

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037518.D
 Acq On : 05 Sep 2023 17:36
 Operator : JC/MD
 Sample : 04229-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923RE

Quant Time: Sep 06 02:57:26 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)

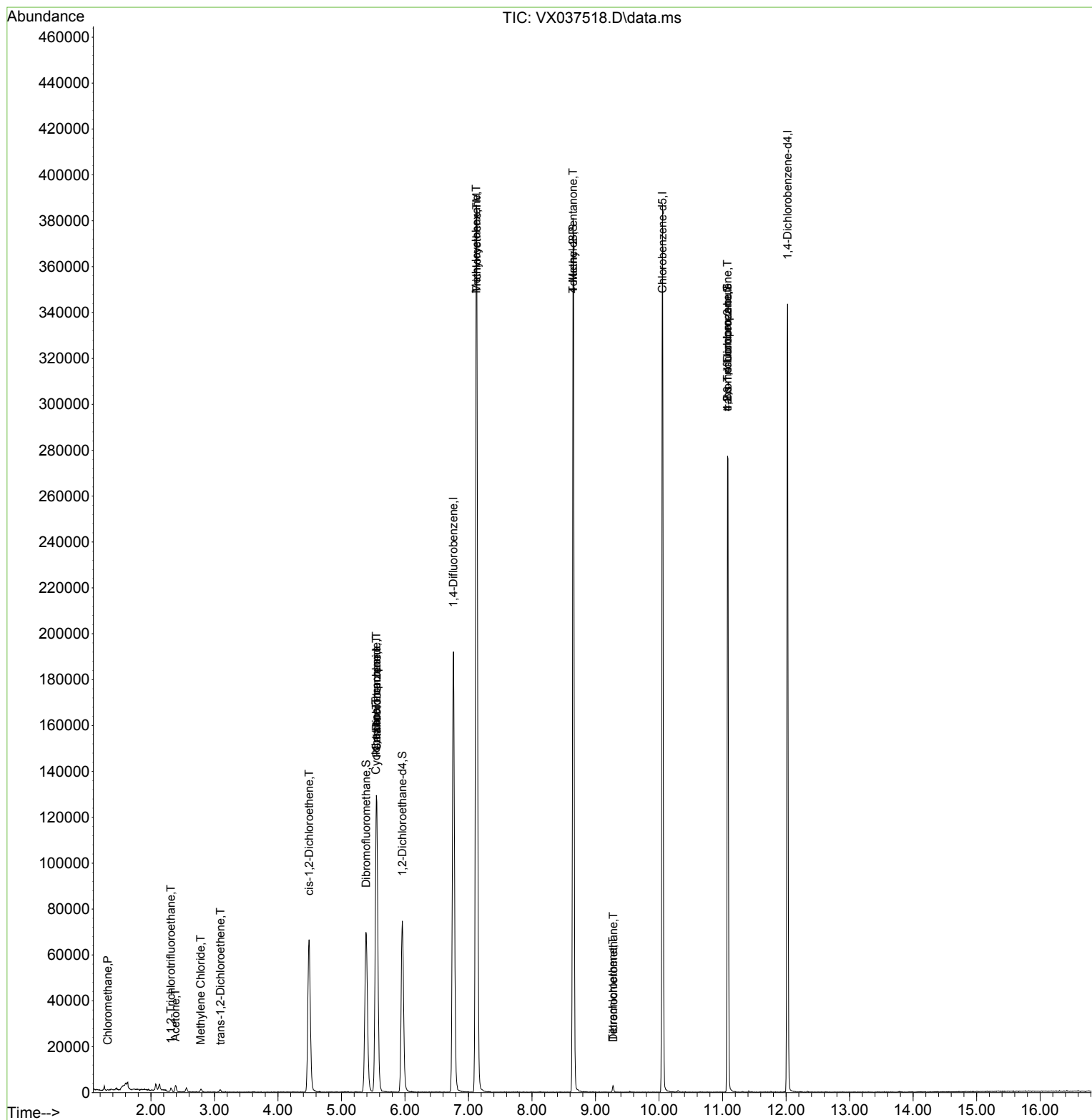
Internal Standards						
1) Pentafluorobenzene	5.556	168	122780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73515	41.532	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.060%
35) Dibromofluoromethane	5.385	113	63844	46.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.647	98	241987	48.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	84104	43.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	251	0.201	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.313	101	518	0.399	ug/l	92
16) Acetone	2.386	43	3145	4.542	ug/l #	84
20) Methylene Chloride	2.782	84	701	0.453	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	495	0.345	ug/l #	65
27) cis-1,2-Dichloroethene	4.489	96	46121	27.229	ug/l	79
31) Cyclohexane	5.544	56	2261	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9601	4.936	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12954	6.131	ug/l #	15
39) Methylcyclohexane	7.123	83	1786	0.874	ug/l #	1
44) Trichloroethene	7.129	130	160426	101.424	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	889	0.464	ug/l #	1
60) Dibromochloromethane	9.281	129	565	0.354	ug/l #	11
64) Tetrachloroethene	9.275	164	497	0.370	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	40039	25.225	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40039	70.455	ug/l #	5

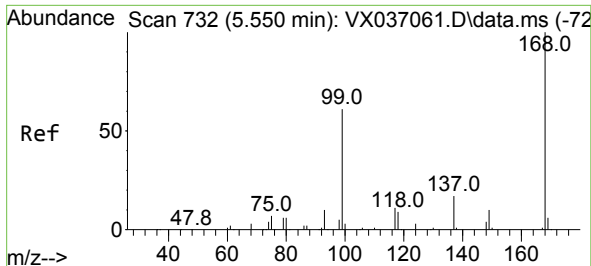
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 02:57:26 2023
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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

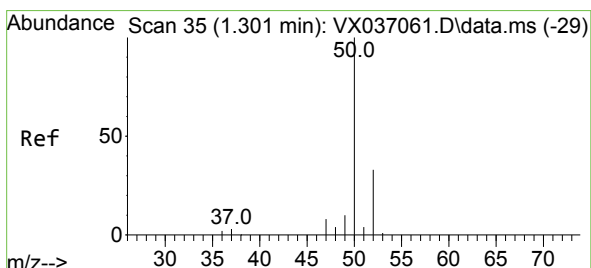
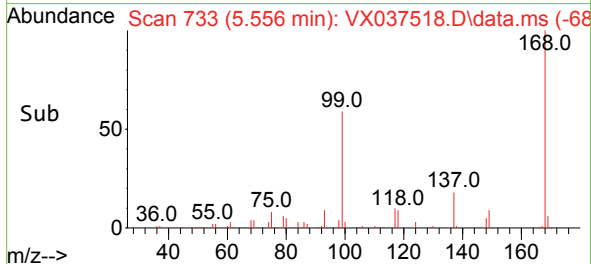
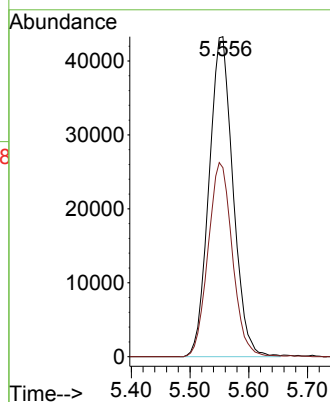
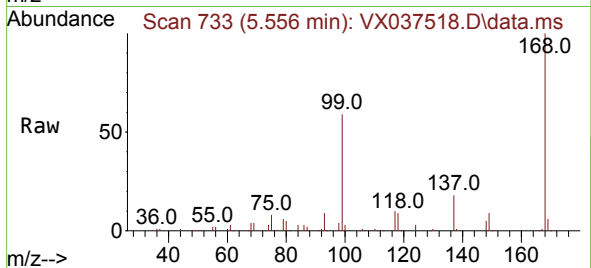




