

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037315.D
 Acq On : 29 Aug 2023 03:09
 Operator : JC/MD
 Sample : 04126-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20230820

Quant Time: Aug 29 05:32:25 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)

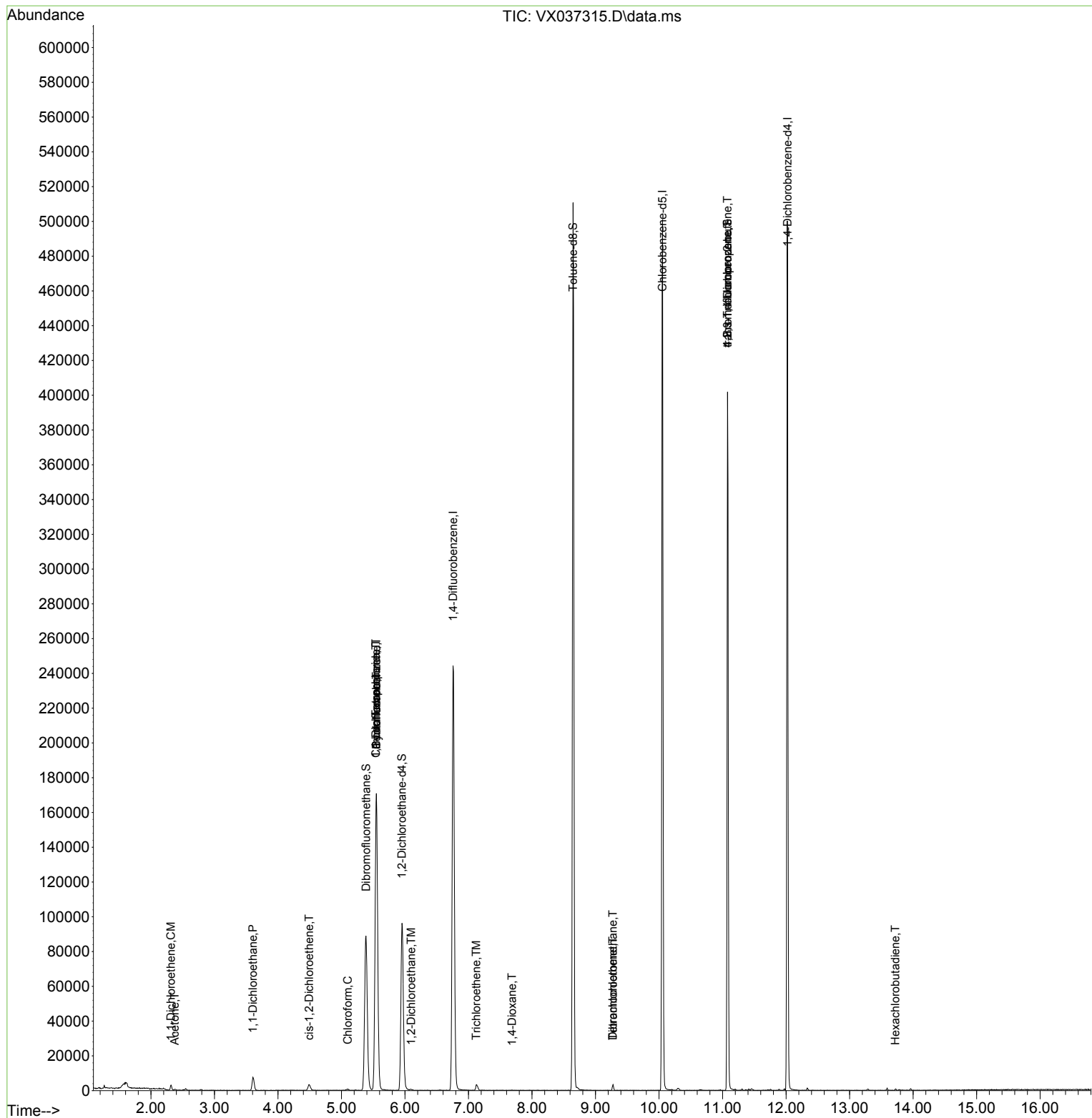
Internal Standards						
1) Pentafluorobenzene	5.550	168	160004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	260584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97386	42.218	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.440%
35) Dibromofluoromethane	5.385	113	80107	46.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	309148	49.384	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	113382	46.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	1019	0.619	ug/l	82
16) Acetone	2.374	43	671	0.744	ug/l #	84
24) 1,1-Dichloroethane	3.605	63	8844	2.696	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	2398	1.086	ug/l	78
30) Chloroform	5.099	83	884	0.240	ug/l	92
31) Cyclohexane	5.550	56	3057	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12596	5.137	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16646	6.250	ug/l #	14
42) 1,2-Dichloroethane	6.099	62	732	0.265	ug/l #	77
44) Trichloroethene	7.123	130	1604	0.804	ug/l	87
49) 1,4-Dioxane	7.684	88	90	1.723	ug/l #	38
60) Dibromochloromethane	9.275	129	581	0.288	ug/l #	11
64) Tetrachloroethene	9.275	164	615	0.360	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	55773	25.414	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55773	70.982	ug/l #	5
94) Hexachlorobutadiene	13.719	225	215	0.284	ug/l	85

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

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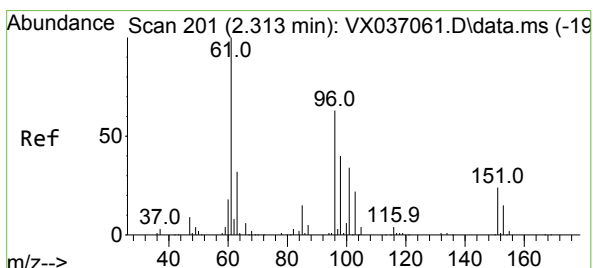
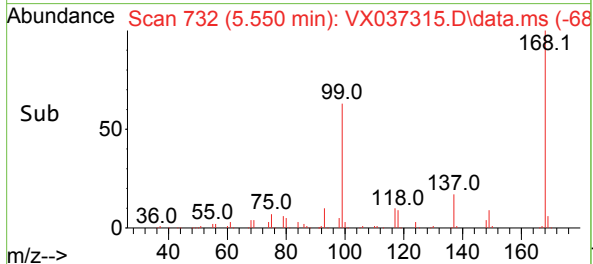
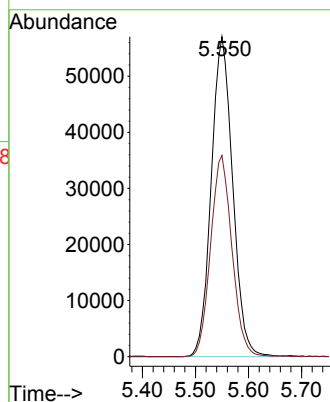
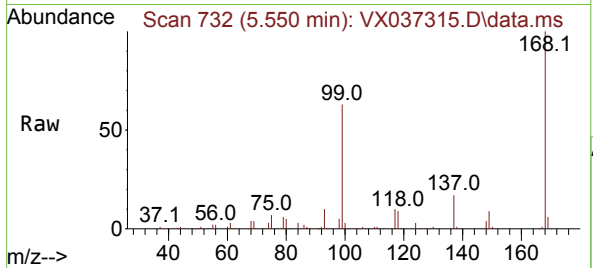




