

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037450.D
 Acq On : 31 Aug 2023 23:09
 Operator : JC/MD
 Sample : 04252-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-50-083023

Quant Time: Sep 01 03:19:40 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)

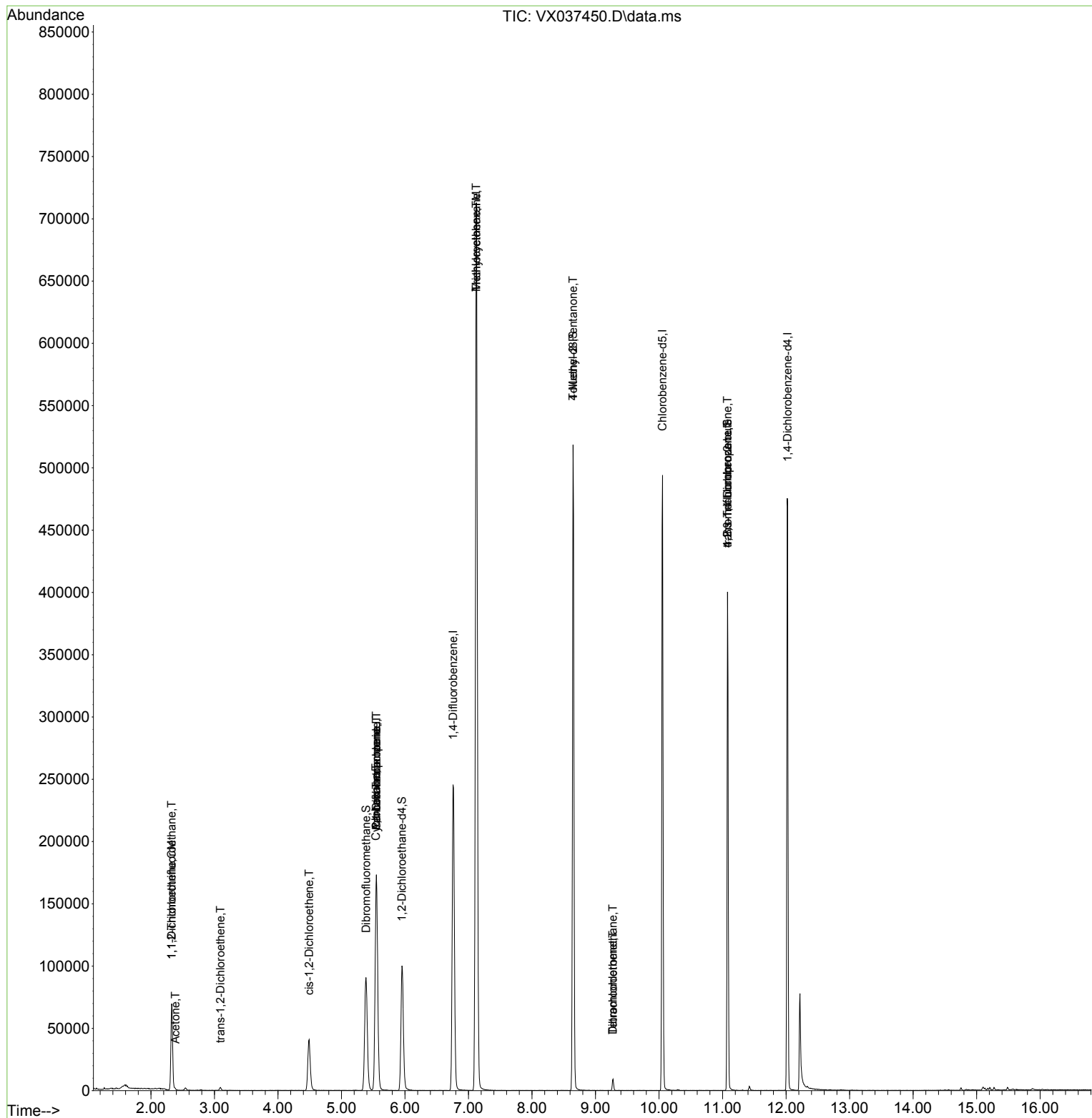
Internal Standards						
1) Pentafluorobenzene	5.550	168	162384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	268615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99022	42.298	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.600%
35) Dibromofluoromethane	5.385	113	82494	46.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	314846	48.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	112622	44.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	28284	16.477	ug/l	95
12) 1,1-Dichloroethene	2.325	96	479	0.287	ug/l #	64
16) Acetone	2.386	43	1353	1.477	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	1170	0.616	ug/l	80
27) cis-1,2-Dichloroethene	4.489	96	27512	12.281	ug/l	80
31) Cyclohexane	5.544	56	2957	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12667	5.012	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17329	6.312	ug/l #	15
39) Methylcyclohexane	7.123	83	3354	1.263	ug/l #	1
44) Trichloroethene	7.123	130	282400	137.394	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1084	0.436	ug/l #	1
60) Dibromochloromethane	9.275	129	1838	0.885	ug/l #	11
64) Tetrachloroethene	9.275	164	1850	1.075	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	54523	24.406	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54523	68.168	ug/l #	5