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

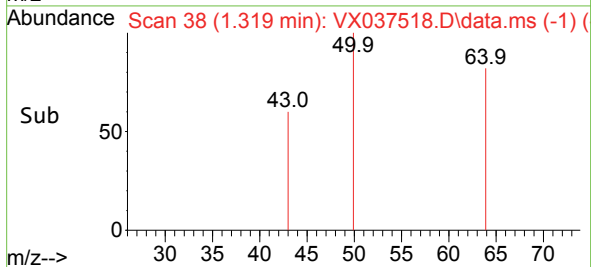
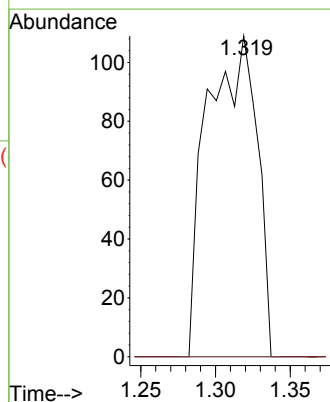
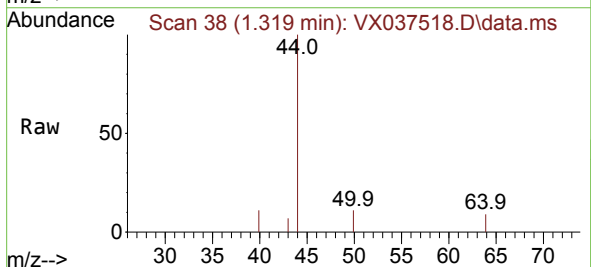
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

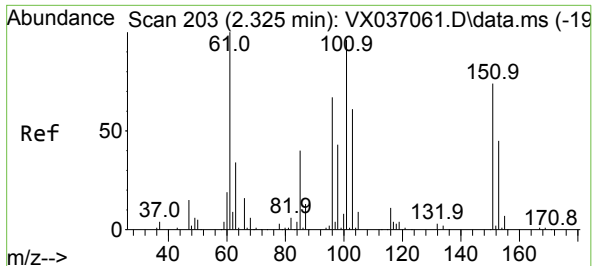
Tgt Ion:168 Resp: 122780
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.018 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

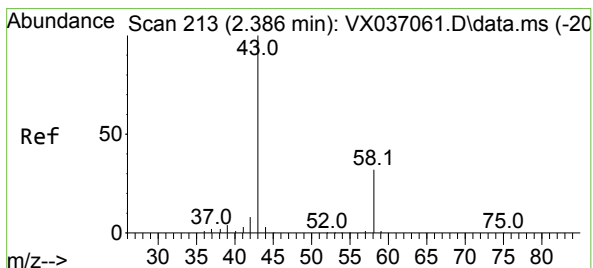
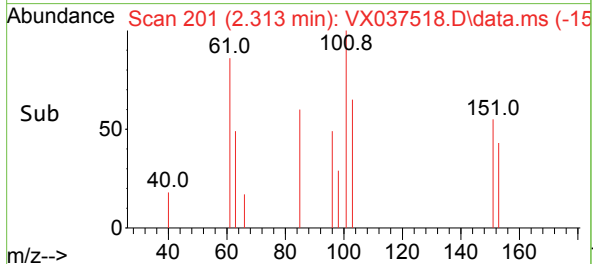
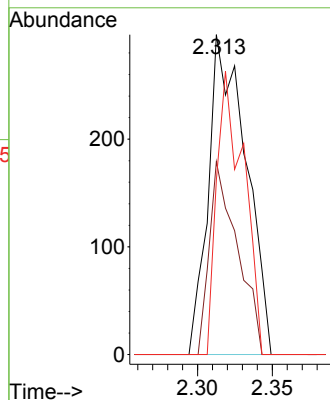
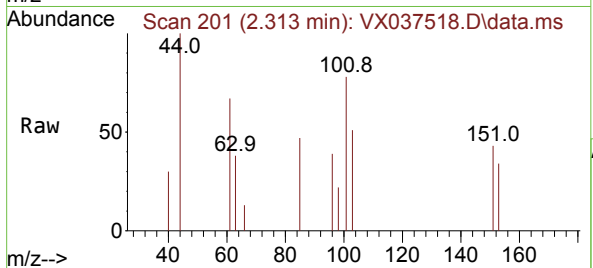




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.399 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

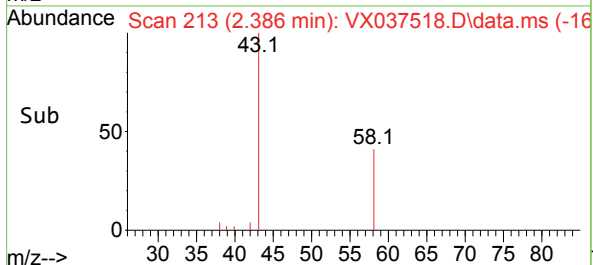
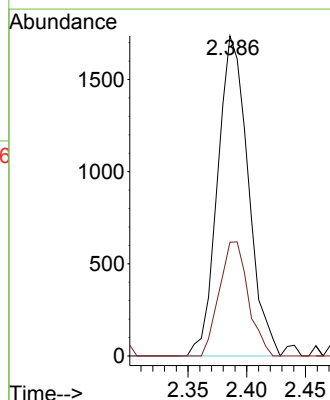
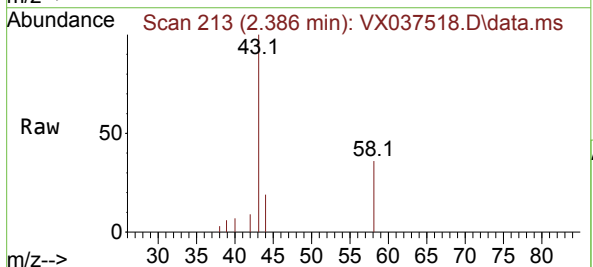
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

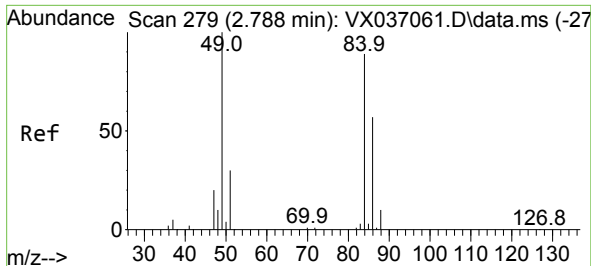
Tgt Ion:101 Resp: 518
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 63.3 58.6 87.8