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

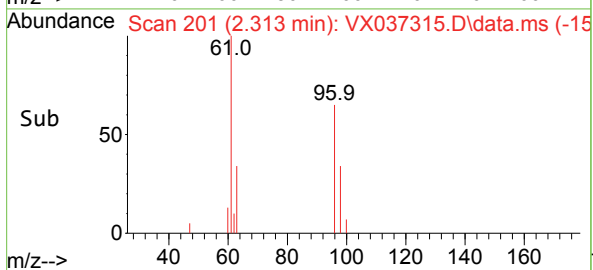
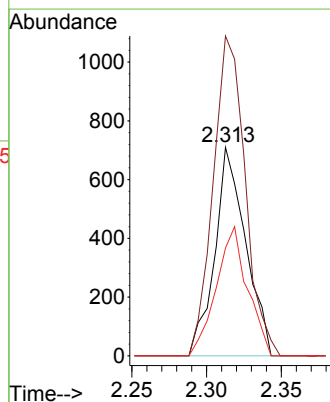
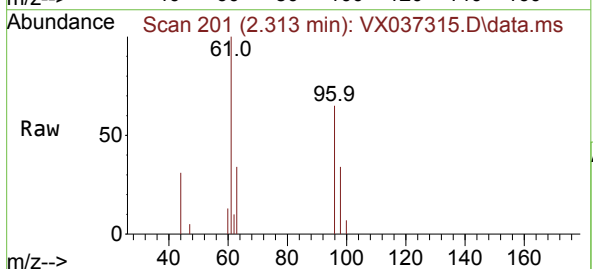
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

Tgt Ion:168 Resp: 160004
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.619 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 96 Resp: 1019
Ion Ratio Lower Upper
96 100
61 153.4 144.6 216.8
98 51.7 50.4 75.6

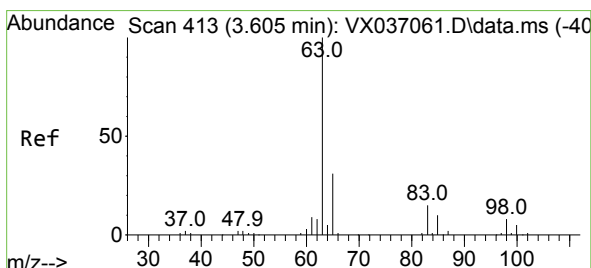
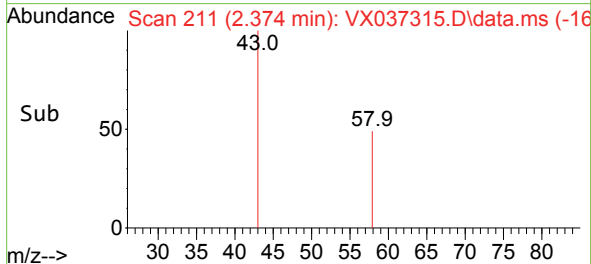
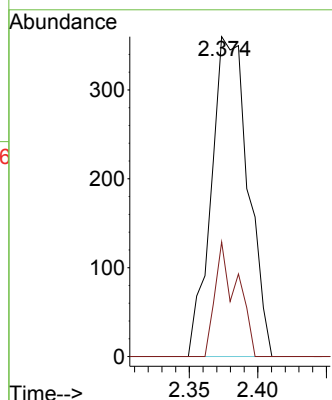
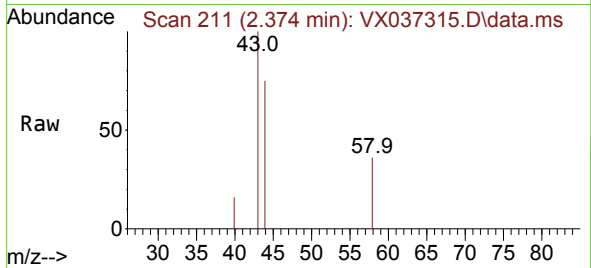




#16
Acetone
Concen: 0.744 ug/l
RT: 2.374 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

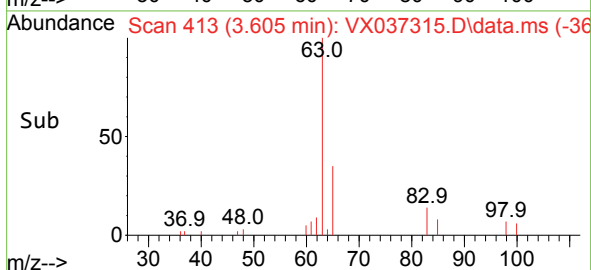
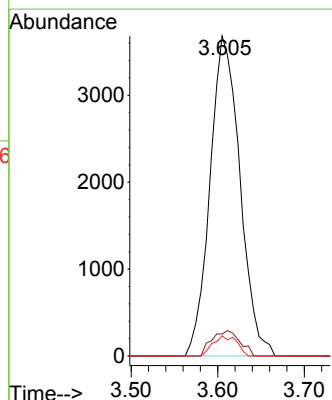
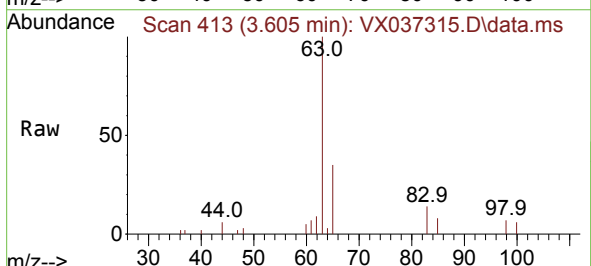
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

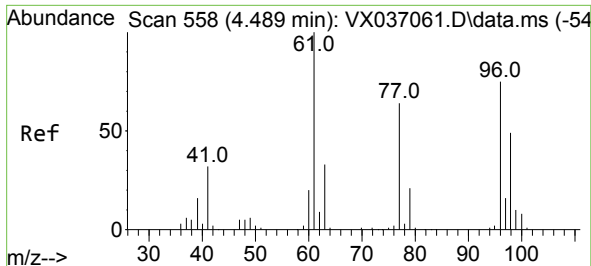
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



#24
1,1-Dichloroethane
Concen: 2.696 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 63 Resp: 8844
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 6.3 2.1 6.5