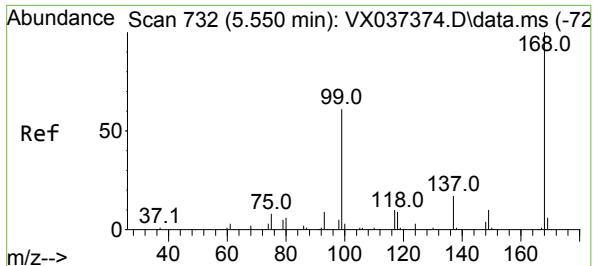
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

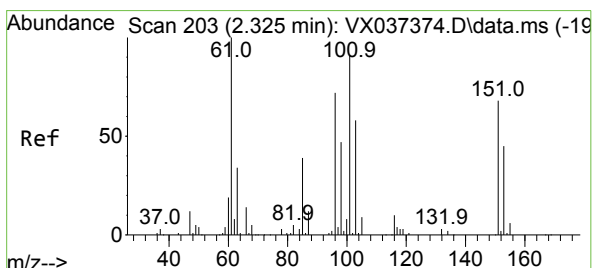
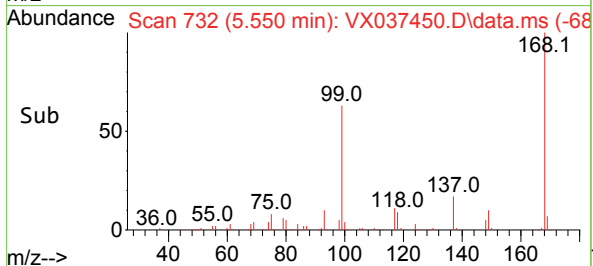
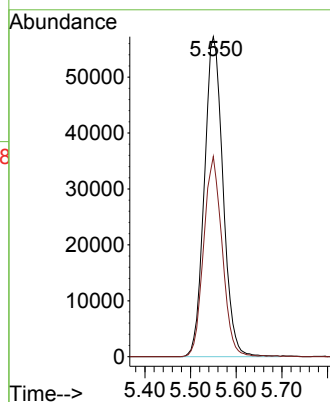
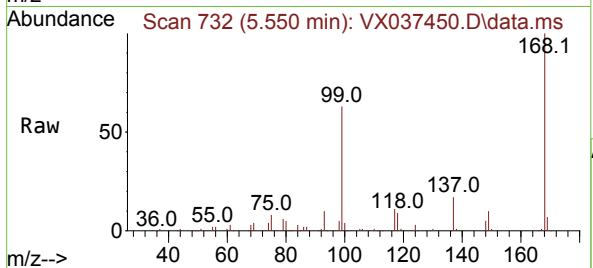




