

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037303.D
 Acq On : 28 Aug 2023 18:37
 Operator : JC/MD
 Sample : 04126-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819

Quant Time: Aug 29 01:02:12 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)

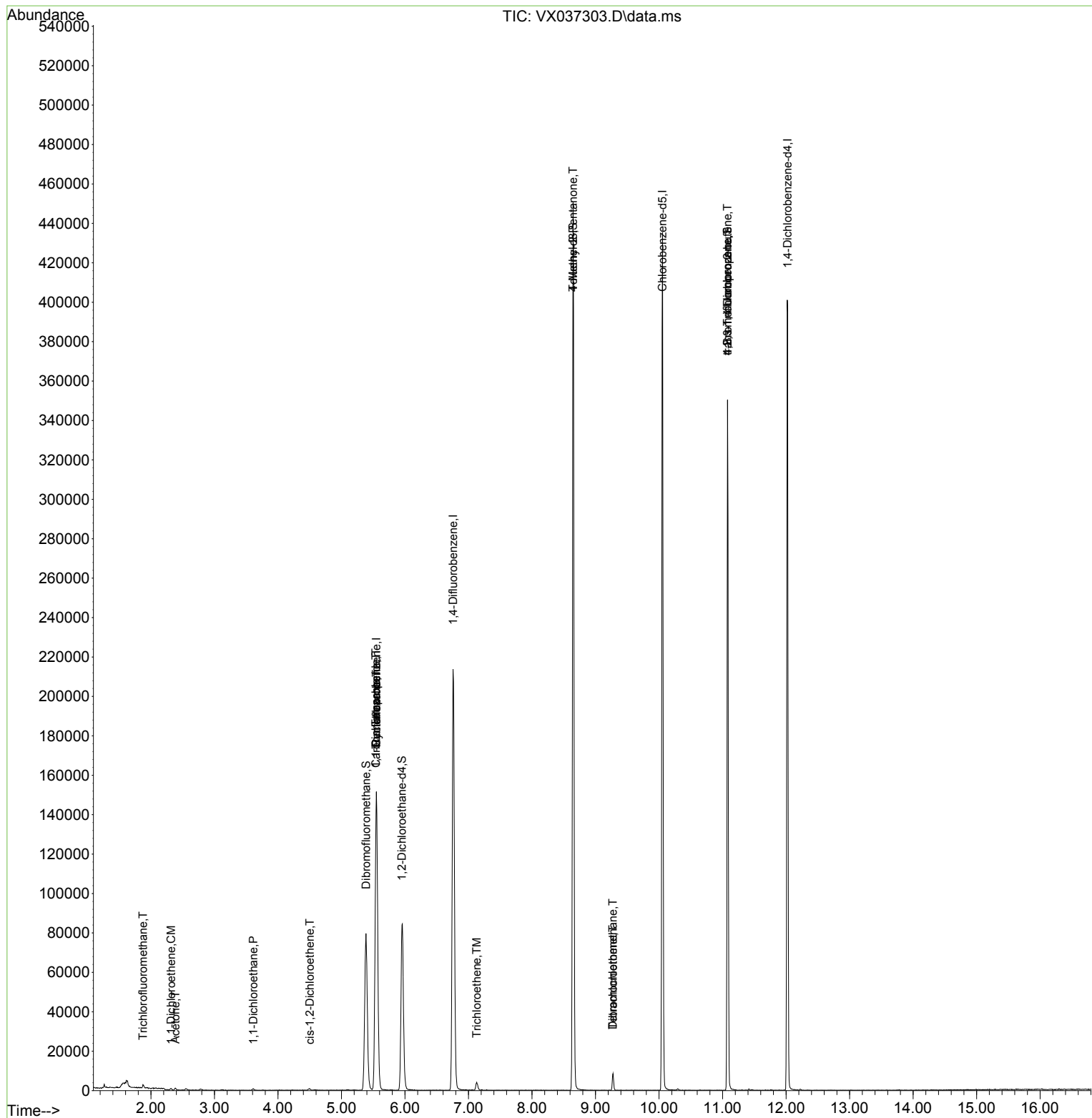
Internal Standards						
1) Pentafluorobenzene	5.550	168	140522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85299	42.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.200%
35) Dibromofluoromethane	5.385	113	70026	45.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	271544	48.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	97344	44.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.874	101	994	0.390	ug/l	99
12) 1,1-Dichloroethene	2.319	96	348	0.241	ug/l #	40
16) Acetone	2.386	43	1129	1.425	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	1019	0.354	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	496	0.256	ug/l	90
31) Cyclohexane	5.550	56	2740	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10897	5.020	ug/l #	52
38) Carbon Tetrachloride	5.544	117	15131	6.417	ug/l #	15
44) Trichloroethene	7.129	130	1726	0.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	979	0.458	ug/l #	1
60) Dibromochloromethane	9.275	129	1803	1.011	ug/l #	11
64) Tetrachloroethene	9.275	164	1591	1.081	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	48550	25.688	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48550	71.747	ug/l #	5

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

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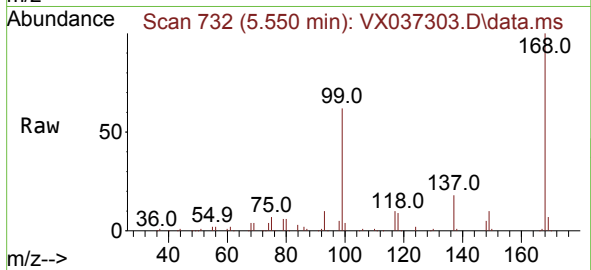
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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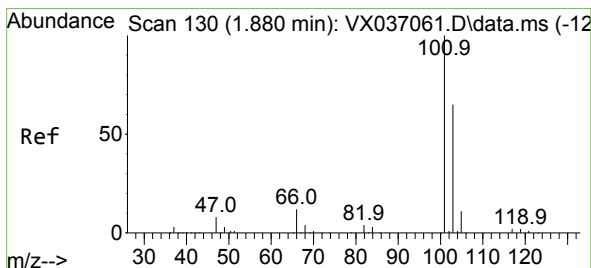
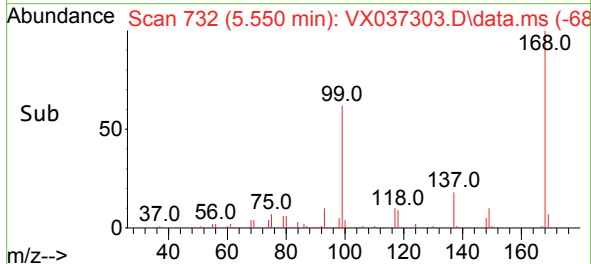
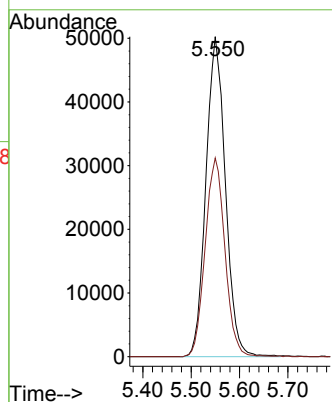


