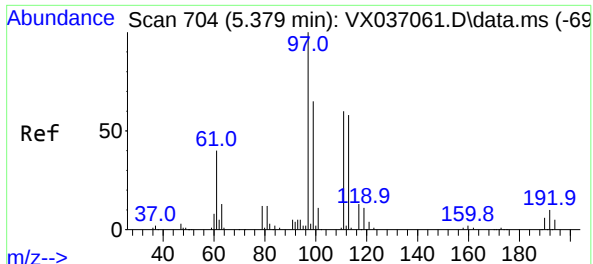


#30
 Chloroform
 Concen: 0.712 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX037314.D
 Acq: 29 Aug 2023 02:45

Tgt Ion: 83 Resp: 2413

Ion	Ratio	Lower	Upper
83	100		
85	56.4	50.3	75.5

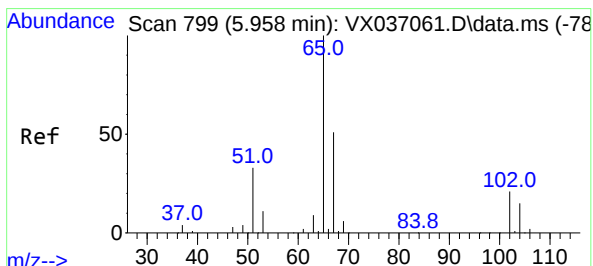
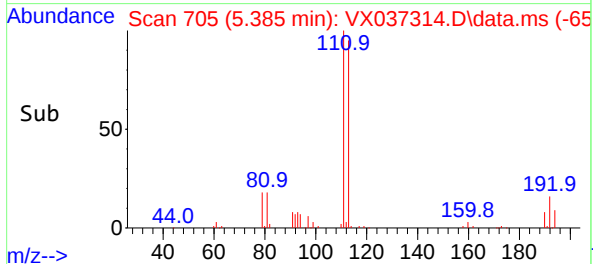
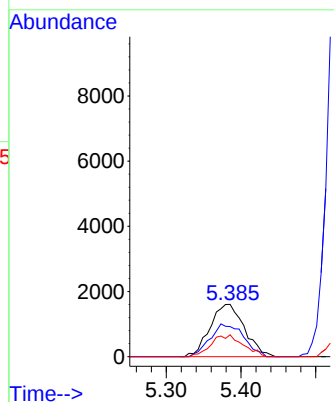
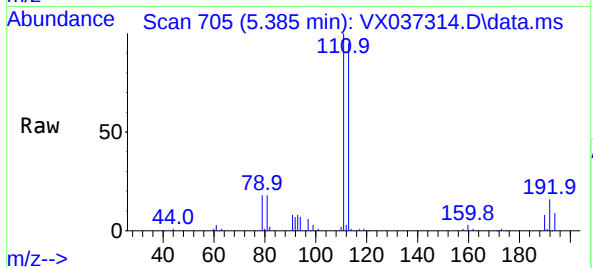




#32
1,1,1-Trichloroethane
Concen: 1.685 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

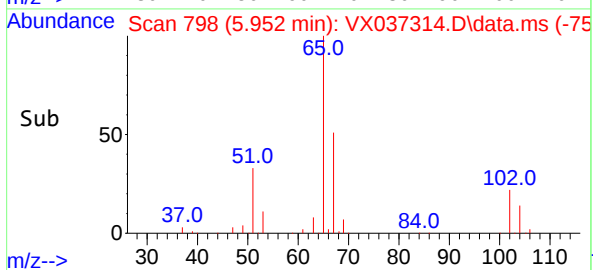
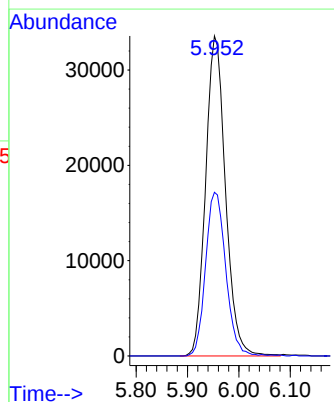
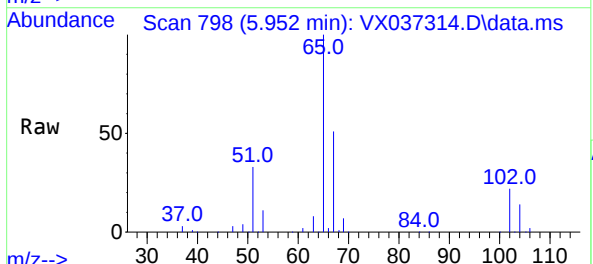
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20230820