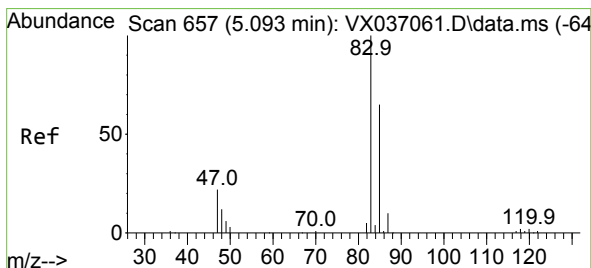
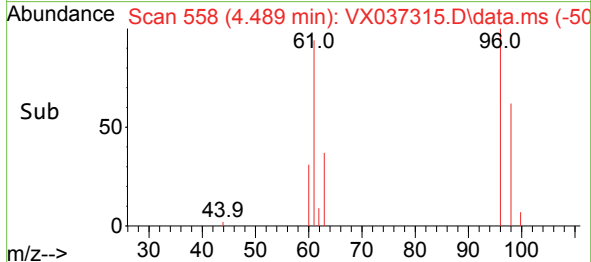
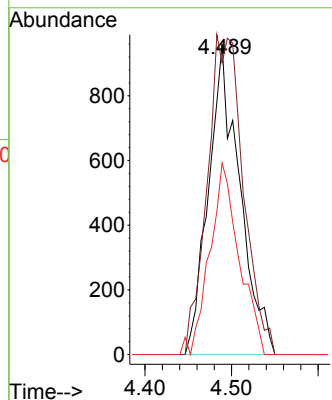
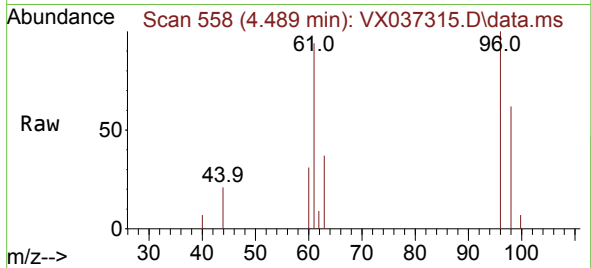




#27
 cis-1,2-Dichloroethene
 Concen: 1.086 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037315.D
 Acq: 29 Aug 2023 03:09

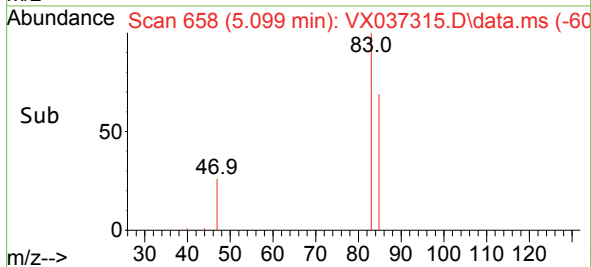
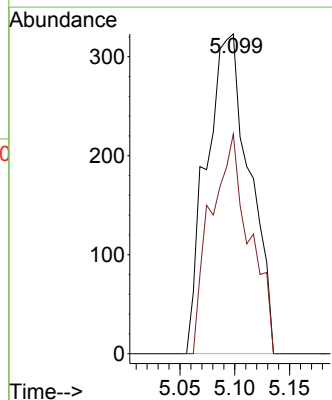
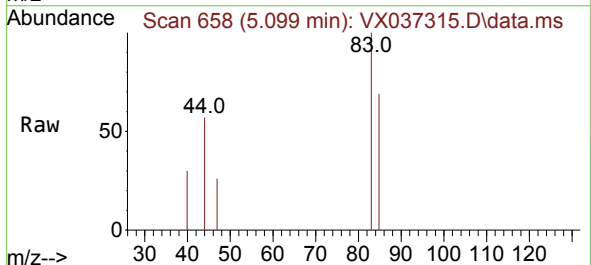
Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20230820

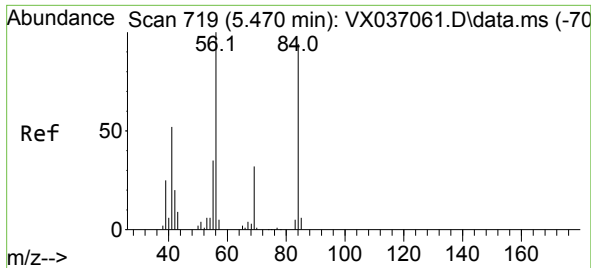
Tgt Ion: 96 Resp: 2398
 Ion Ratio Lower Upper
 96 100
 61 119.3 0.0 312.2
 98 58.5 0.0 129.0



#30
 Chloroform
 Concen: 0.240 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX037315.D
 Acq: 29 Aug 2023 03:09

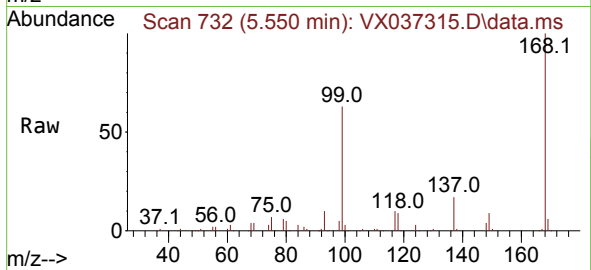
Tgt Ion: 83 Resp: 884
 Ion Ratio Lower Upper
 83 100
 85 68.7 50.3 75.5



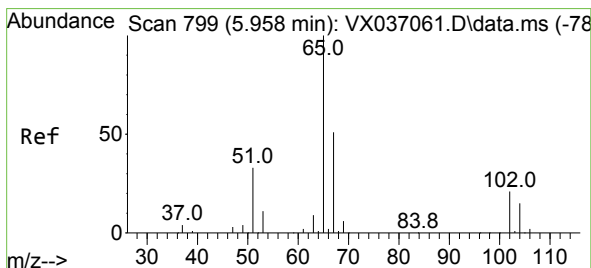
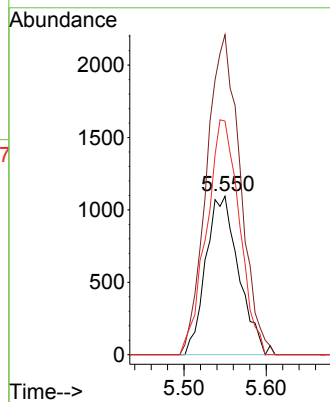
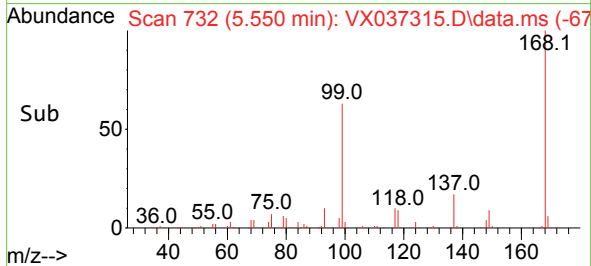