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Instrument :
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ClientSampleId :
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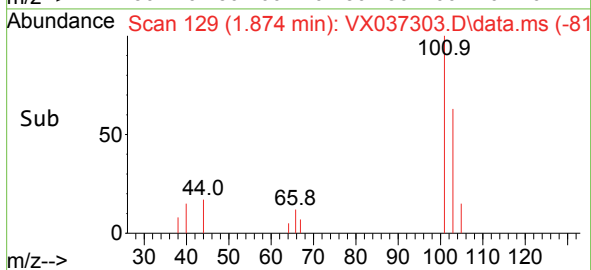
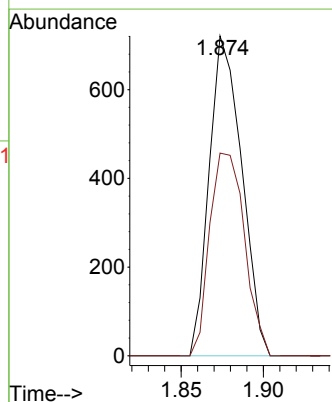
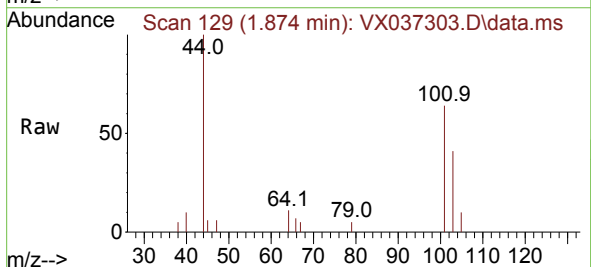


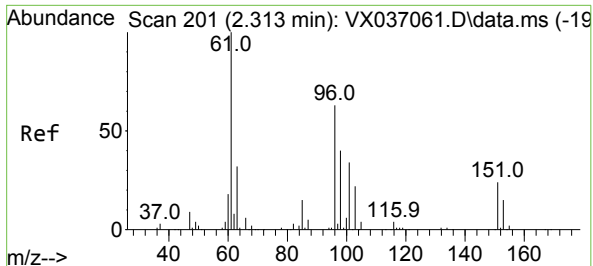
Tgt Ion:168 Resp: 140522
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#7
Trichlorofluoromethane
Concen: 0.390 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion:101 Resp: 994
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2





#12

1,1-Dichloroethene

Concen: 0.241 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037303.D

Acq: 28 Aug 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819

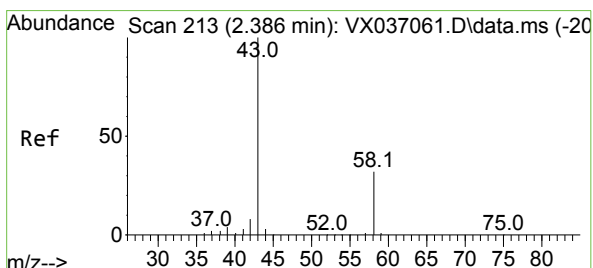
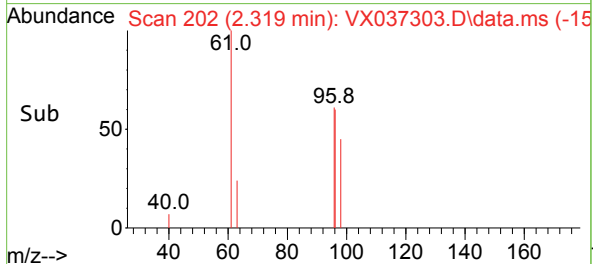
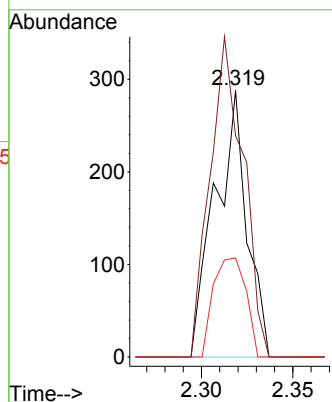
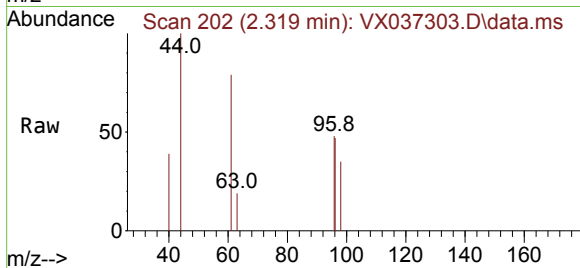
Tgt Ion: 96 Resp: 348

Ion Ratio Lower Upper

96 100

61 83.0 144.6 216.8#

98 37.2 50.4 75.6#



#16

Acetone

Concen: 1.425 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037303.D

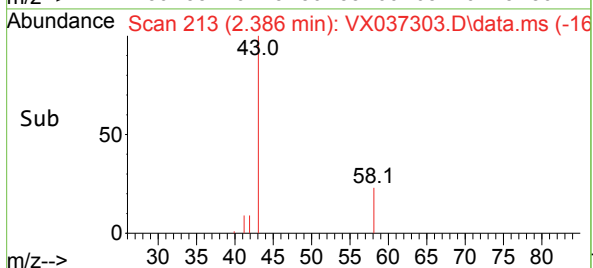
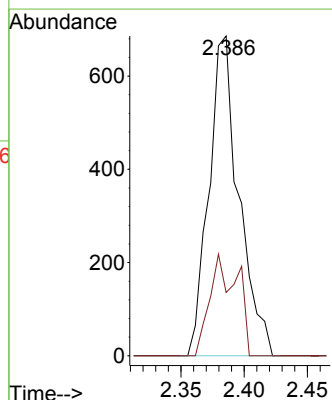
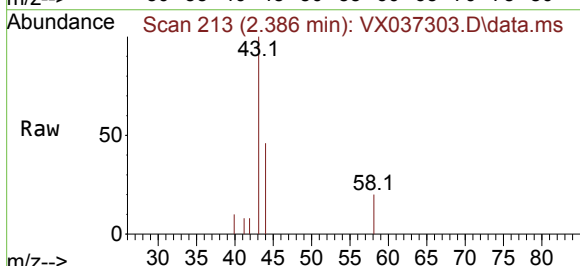
Acq: 28 Aug 2023 18:37