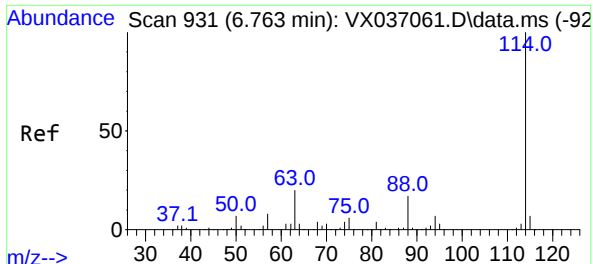
Tgt Ion:	97	Resp:	5120
Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.1	76.7
61	38.7	36.4	54.6



#33
1,2-Dichloroethane-d4
Concen: 42.436 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Tgt Ion:	65	Resp:	90119
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.2

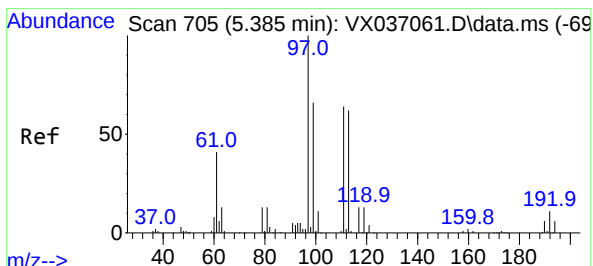
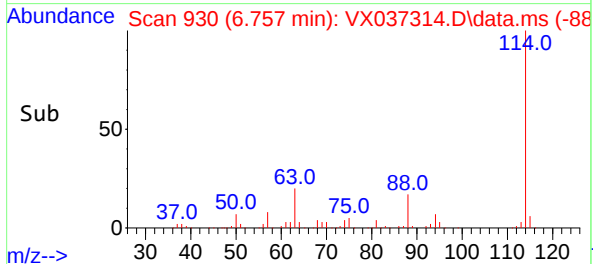
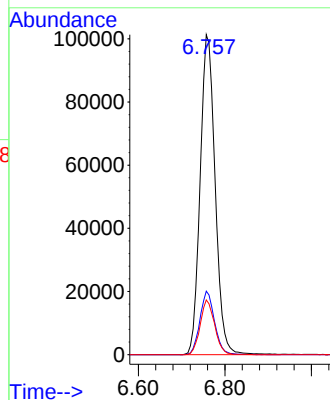
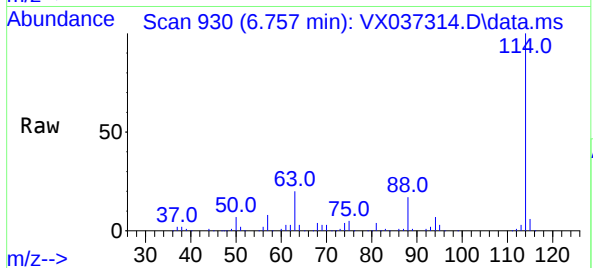