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

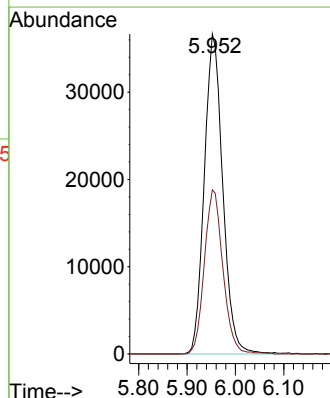
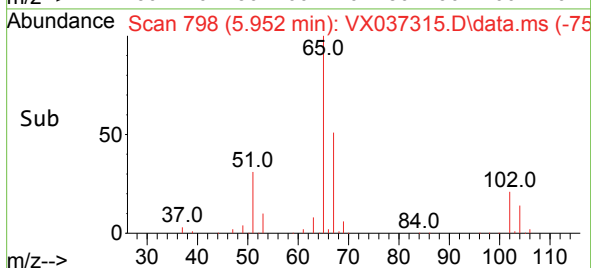
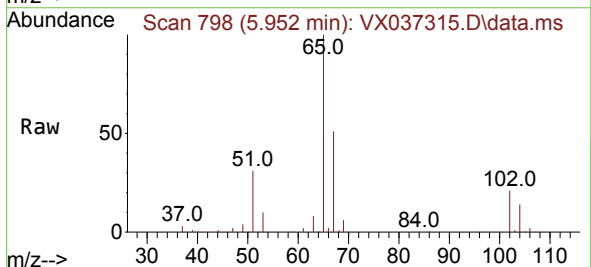


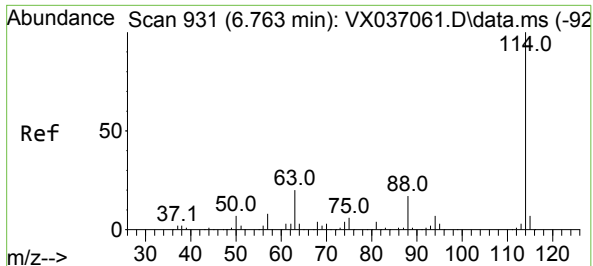
Tgt Ion: 56 Resp: 3057
Ion Ratio Lower Upper
56 100
69 202.0 23.4 35.2#
84 147.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.218 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 65 Resp: 97386
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

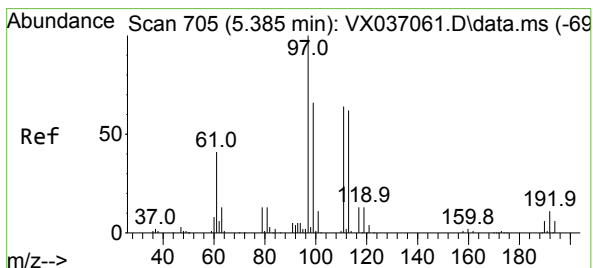
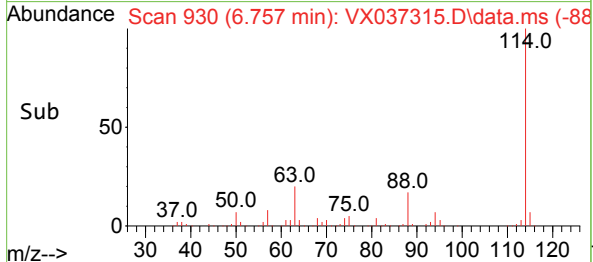
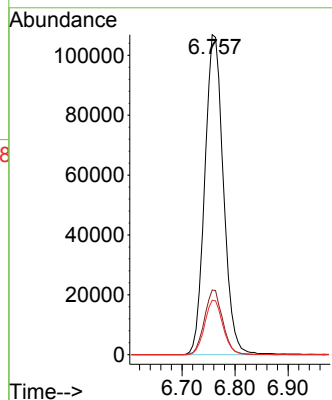
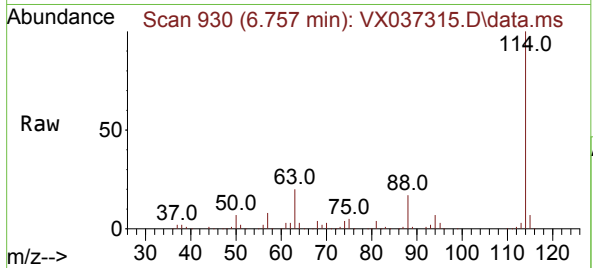




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

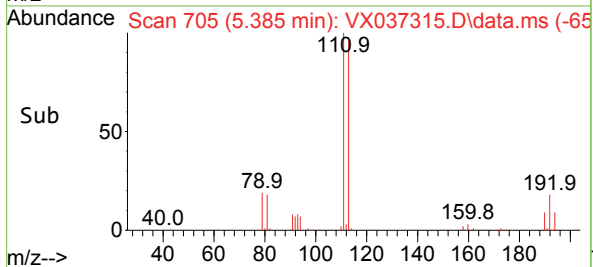
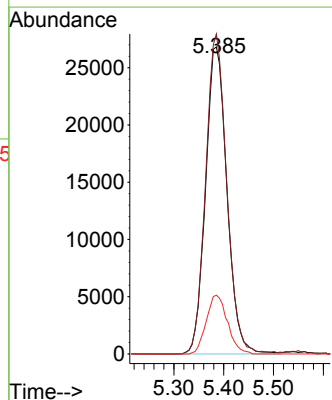
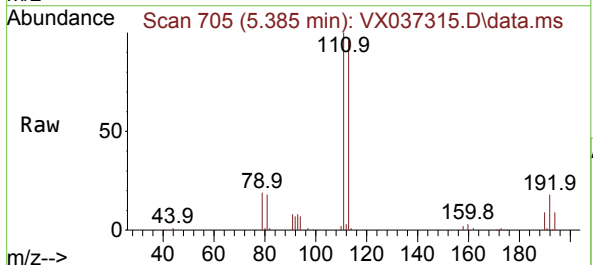
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ClientSampleId :
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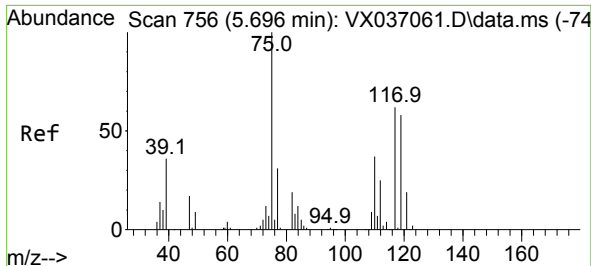
Tgt Ion:114 Resp: 260584
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion:113 Resp: 80107
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.9 13.3 19.9

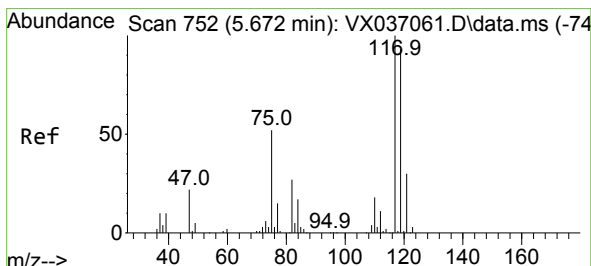
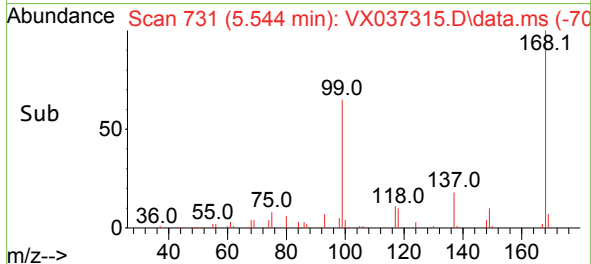
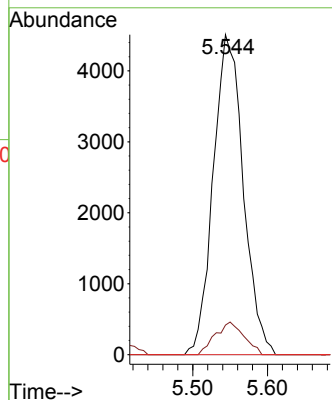
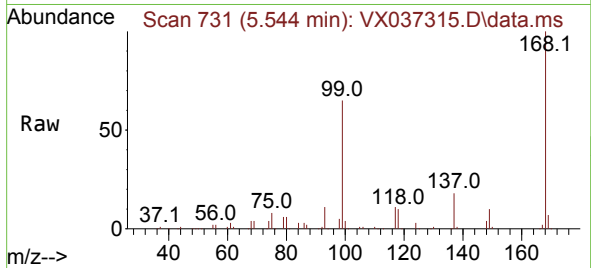