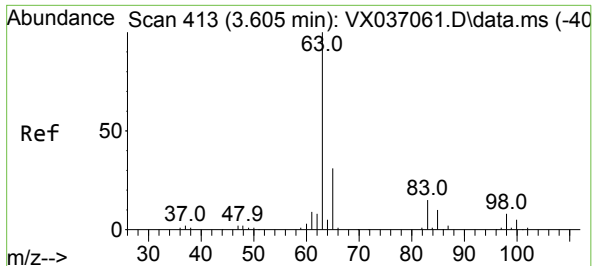
Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 19.8 21.9 32.9#

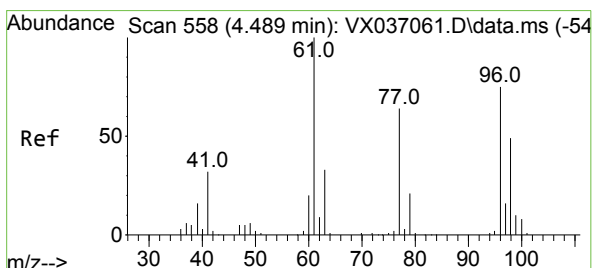
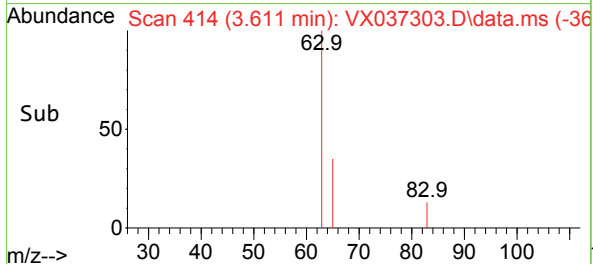
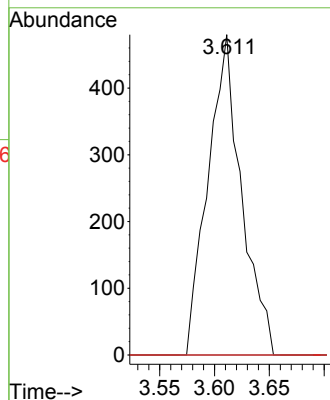
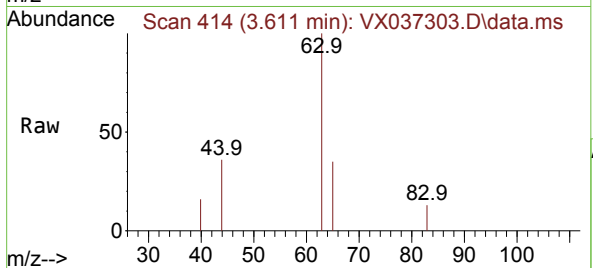




#24
1,1-Dichloroethane
Concen: 0.354 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

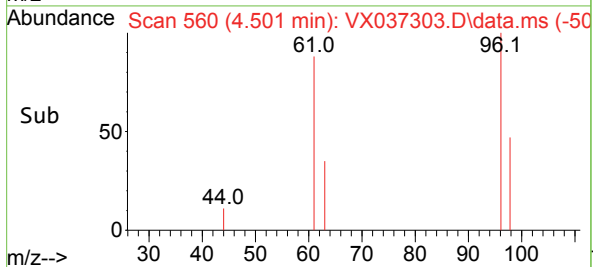
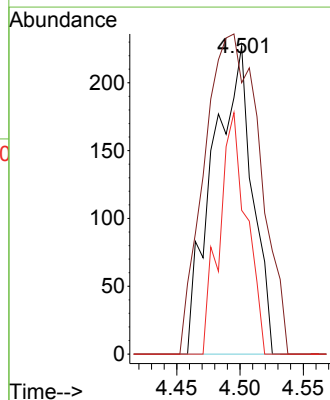
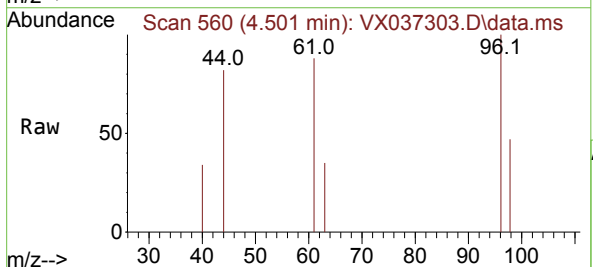
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819

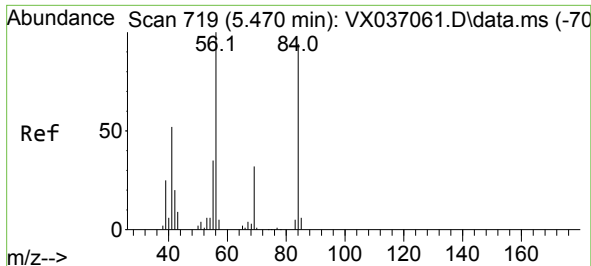
Tgt Ion: 63 Resp: 1019
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 0.256 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

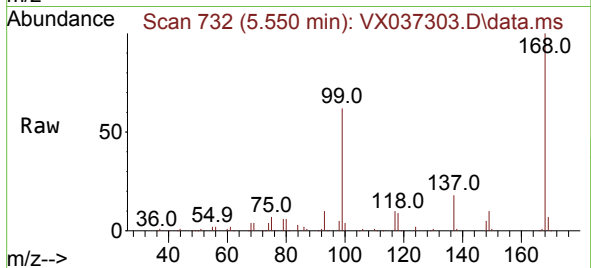
Tgt Ion: 96 Resp: 496
Ion Ratio Lower Upper
96 100
61 145.0 0.0 312.2
98 53.6 0.0 129.0