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

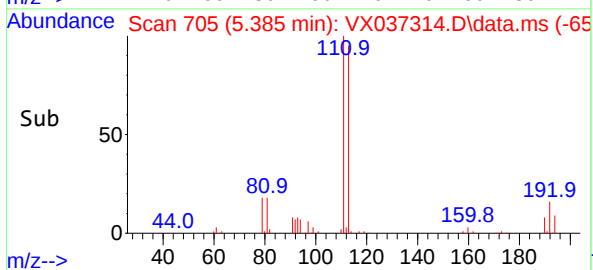
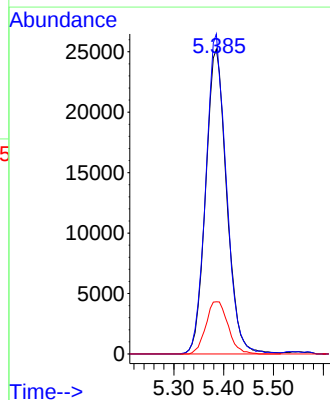
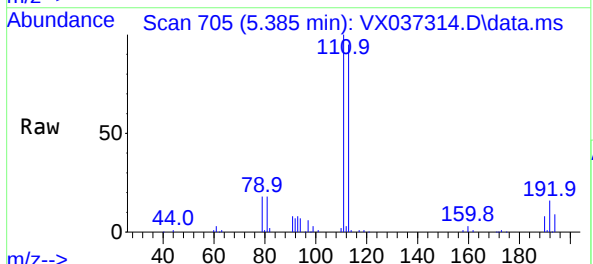
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ClientSampleId :
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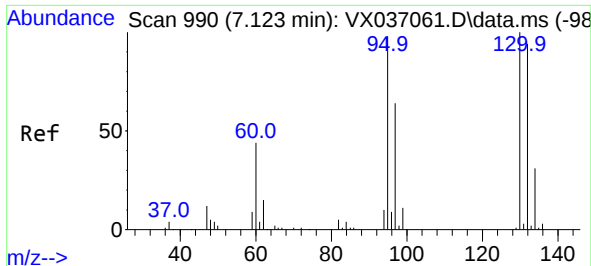
Tgt Ion:114 Resp: 243694
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Tgt Ion:113 Resp: 73710
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9

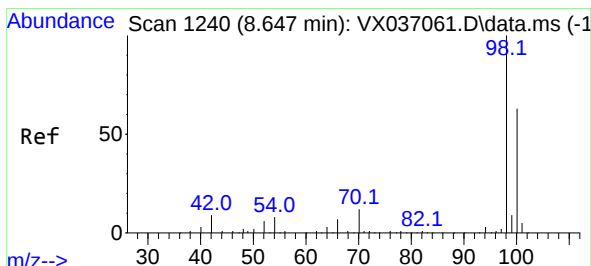
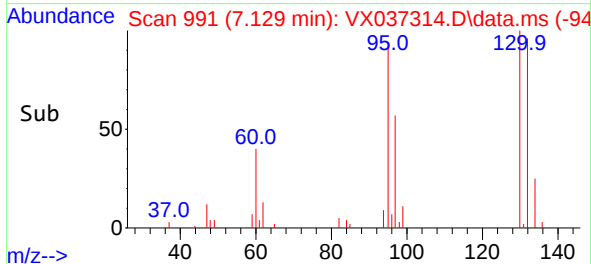
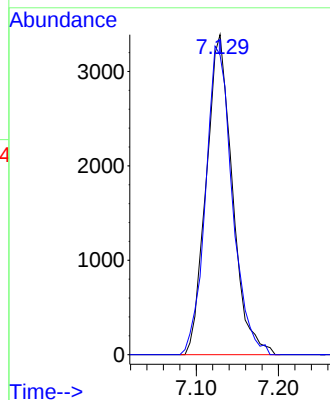
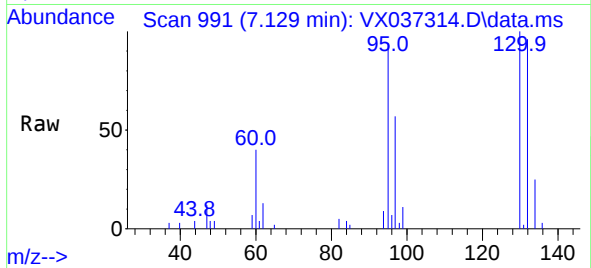




#44
Trichloroethene
Concen: 4.011 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