#36
1,1-Dichloropropene
Concen: 5.137 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

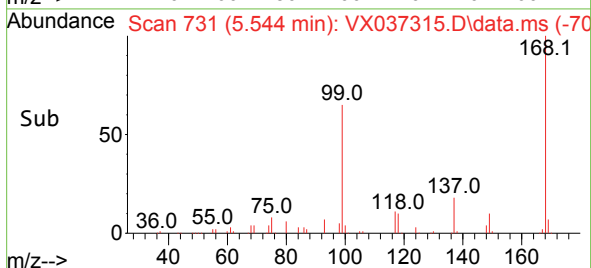
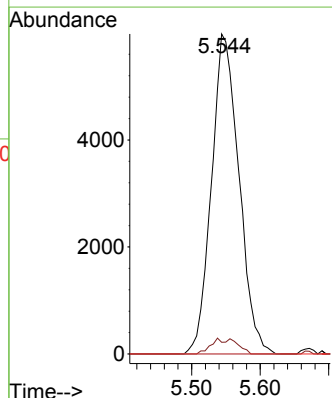
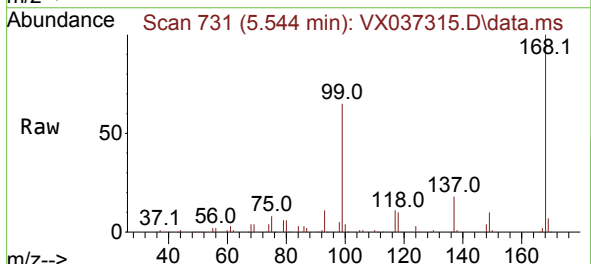
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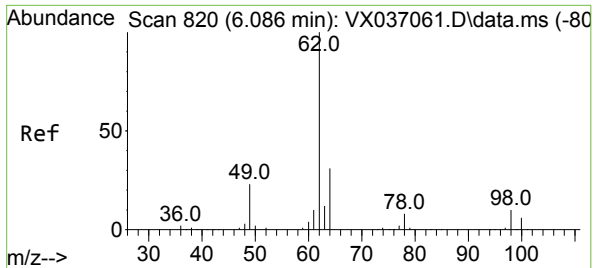
Tgt Ion: 75 Resp: 12596
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.250 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 117 Resp: 16646
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.265 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX037315.D

Acq: 29 Aug 2023 03:09

Instrument :

MSVOA_X

ClientSampleId :

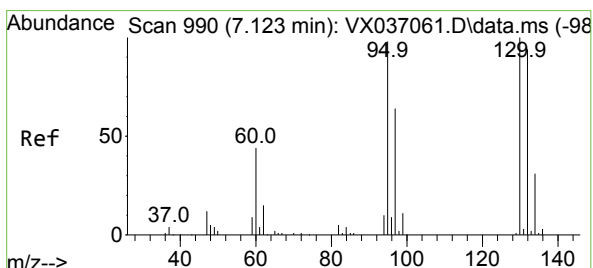
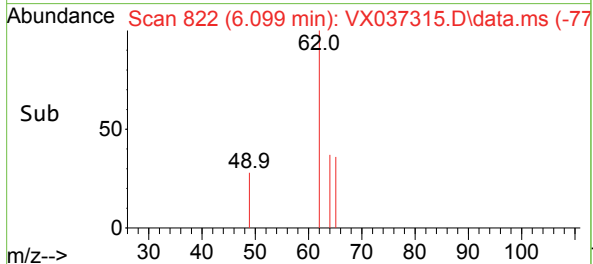
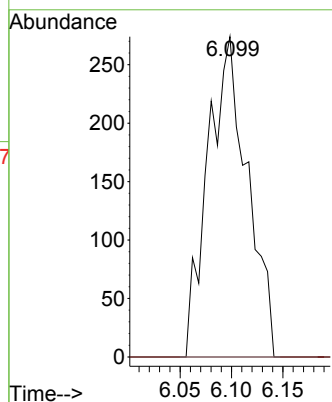
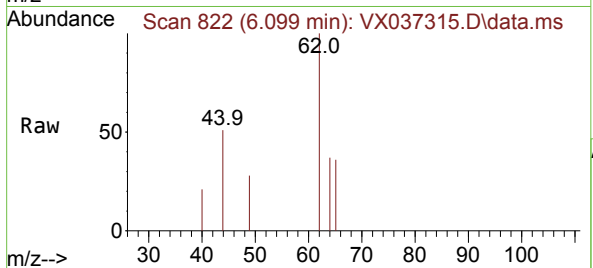
MW203D2-20230820

Tgt Ion: 62 Resp: 732

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 0.804 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037315.D

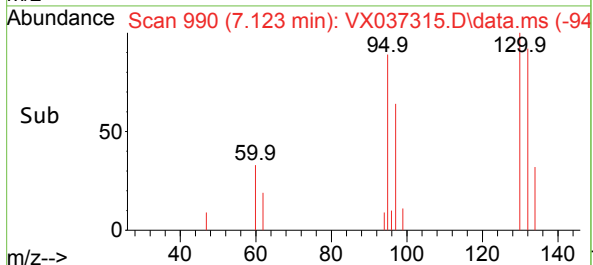
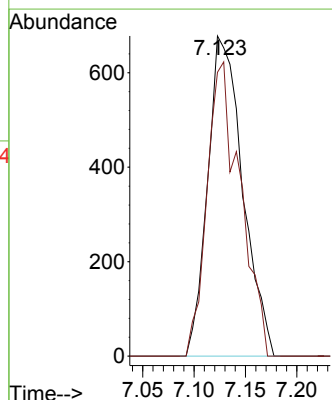
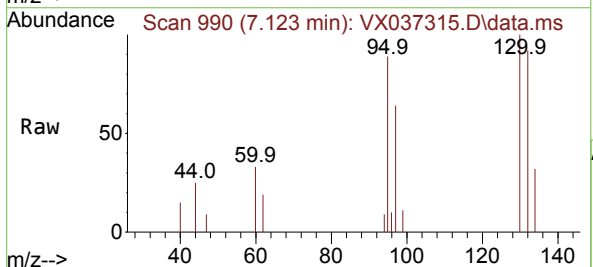
Acq: 29 Aug 2023 03:09