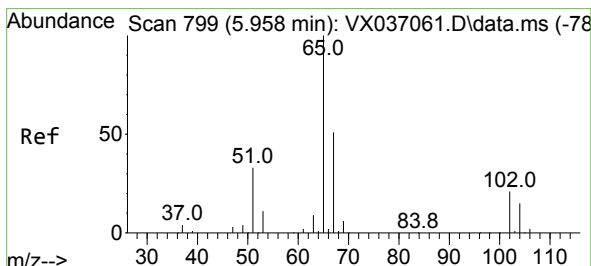
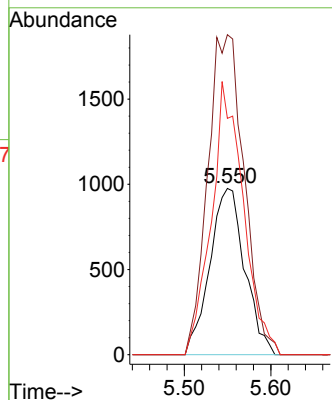
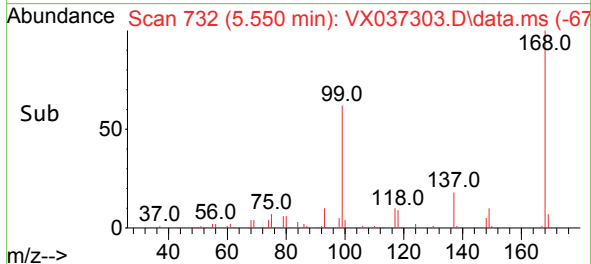


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819

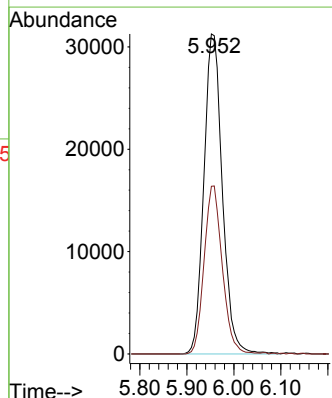
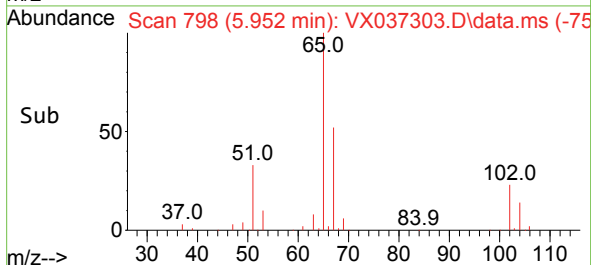
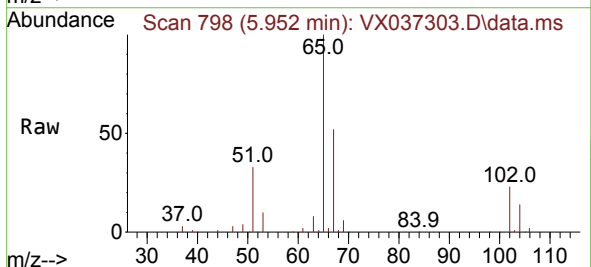


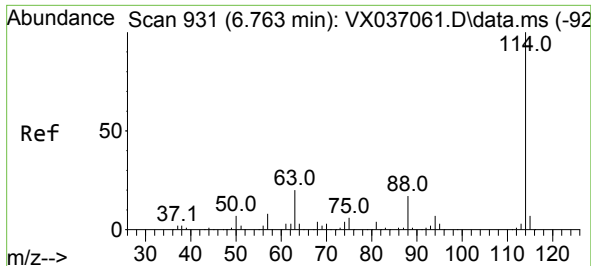
Tgt Ion: 56 Resp: 2740
Ion Ratio Lower Upper
56 100
69 192.4 23.4 35.2#
84 142.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.105 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 65 Resp: 85299
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

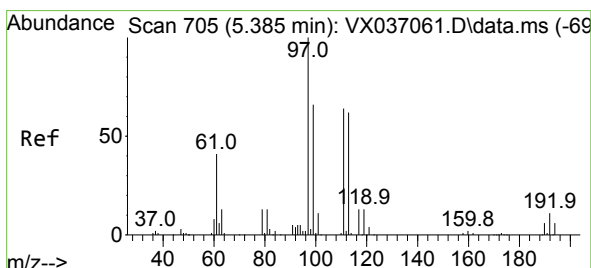
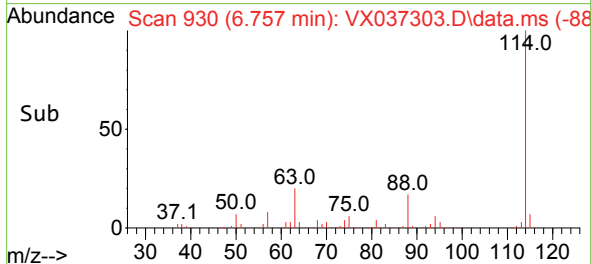
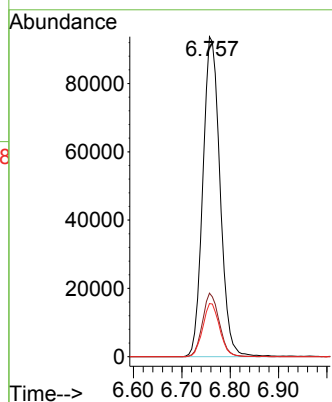
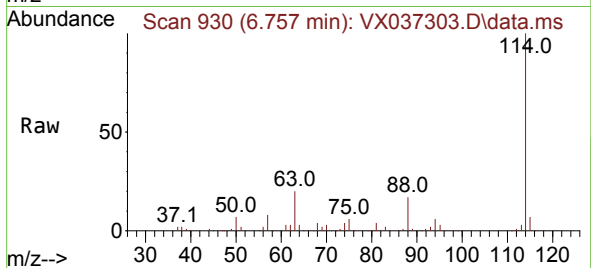