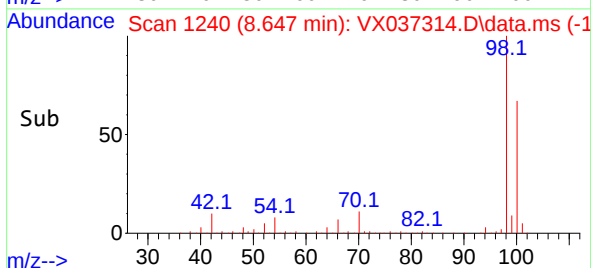
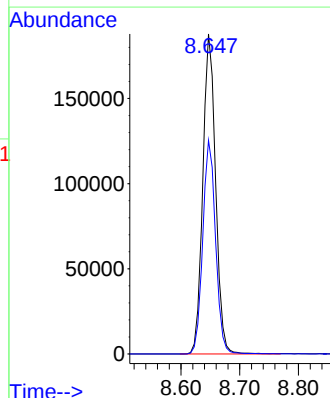
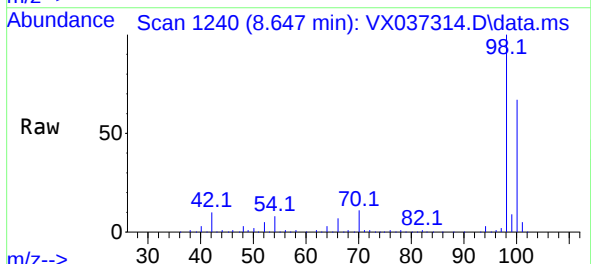
Instrument :
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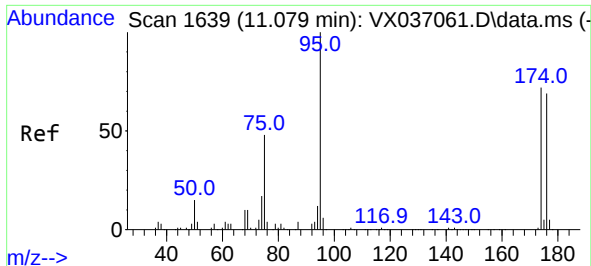
Tgt Ion:130 Resp: 7480
Ion Ratio Lower Upper
130 100
95 93.6 0.0 204.4



#50
Toluene-d8
Concen: 48.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Tgt Ion: 98 Resp: 284362
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

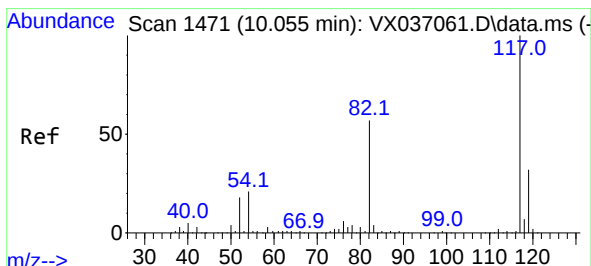
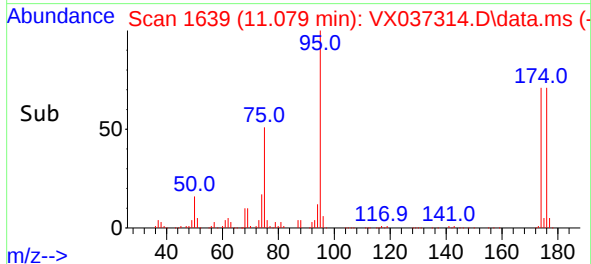
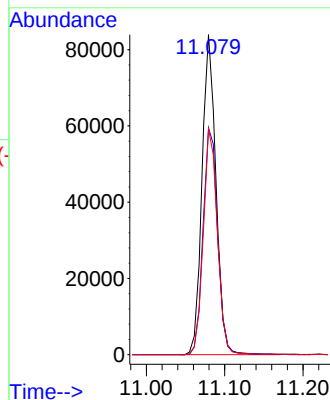
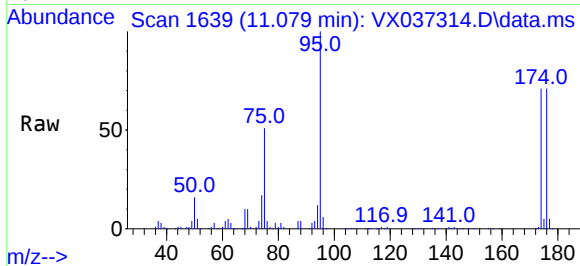