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

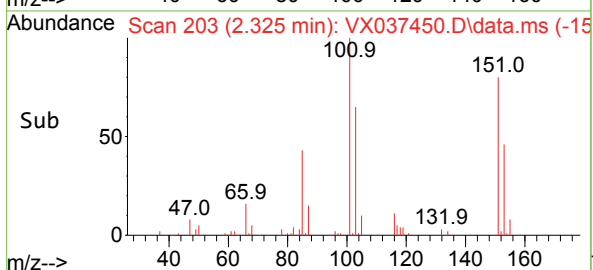
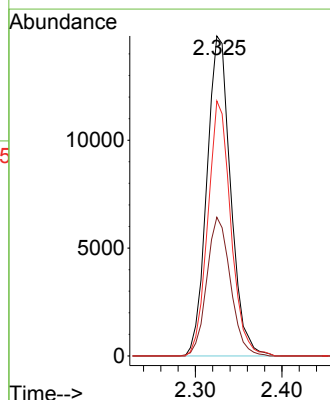
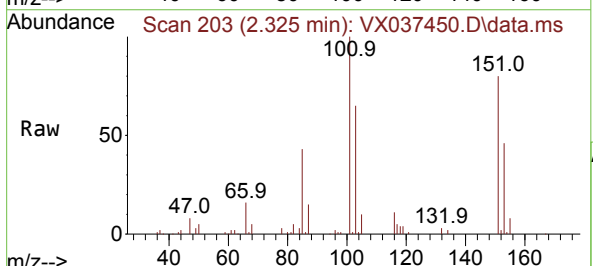
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

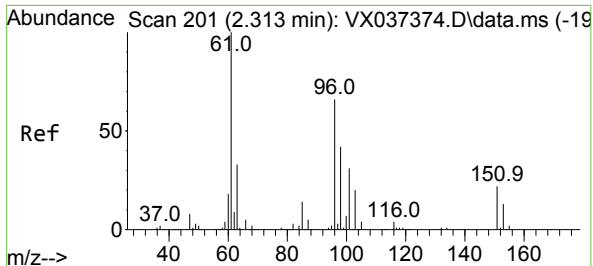
Tgt Ion:168 Resp: 162384
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.477 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion:101 Resp: 28284
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.6
151 76.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.287 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX037450.D

Acq: 31 Aug 2023 23:09

Instrument :

MSVOA_X

ClientSampleId :

MW-12B-50-083023

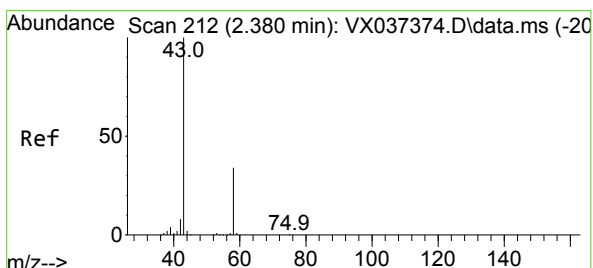
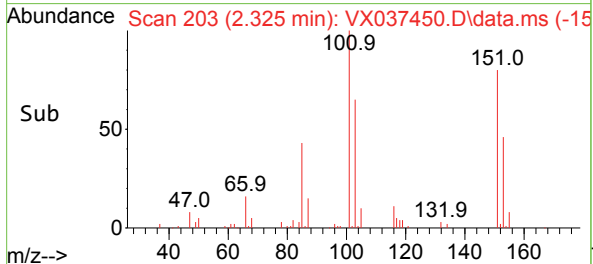
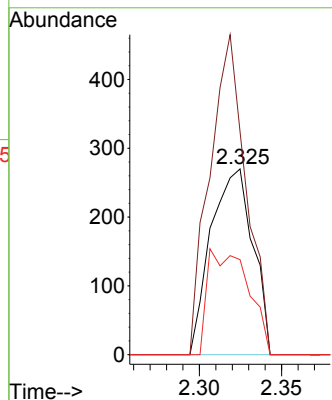
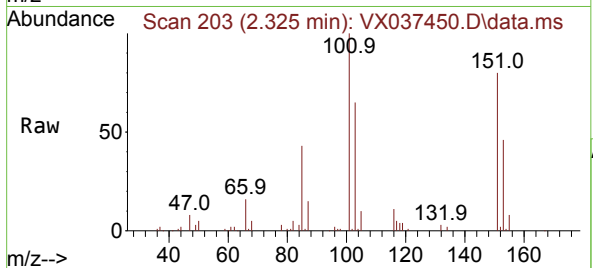
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 120.0 144.6 216.8#