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

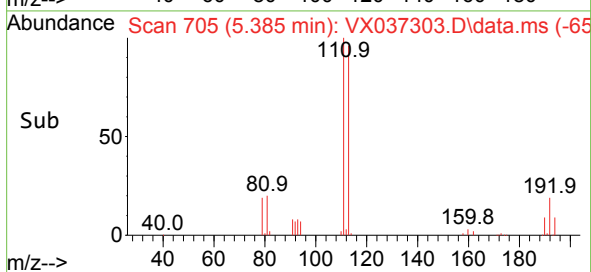
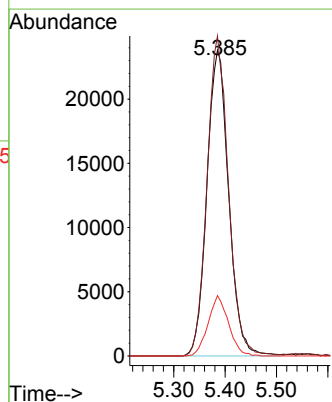
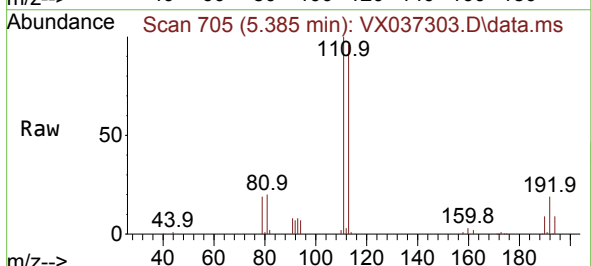
Instrument :
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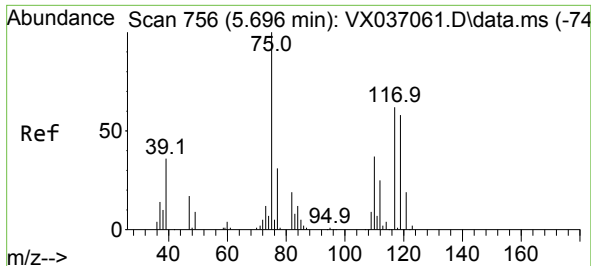
Tgt Ion:114 Resp: 230698
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion:113 Resp: 70026
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.6 13.3 19.9

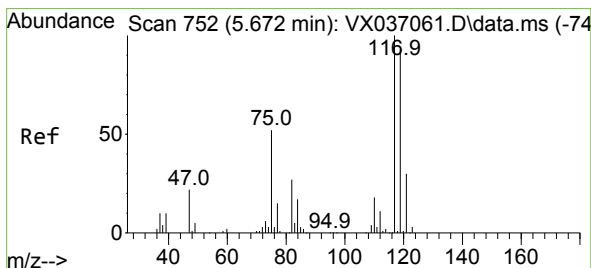
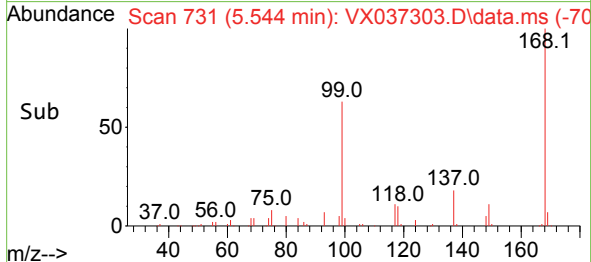
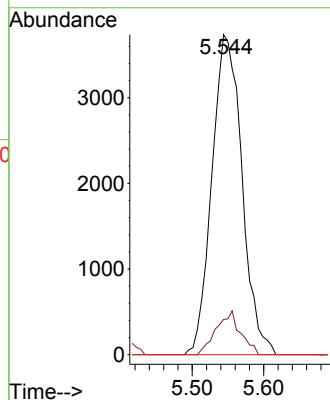
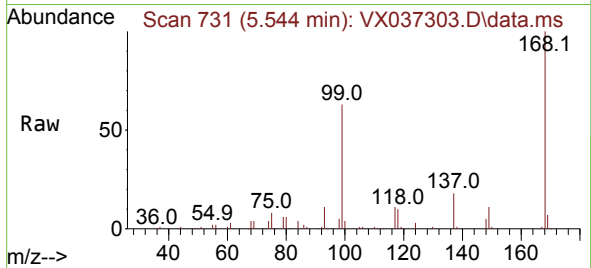




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

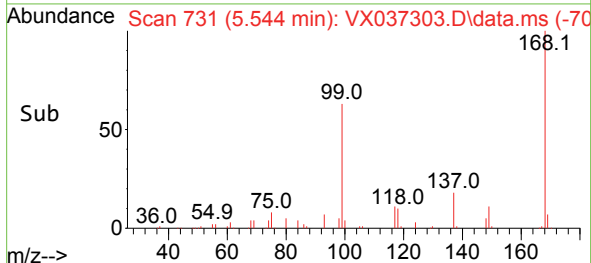
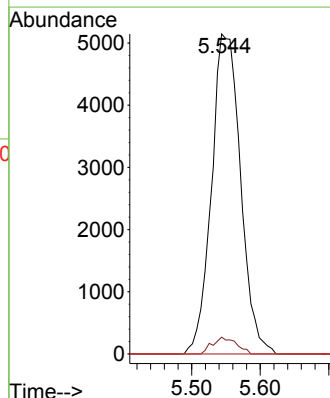
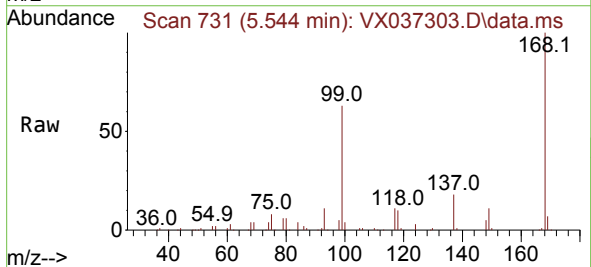
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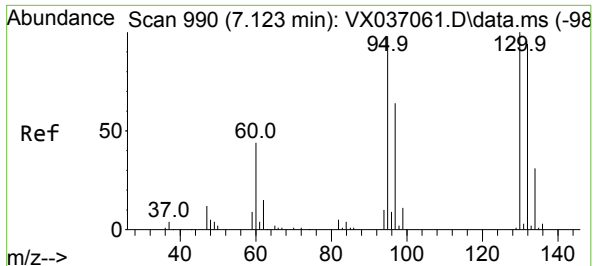
Tgt Ion: 75 Resp: 10897
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 117 Resp: 15131
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