#16
Acetone
Concen: 4.542 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 43 Resp: 3145
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#

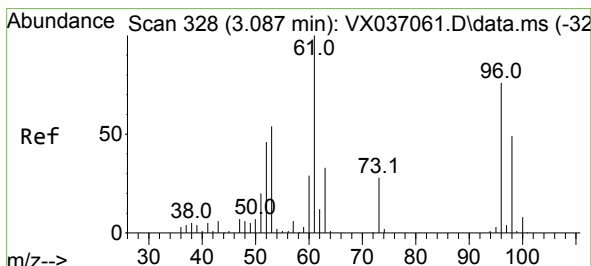
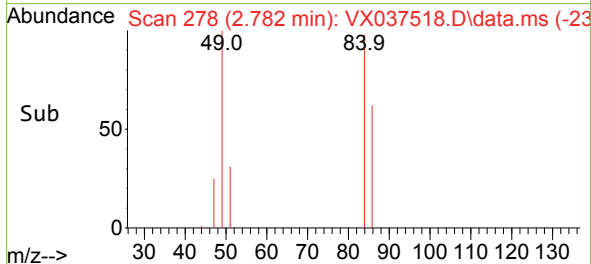
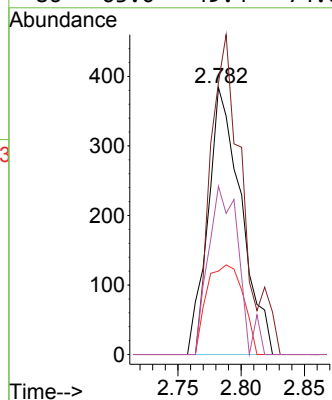
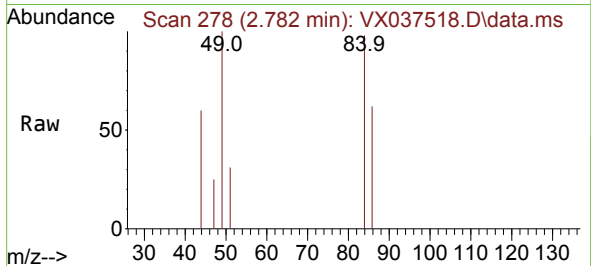




#20
Methylene Chloride
Concen: 0.453 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

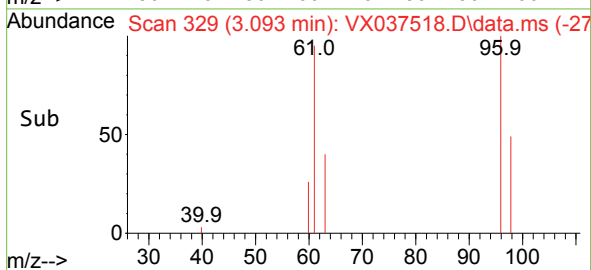
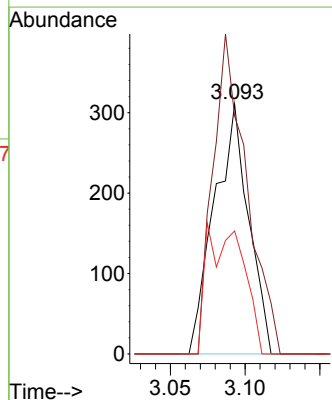
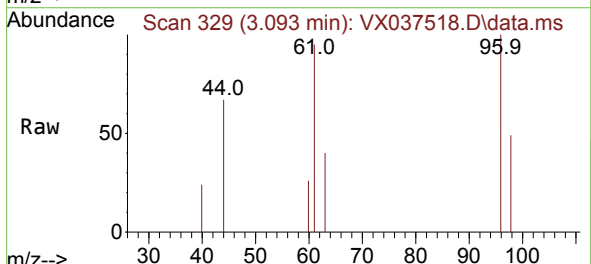
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

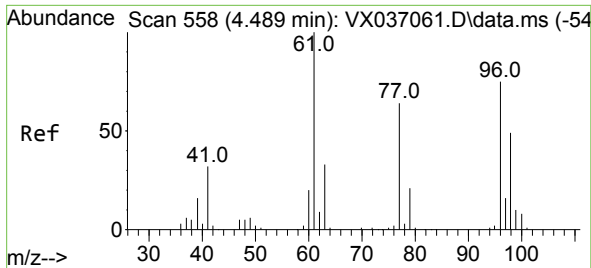
Tgt Ion: 84	Resp:	701
Ion	Ratio	Lower Upper
84	100	
49	101.8	103.6 155.4#
51	31.3	33.8 50.6#
86	63.0	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.345 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 96	Resp:	495
Ion	Ratio	Lower Upper
96	100	
61	95.2	119.2 178.8#
98	49.2	48.7 73.1

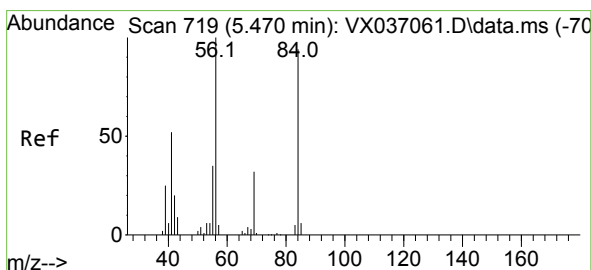
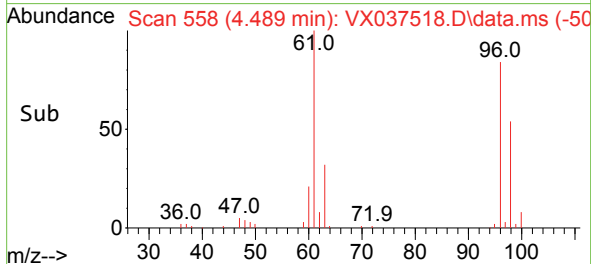
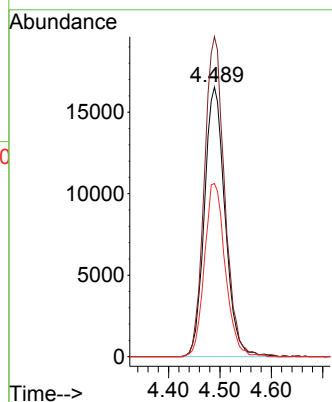
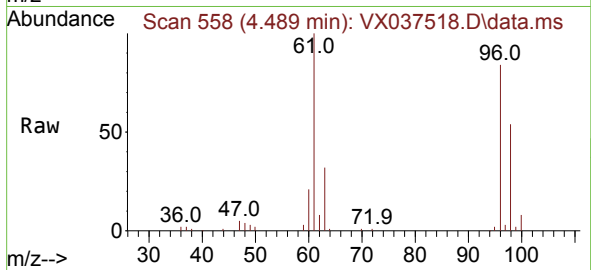




#27
 cis-1,2-Dichloroethene
 Concen: 27.229 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