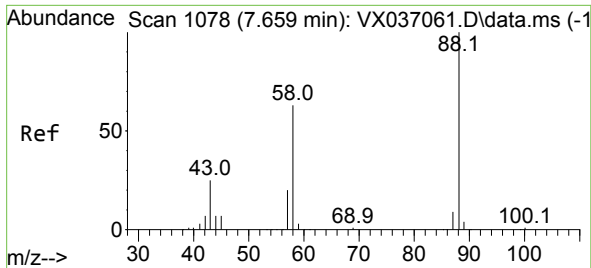
Tgt Ion:130 Resp: 1604

Ion Ratio Lower Upper

130 100

95 88.6 0.0 204.4





#49

1,4-Dioxane

Concen: 1.723 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.024 min

Lab File: VX037315.D

Acq: 29 Aug 2023 03:09

Instrument :

MSVOA_X

ClientSampleId :

MW203D2-20230820

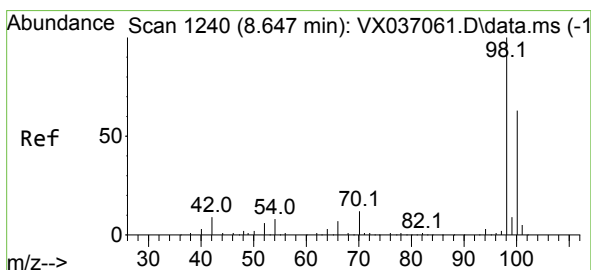
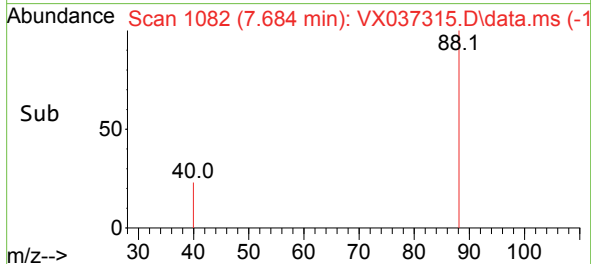
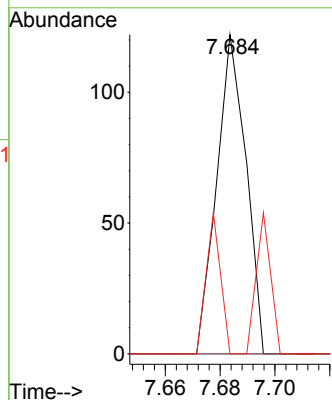
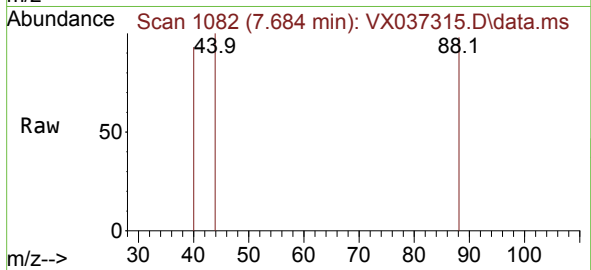
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 22.2 60.1 90.1#



#50

Toluene-d8

Concen: 49.384 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037315.D

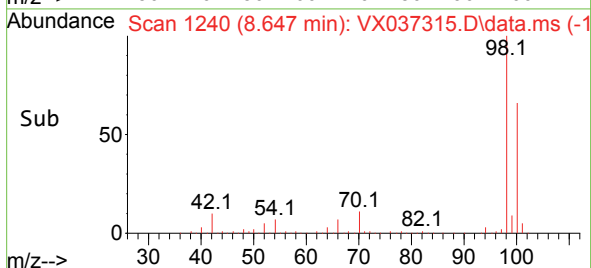
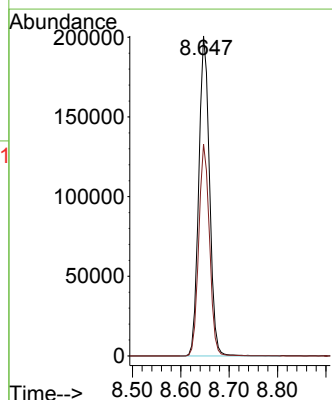
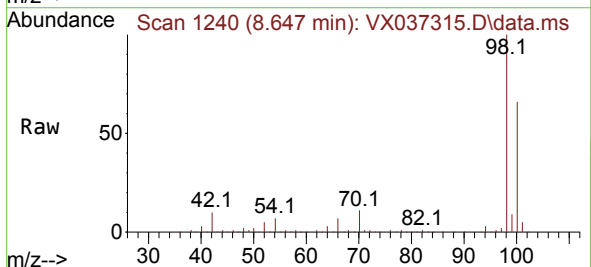
Acq: 29 Aug 2023 03:09

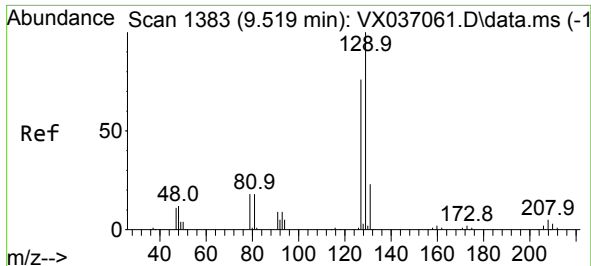
Tgt Ion: 98 Resp: 309148

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

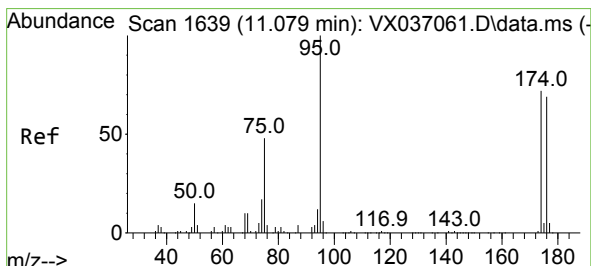
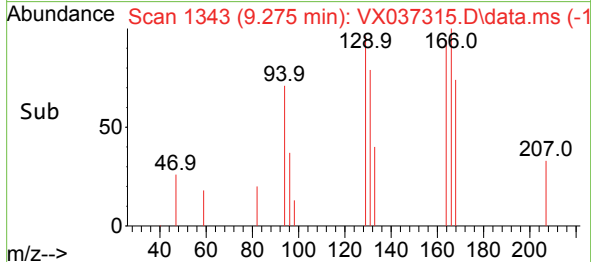
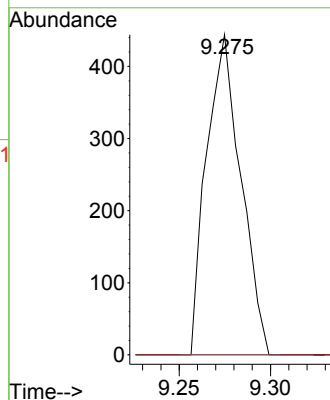
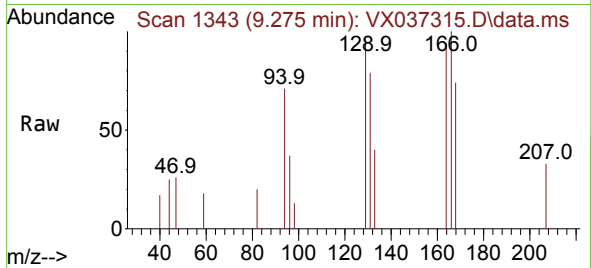