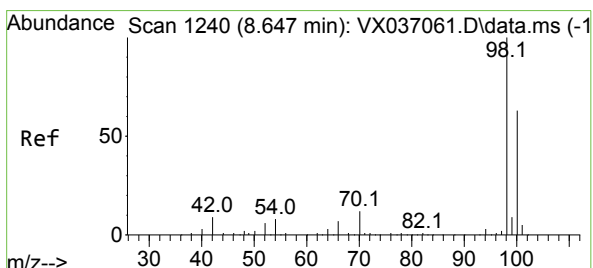
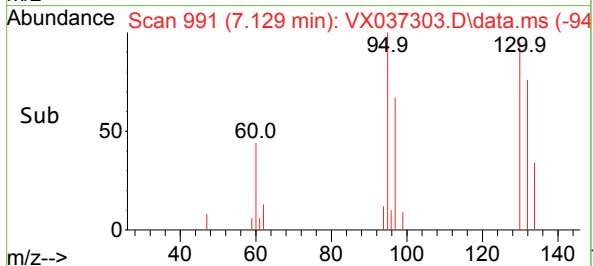
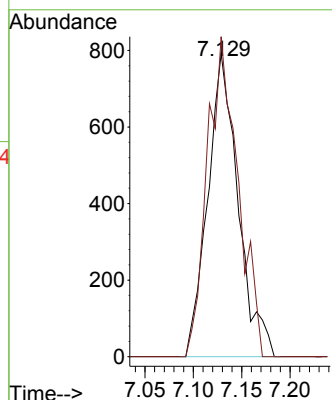
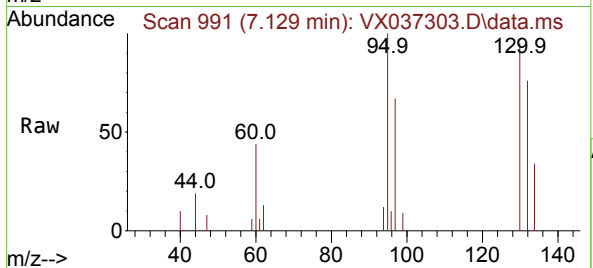




#44
Trichloroethene
Concen: 0.978 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

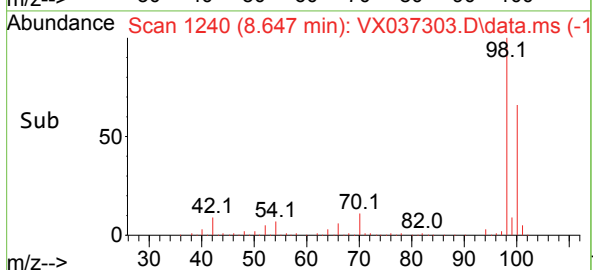
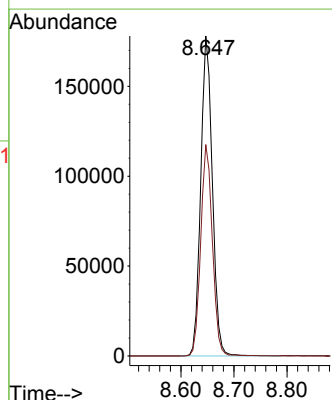
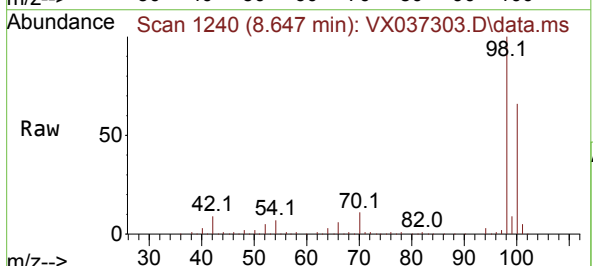
Instrument :
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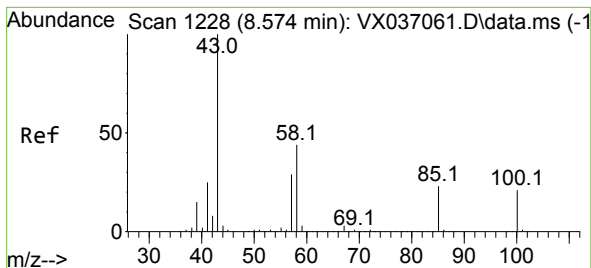
Tgt Ion:130 Resp: 1726
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.4



#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 98 Resp: 271544
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.458 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037303.D

Acq: 28 Aug 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

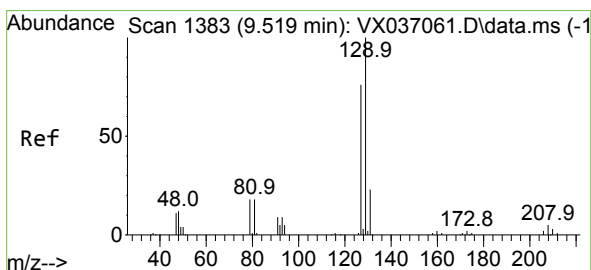
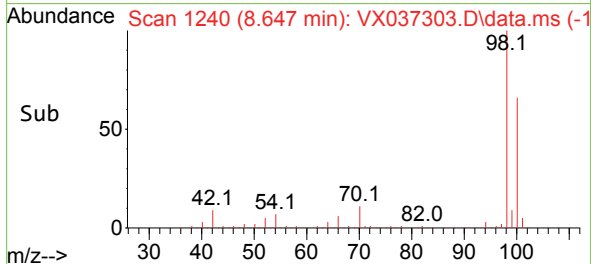
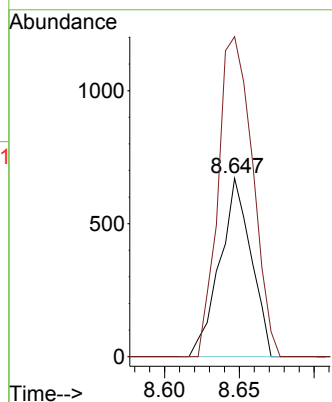
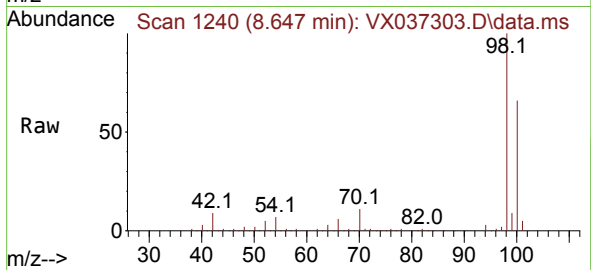
MW201D1-20230819