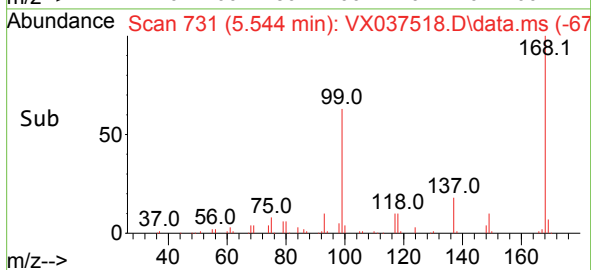
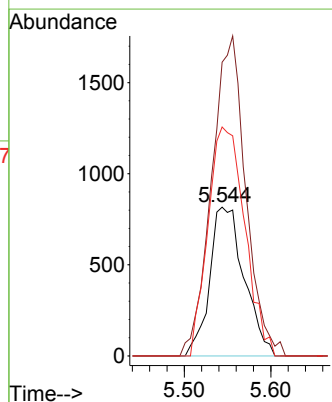
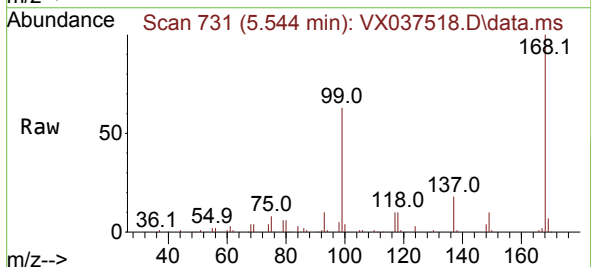
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923RE

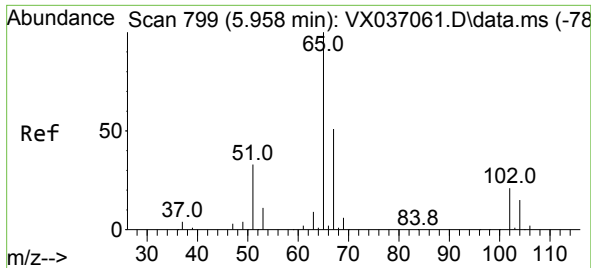
Tgt Ion: 96 Resp: 46121
 Ion Ratio Lower Upper
 96 100
 61 117.1 0.0 312.2
 98 64.7 0.0 129.0



#31
 Cyclohexane
 Concen: 1.136 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

Tgt Ion: 56 Resp: 2261
 Ion Ratio Lower Upper
 56 100
 69 197.5 23.4 35.2#
 84 153.9 65.9 98.9#

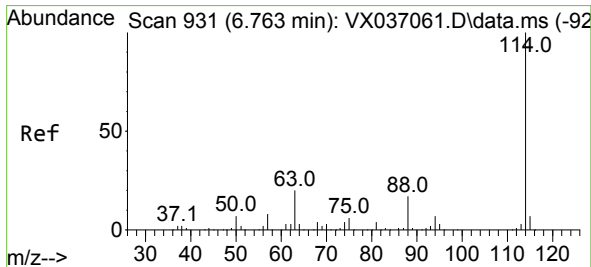
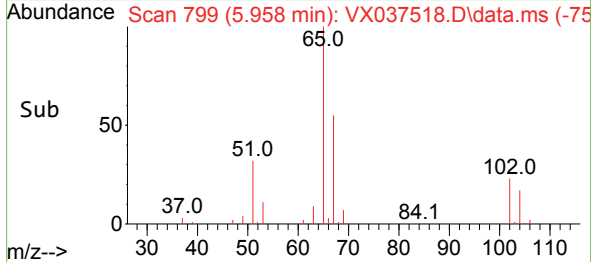
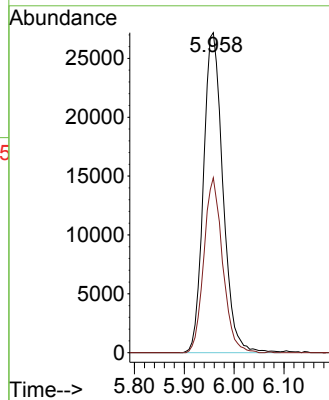
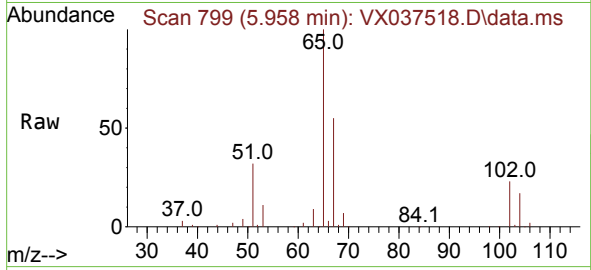




#33
 1,2-Dichloroethane-d4
 Concen: 41.532 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

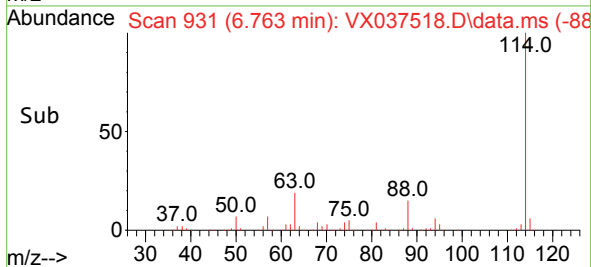
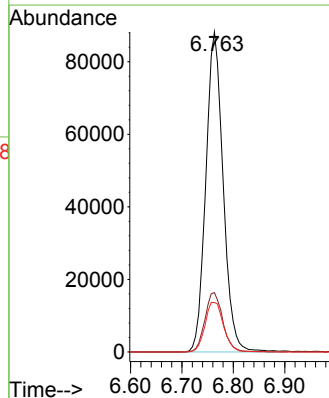
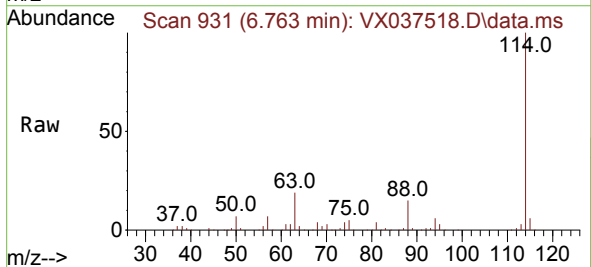
Instrument :
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 MW-01-9.5-082923RE

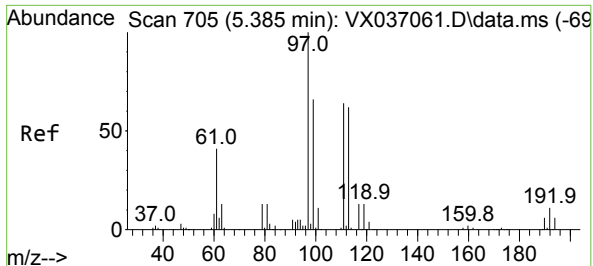
Tgt Ion: 65 Resp: 73515
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

Tgt Ion: 114 Resp: 206713
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.635 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037518.D

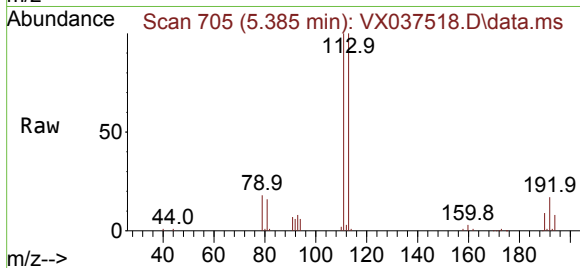
Acq: 05 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