#60
Dibromochloromethane
Concen: 0.288 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

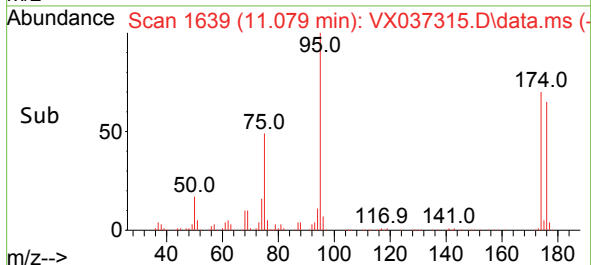
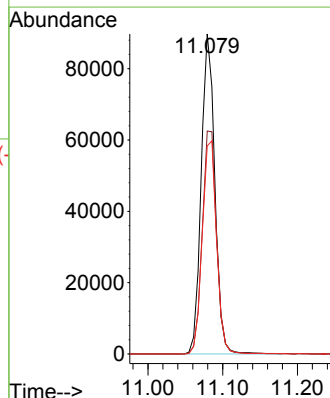
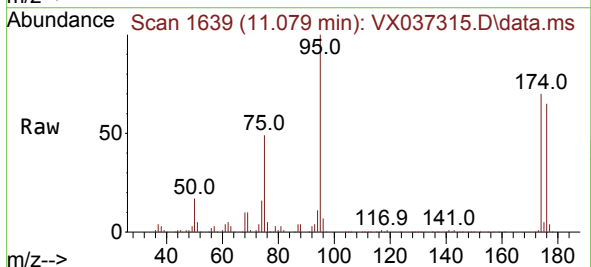
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

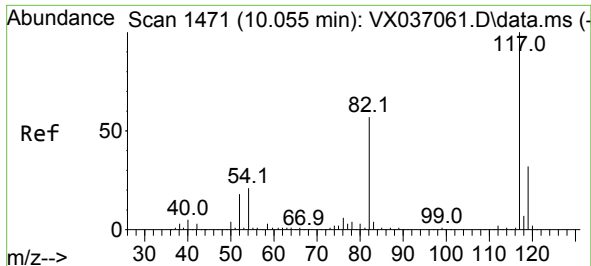
Tgt Ion:129 Resp: 581
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 95 Resp: 113382
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.0 0.0 131.0

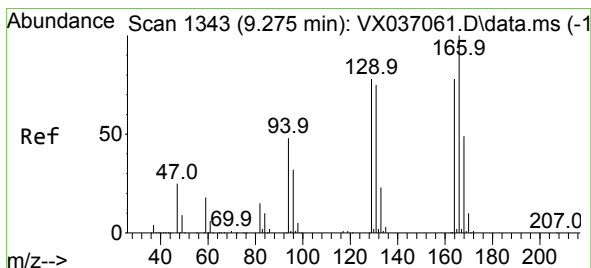
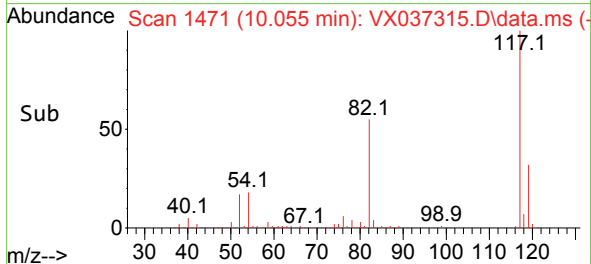
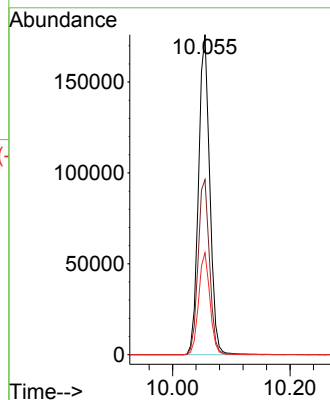
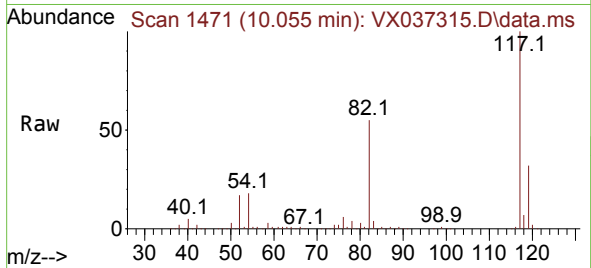




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

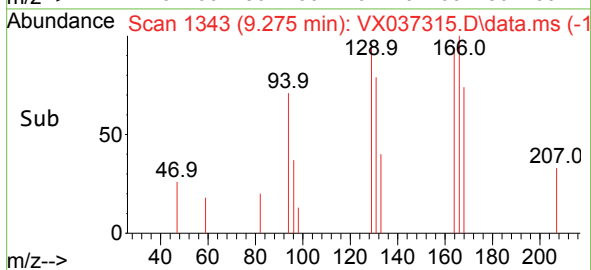
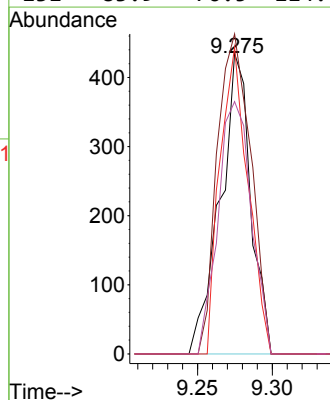
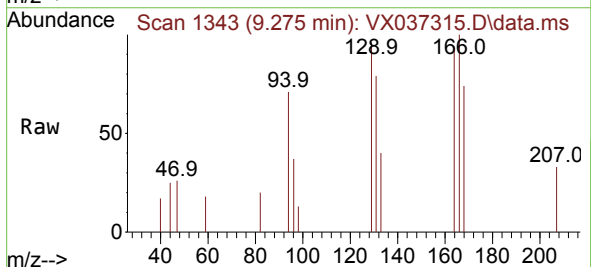
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

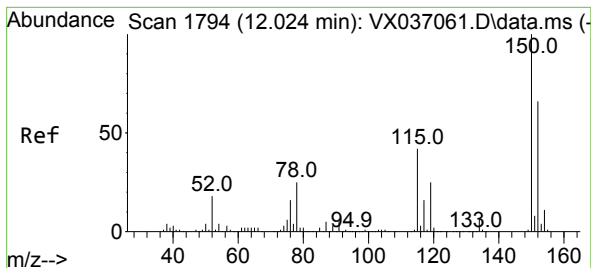
Tgt Ion:117 Resp: 234093
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.360 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion:164 Resp: 615
Ion Ratio Lower Upper
164 100
166 106.4 102.7 154.1
129 102.1 80.4 120.6
131 83.9 76.5 114.7