Tgt Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

58 196.9 30.4 45.6#



#60

Dibromochloromethane

Concen: 1.011 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037303.D

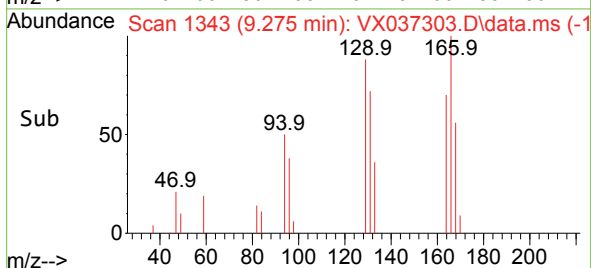
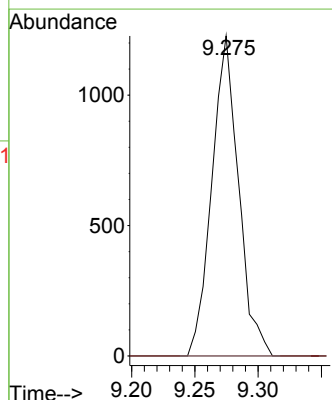
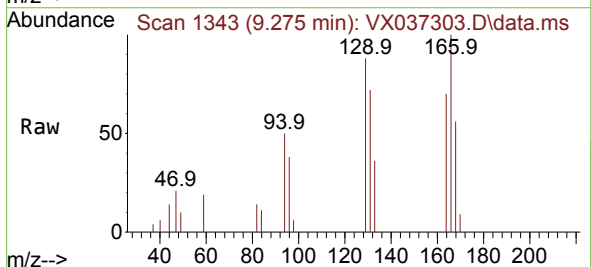
Acq: 28 Aug 2023 18:37

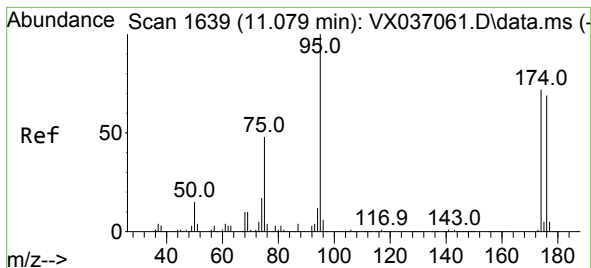
Tgt Ion: 129 Resp: 1803

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

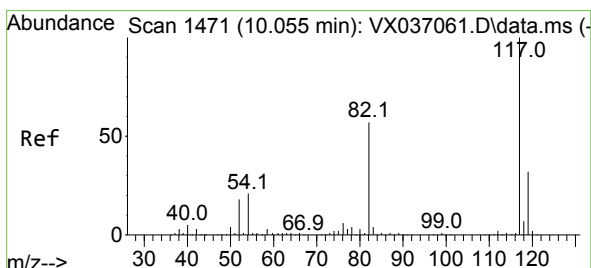
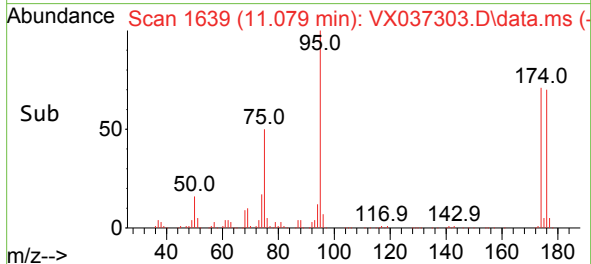
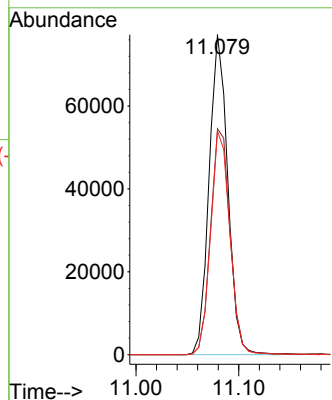
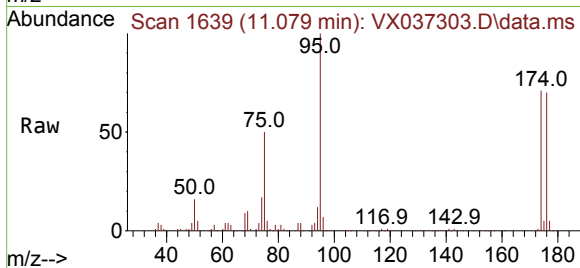




#62
4-Bromofluorobenzene
Concen: 44.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

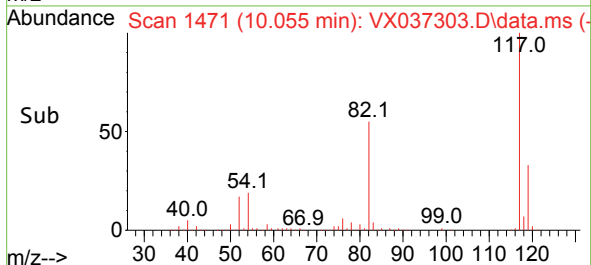
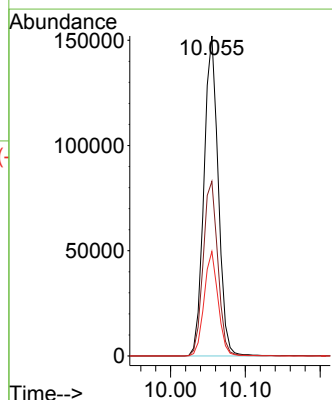
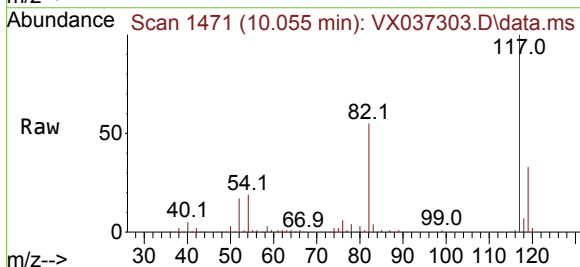
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819

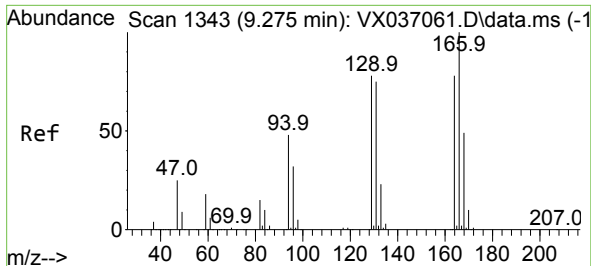
Tgt Ion: 95 Resp: 97344
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 117 Resp: 201833
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.7 25.5 38.3