MW-01-9.5-082923RE



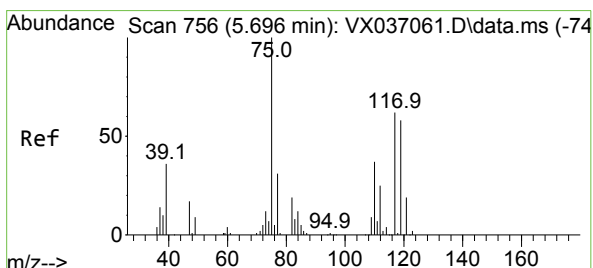
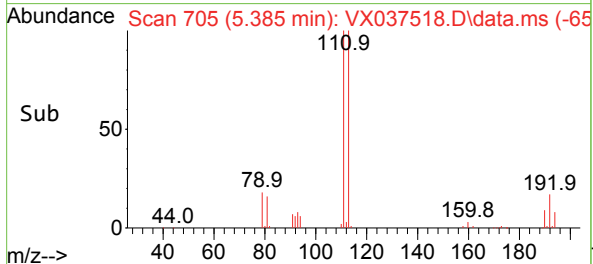
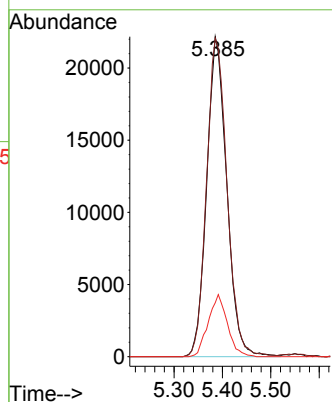
Tgt Ion:113 Resp: 63844

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037518.D

Acq: 05 Sep 2023 17:36

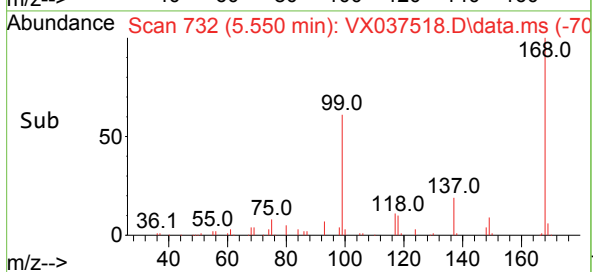
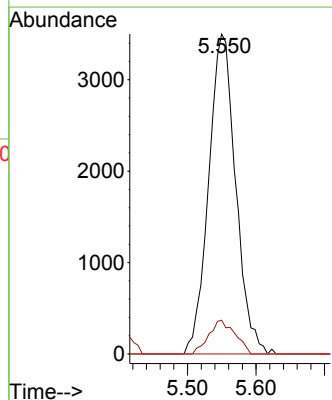
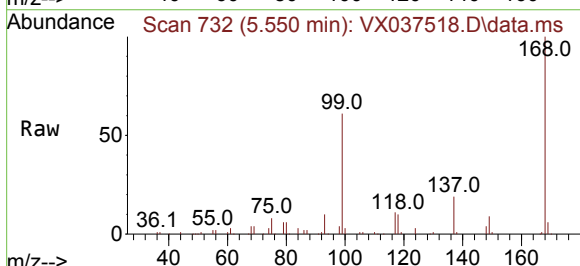
Tgt Ion: 75 Resp: 9601

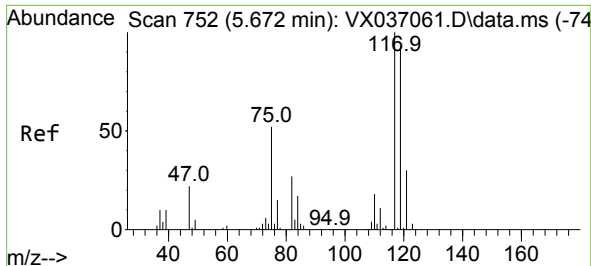
Ion Ratio Lower Upper

75 100

110 10.2 17.0 50.9#

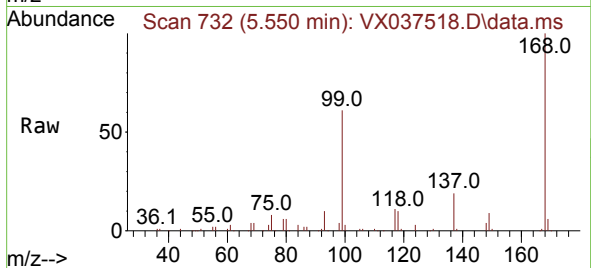
77 0.0 24.7 37.1#



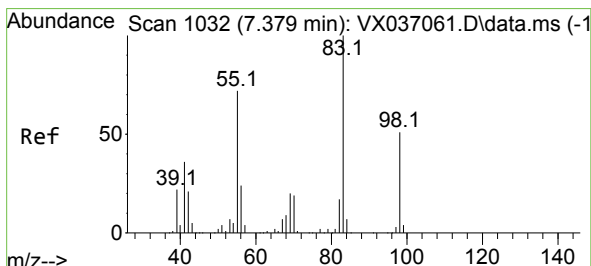
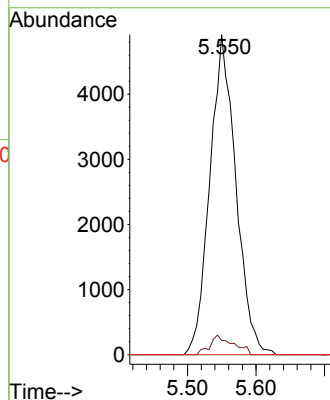
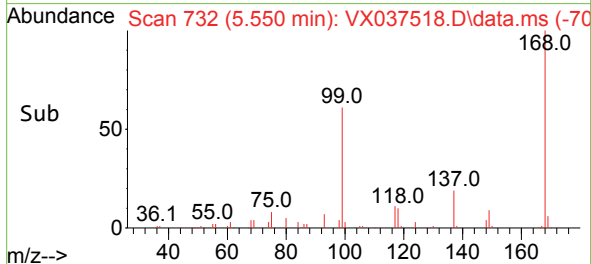


#38
Carbon Tetrachloride
Concen: 6.131 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

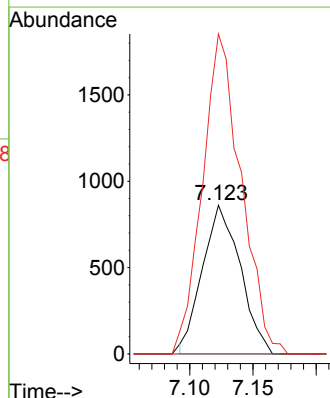
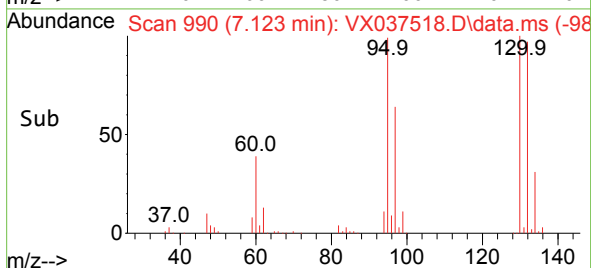
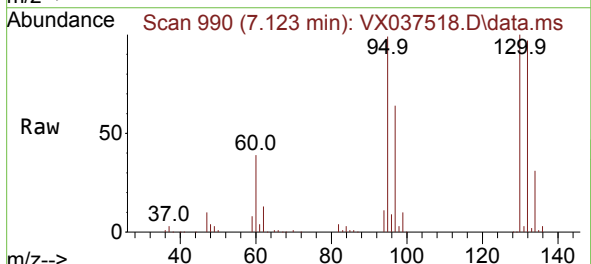