98 51.1 50.4 75.6



#16

Acetone

Concen: 1.477 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037450.D

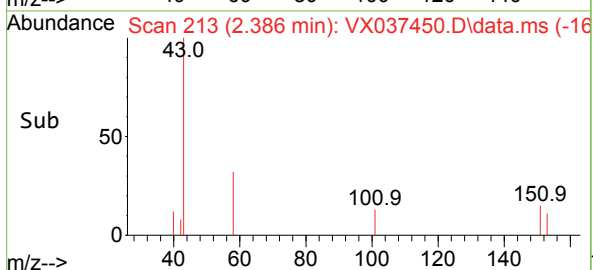
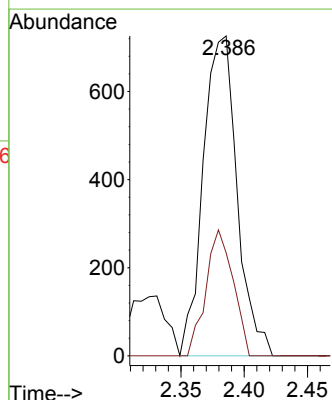
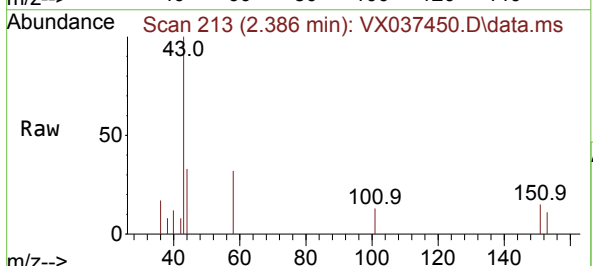
Acq: 31 Aug 2023 23:09

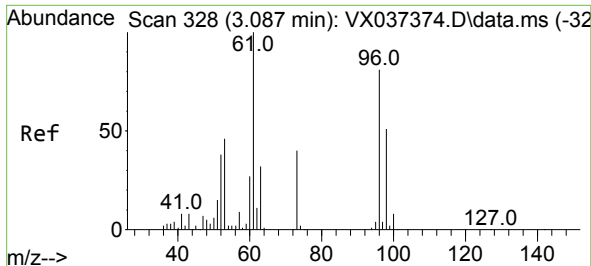
Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 32.2 21.9 32.9