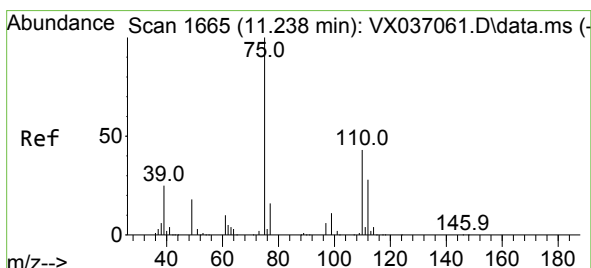
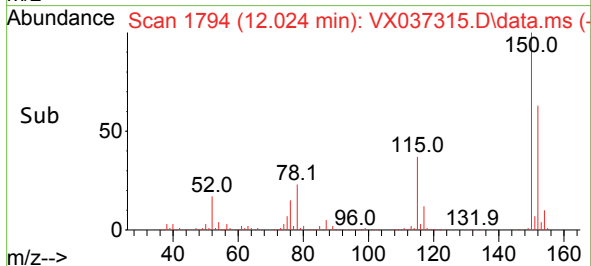
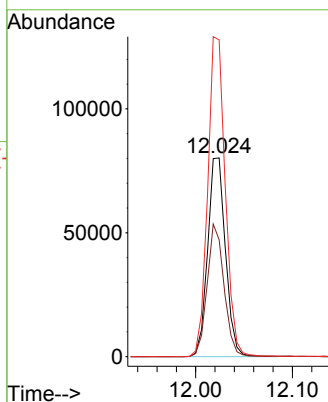
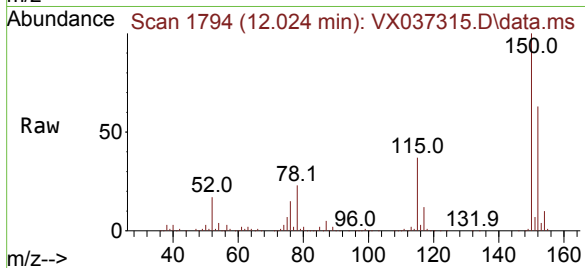




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

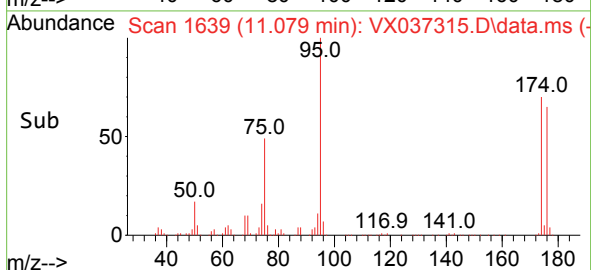
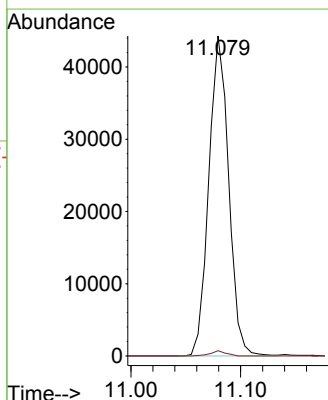
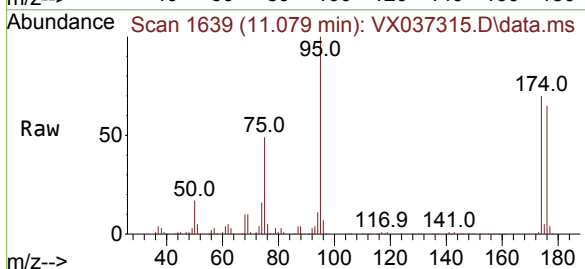
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

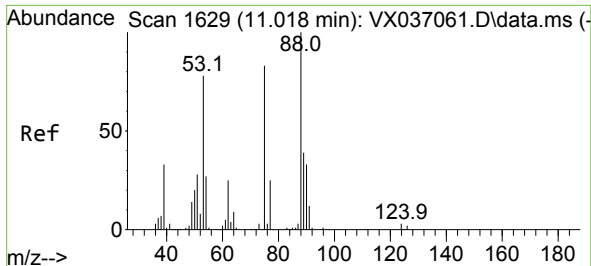
Tgt Ion:152 Resp: 103048
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 158.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 75 Resp: 55773
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

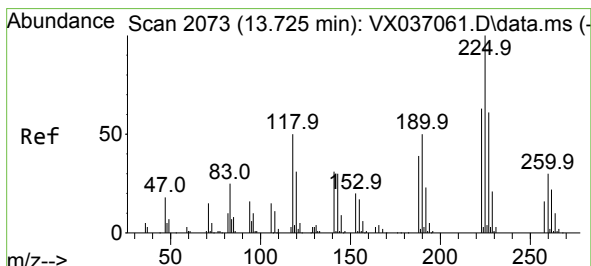
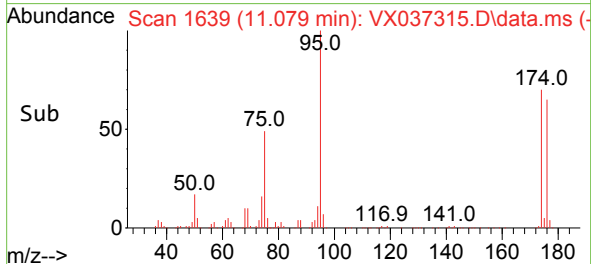
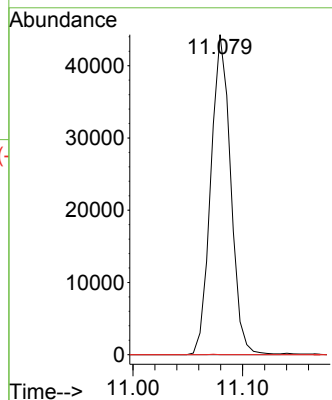
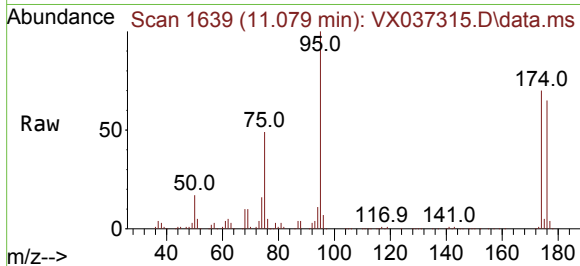




#81
trans-1,4-Dichloro-2-butene
Concen: 70.982 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20230820

Tgt Ion: 75 Resp: 55773
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.284 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX037315.D
Acq: 29 Aug 2023 03:09

Tgt Ion: 225 Resp: 215
Ion Ratio Lower Upper
225 100
223 50.2 31.1 93.2
227 76.7 32.5 97.5