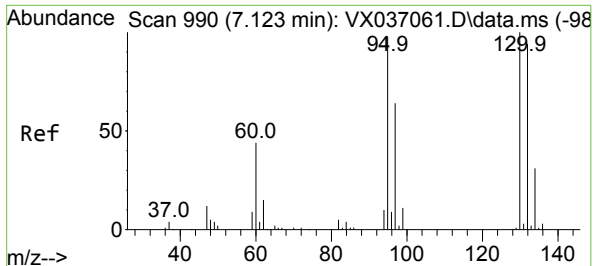
Tgt Ion:117 Resp: 12954
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.874 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 83 Resp: 1786
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 208.5 36.7 55.1#

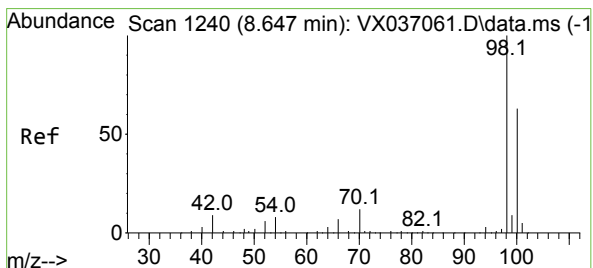
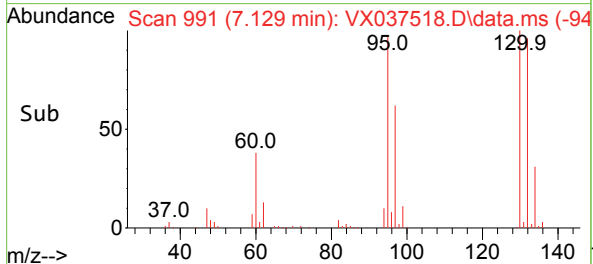
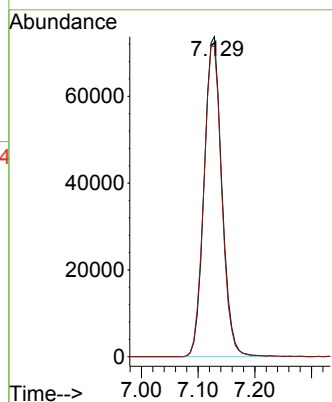
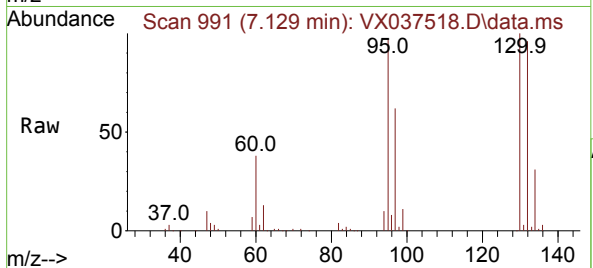




#44
 Trichloroethene
 Concen: 101.424 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

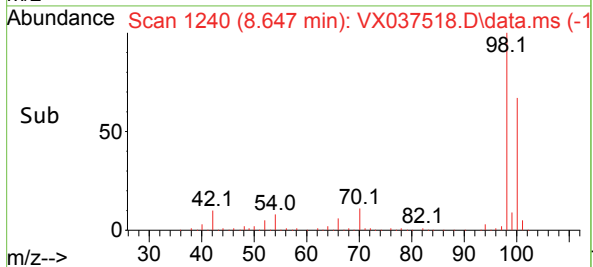
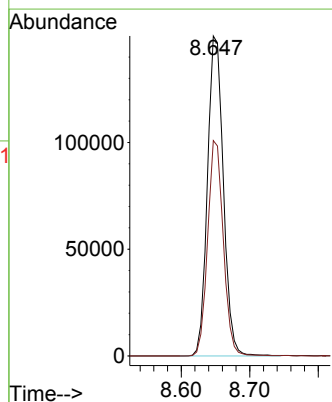
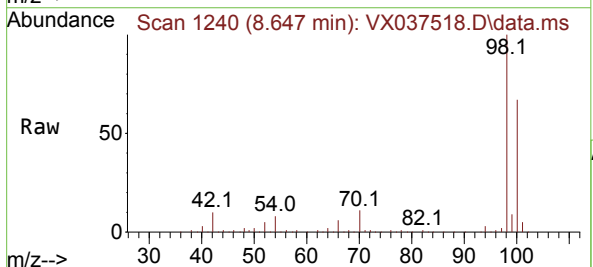
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923RE

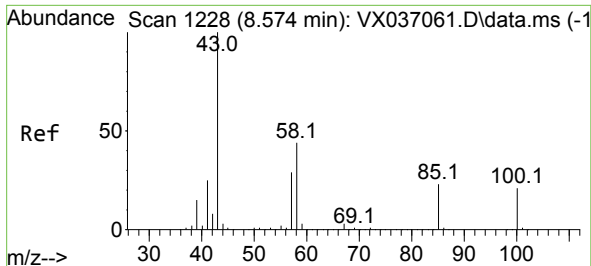
Tgt Ion:130 Resp: 160426
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 204.4



#50
 Toluene-d8
 Concen: 48.729 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037518.D
 Acq: 05 Sep 2023 17:36

Tgt Ion: 98 Resp: 241987
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.1 79.7

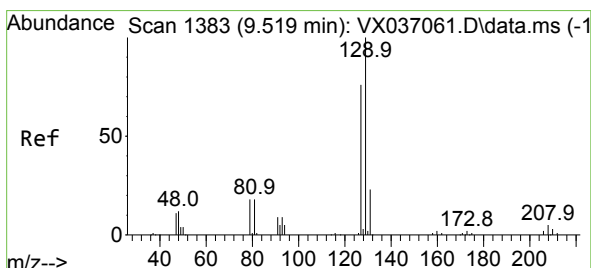
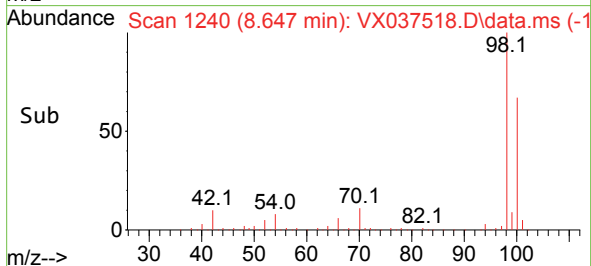
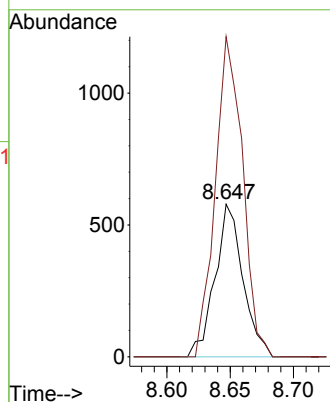
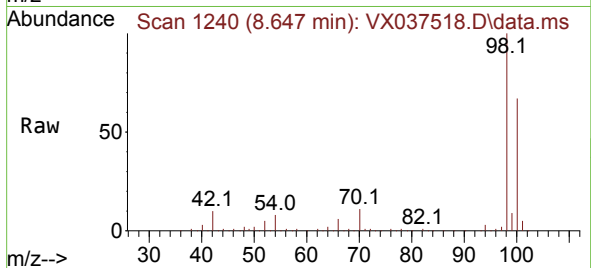