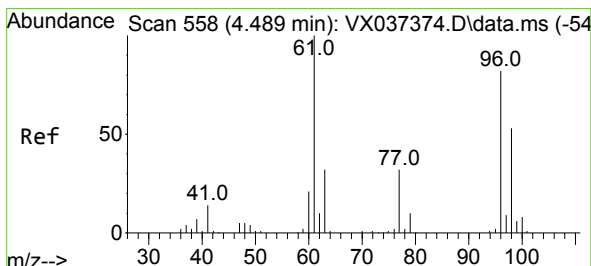
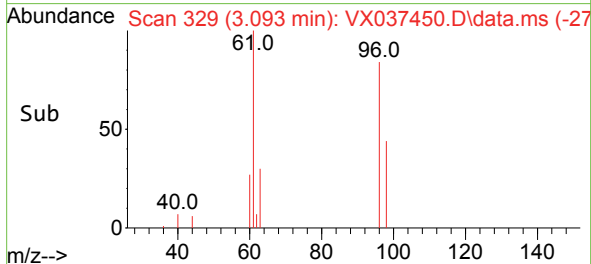
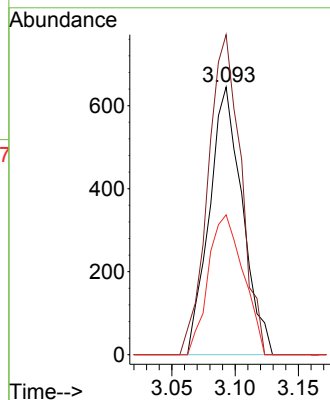
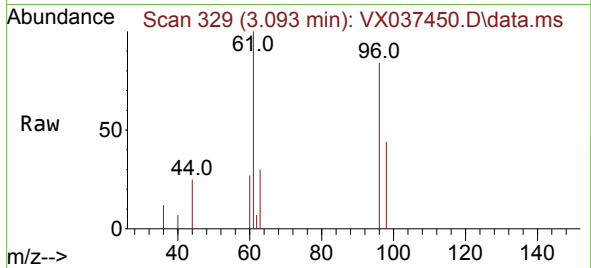




#21
trans-1,2-Dichloroethene
Concen: 0.616 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

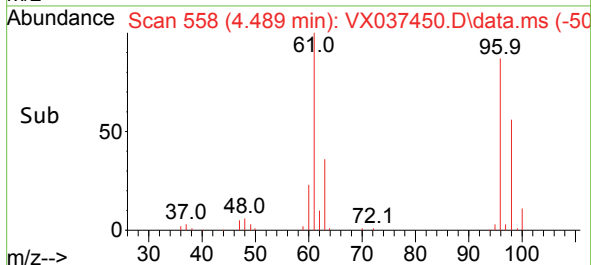
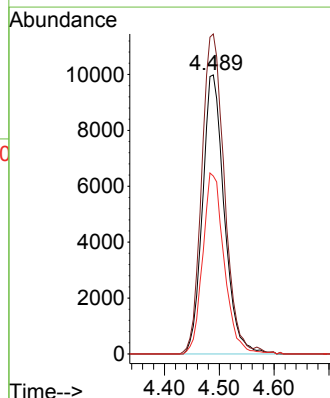
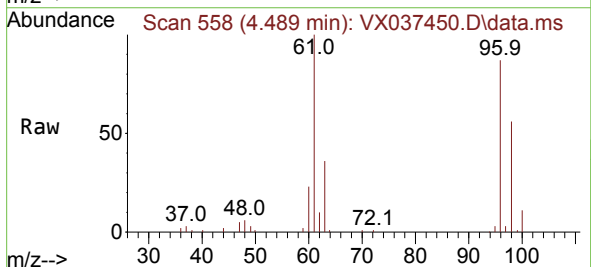
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

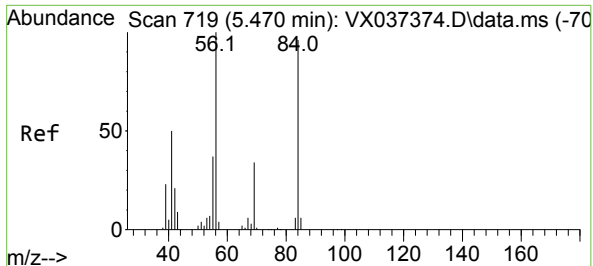
Tgt Ion: 96 Resp: 1170
Ion Ratio Lower Upper
96 100
61 119.5 119.2 178.8
98 52.2 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 12.281 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

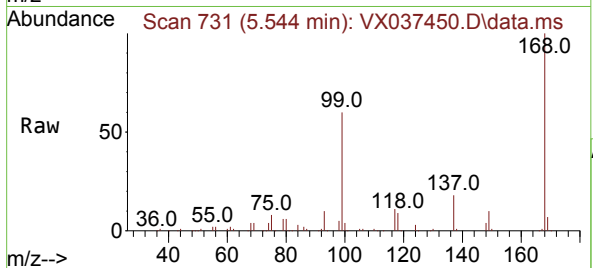
Tgt Ion: 96 Resp: 27512
Ion Ratio Lower Upper
96 100
61 119.9 0.0 312.2
98 64.2 0.0 129.0