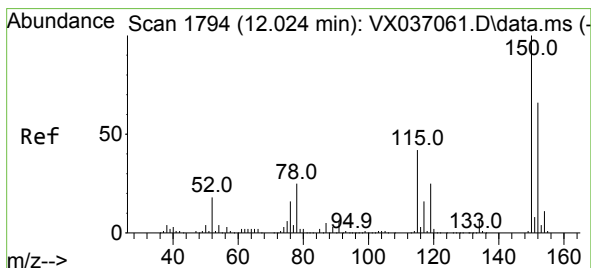
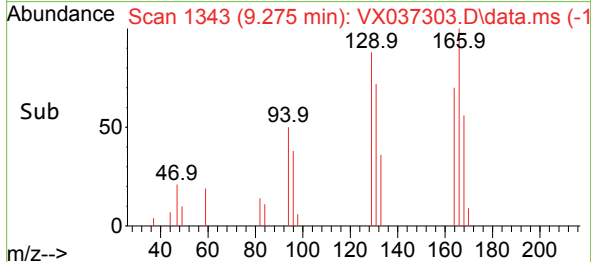
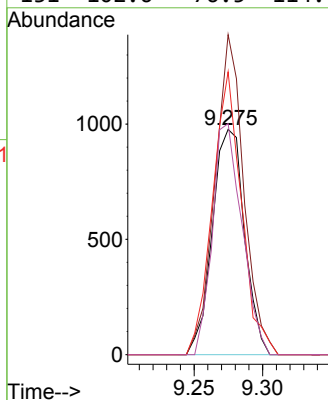
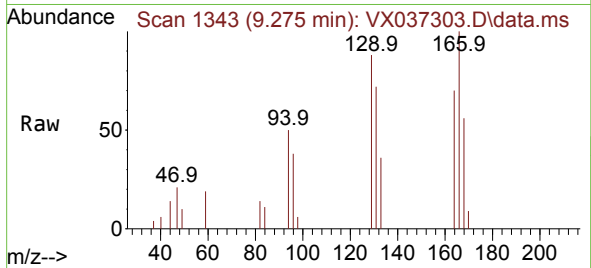




#64
Tetrachloroethene
Concen: 1.081 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

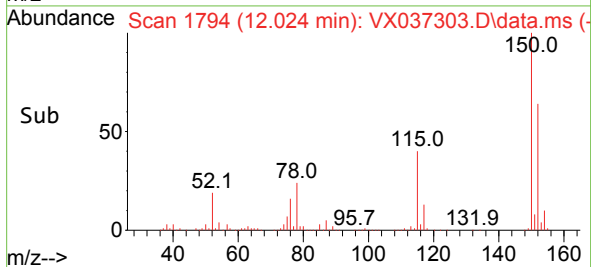
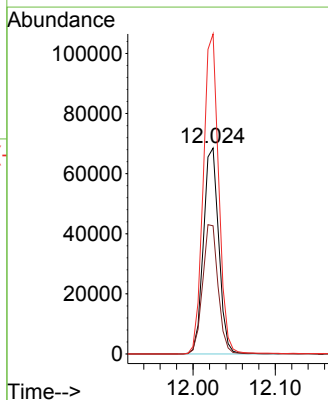
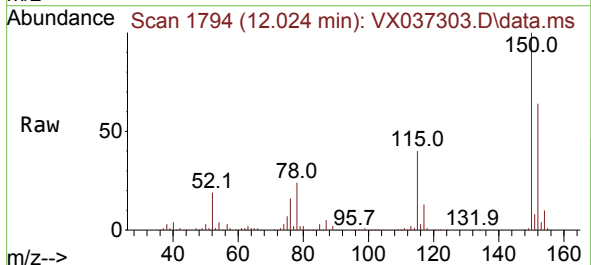
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819

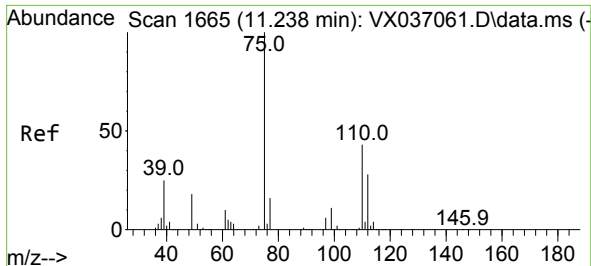
Tgt Ion:164 Resp: 1591
Ion Ratio Lower Upper
164 100
166 142.1 102.7 154.1
129 125.6 80.4 120.6#
131 102.6 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion:152 Resp: 88747
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.3 0.0 345.0

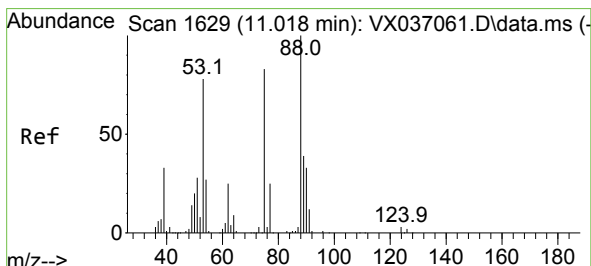
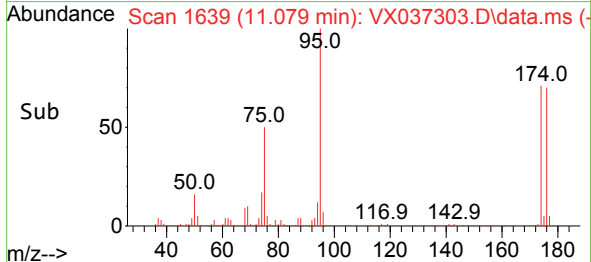
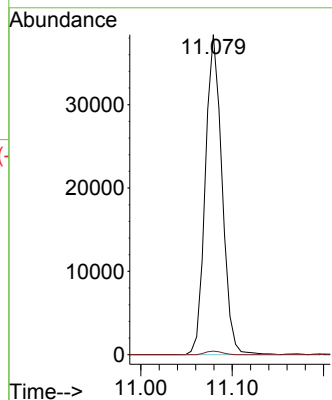
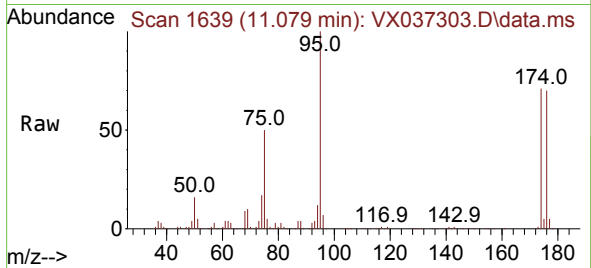




#76
1,2,3-Trichloropropane
Concen: 25.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819

Tgt Ion: 75 Resp: 48550
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037303.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 75 Resp: 48550
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