#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

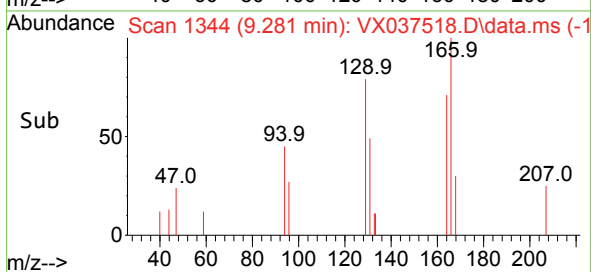
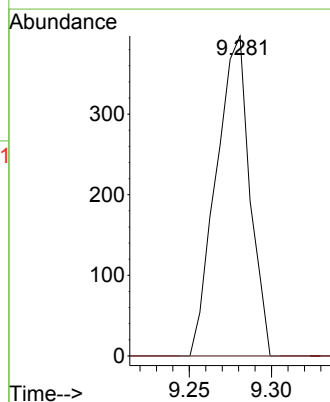
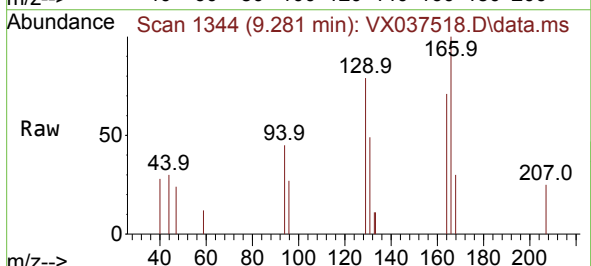
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

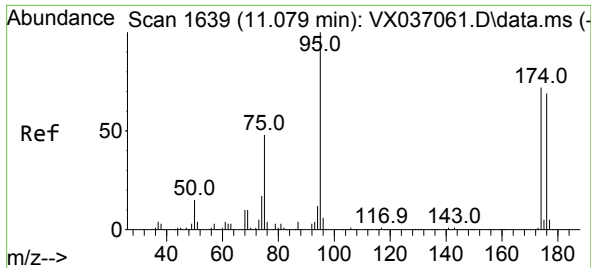
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 205.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.354 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 129 Resp: 565
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

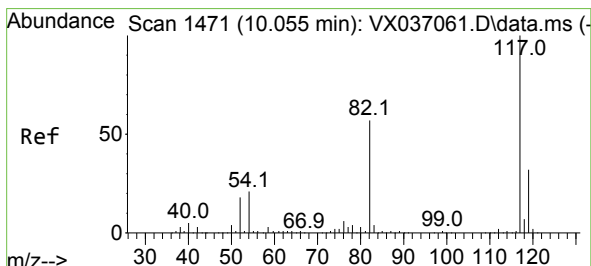
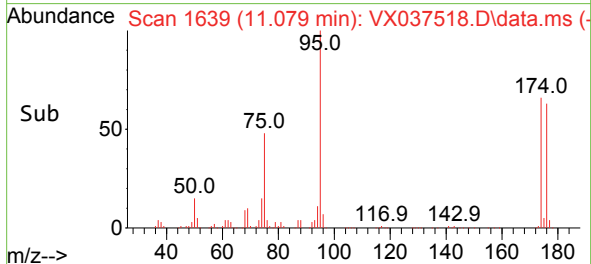
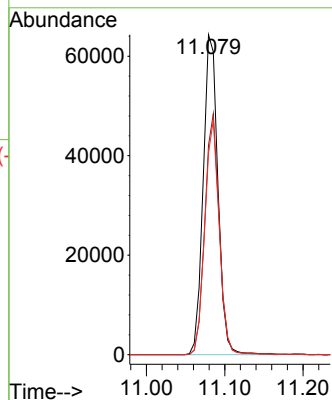
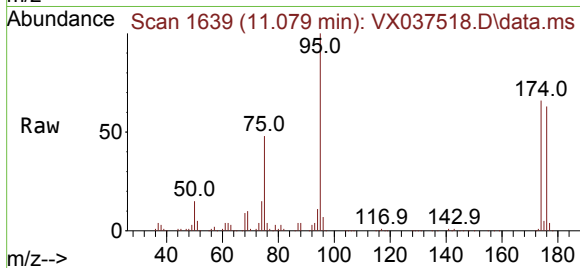




#62
4-Bromofluorobenzene
Concen: 43.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

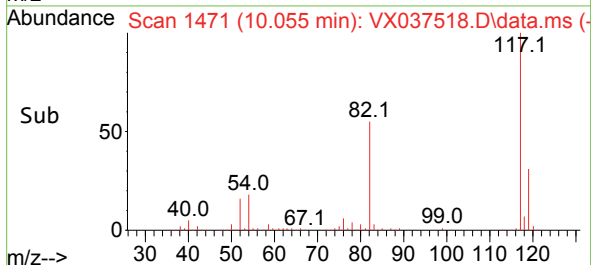
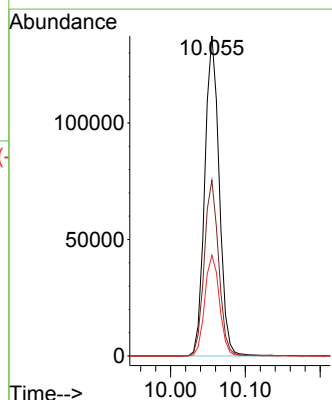
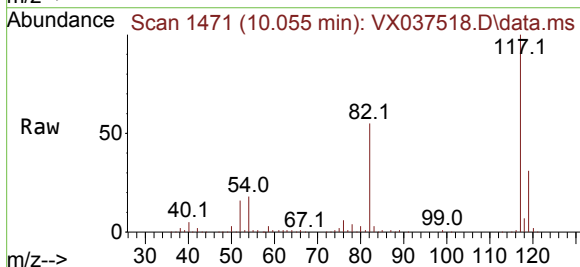
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

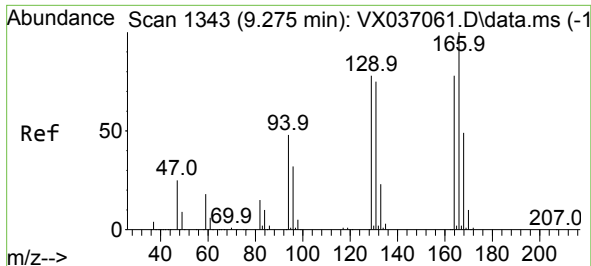
Tgt Ion: 95 Resp: 84104
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 117 Resp: 184198
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.5 25.5 38.3