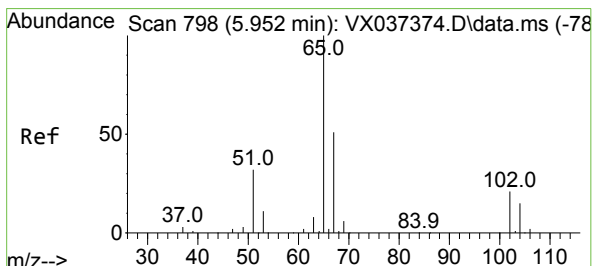
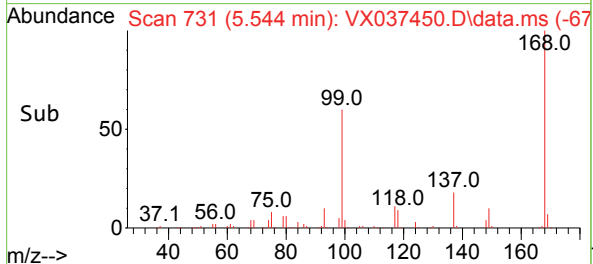
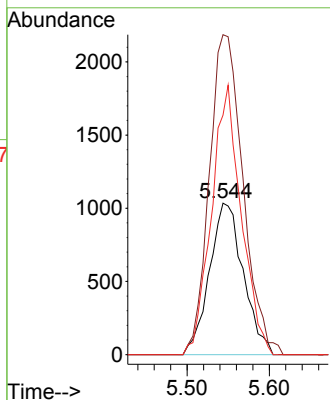


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

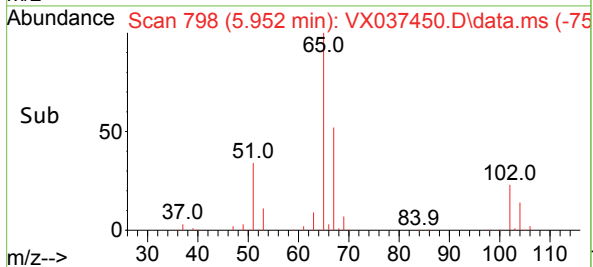
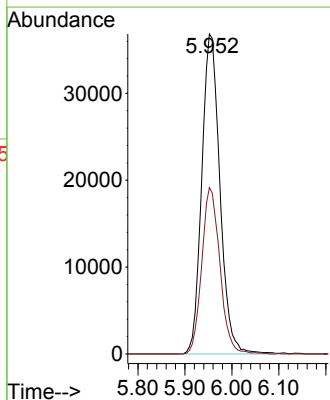
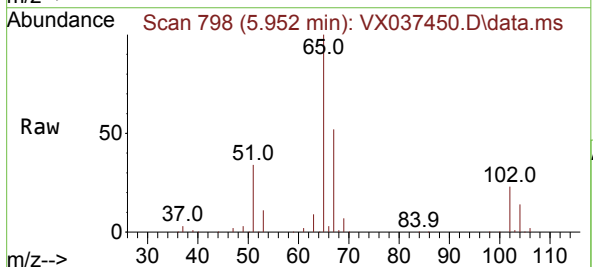


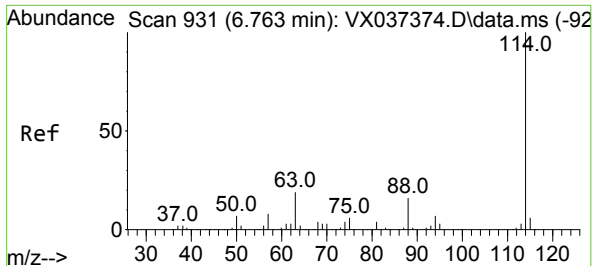
Tgt Ion: 56 Resp: 2957
Ion Ratio Lower Upper
56 100
69 211.2 23.4 35.2#
84 158.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.298 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion: 65 Resp: 99022
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