#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

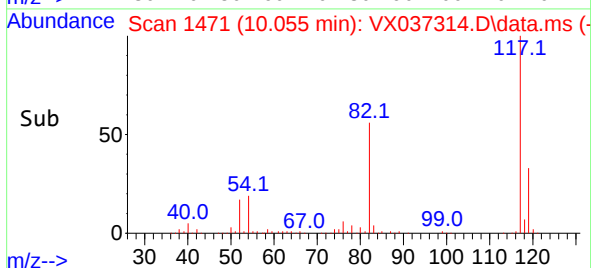
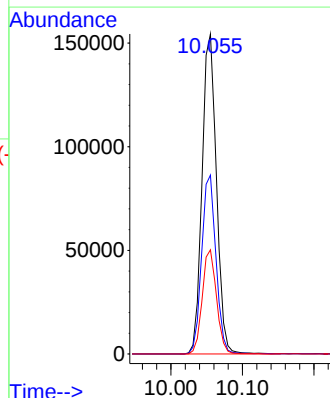
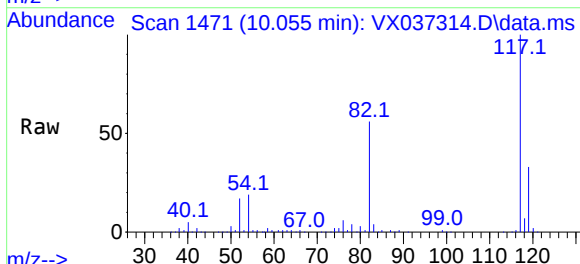
Instrument :
MSVOA_X
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MW203D1-20230820

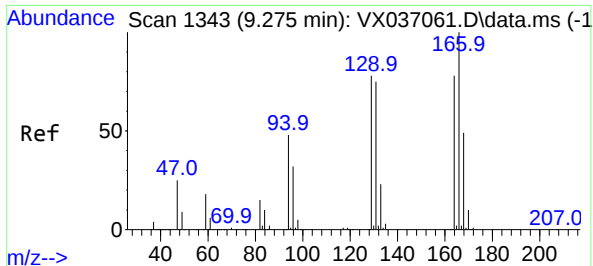
Tgt Ion: 95 Resp: 103668
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

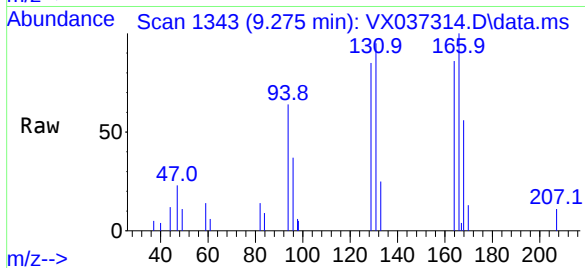
Tgt Ion: 117 Resp: 215618
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.6 25.5 38.3





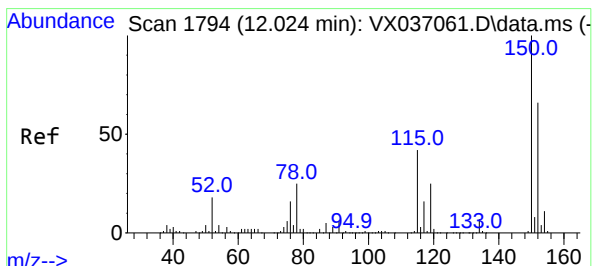
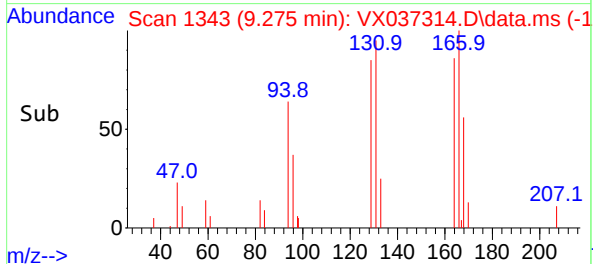
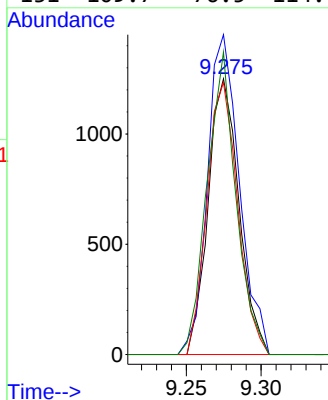
#64
Tetrachloroethene
Concen: 1.144 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20230820



Tgt Ion:164 Resp: 1799

Ion	Ratio	Lower	Upper
164	100		
166	116.0	102.7	154.1
129	98.7	80.4	120.6
131	109.7	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037314.D
Acq: 29 Aug 2023 02:45

Tgt Ion:152 Resp: 96144

Ion	Ratio	Lower	Upper
152	100		
115	63.3	43.3	129.9
150	158.0	0.0	345.0