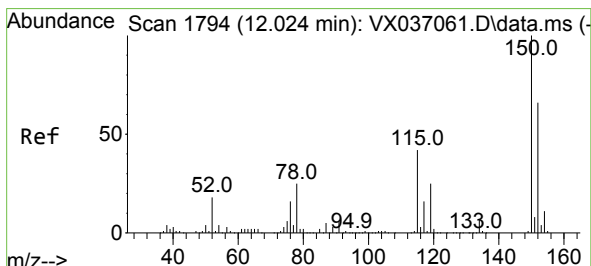
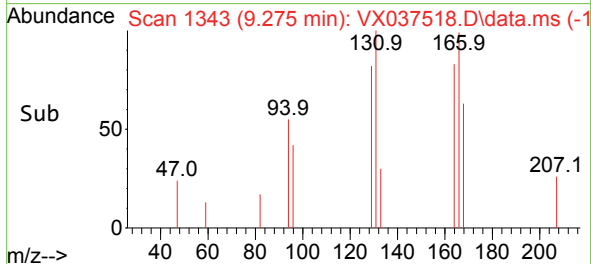
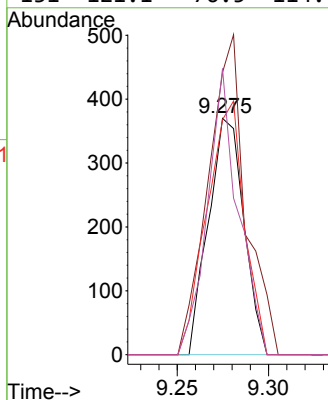
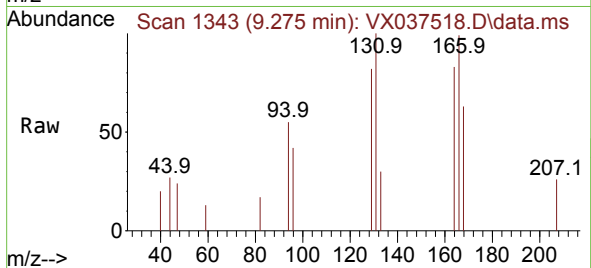




#64
Tetrachloroethene
Concen: 0.370 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

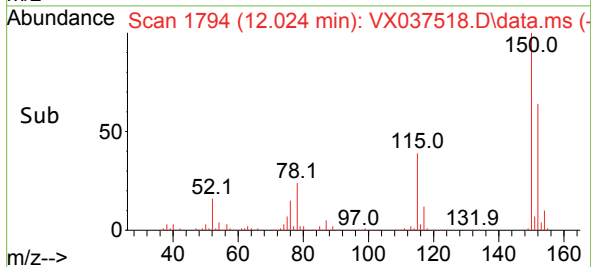
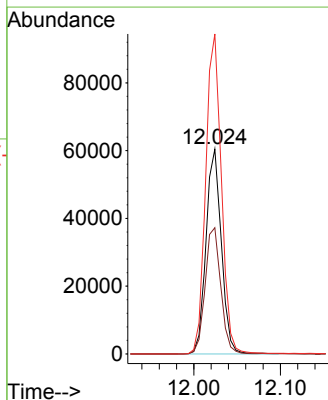
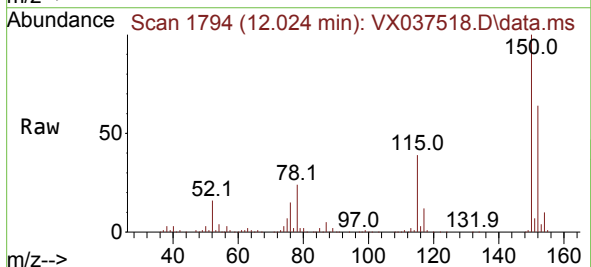
Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

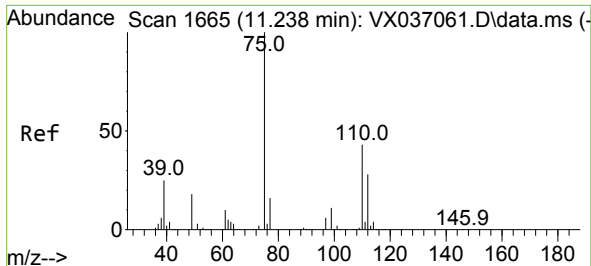
Tgt Ion:164 Resp: 497
Ion Ratio Lower Upper
164 100
166 119.5 102.7 154.1
129 99.5 80.4 120.6
131 121.1 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion:152 Resp: 74531
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 159.6 0.0 345.0

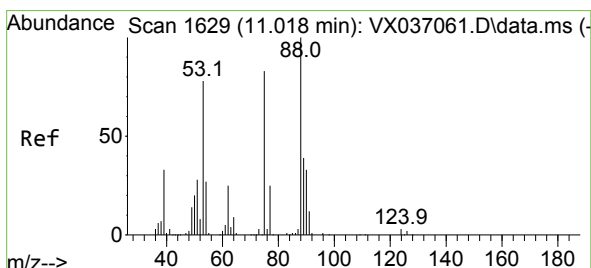
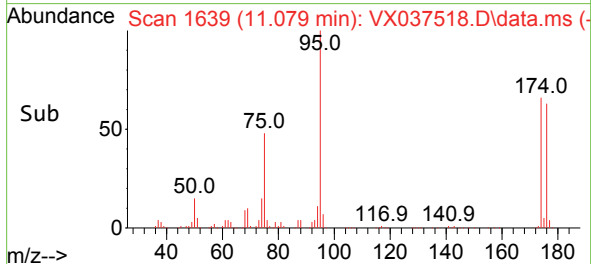
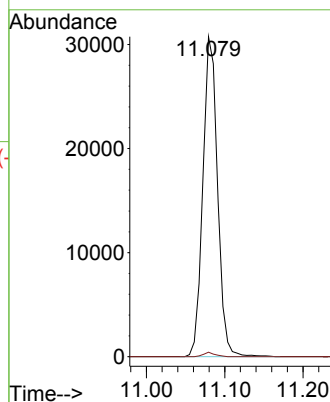
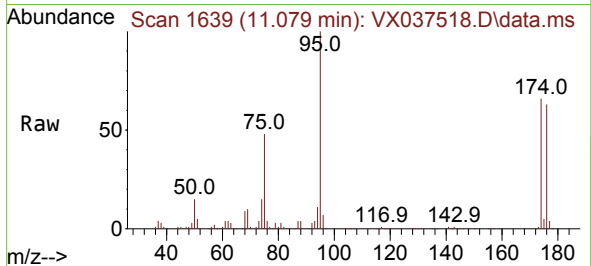




#76
1,2,3-Trichloropropane
Concen: 25.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
MW-01-9.5-082923RE

Tgt Ion: 75 Resp: 40039
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037518.D
Acq: 05 Sep 2023 17:36

Tgt Ion: 75 Resp: 40039
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