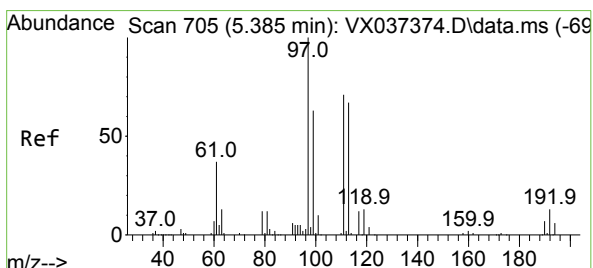
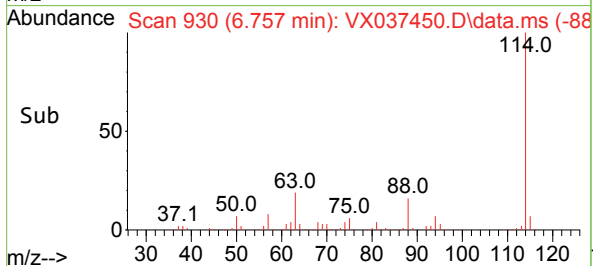
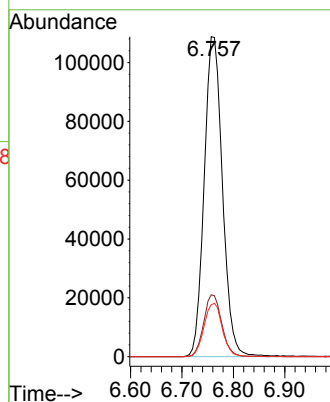
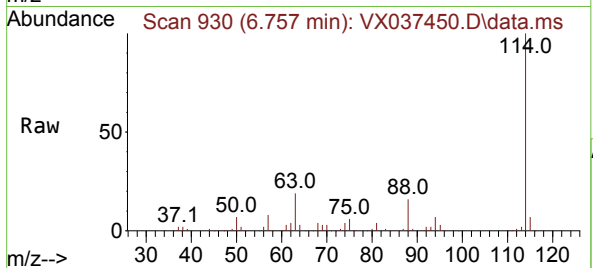




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

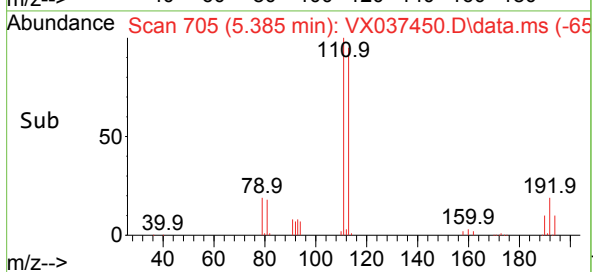
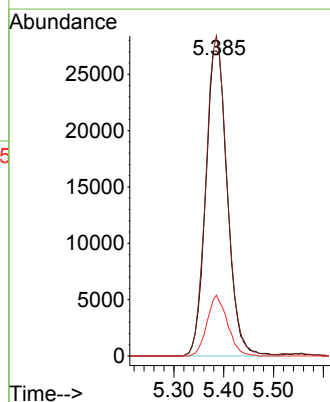
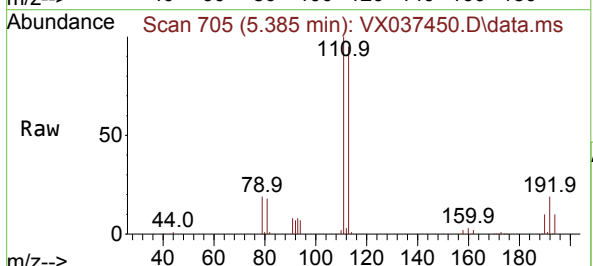
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ClientSampleId :
MW-12B-50-083023

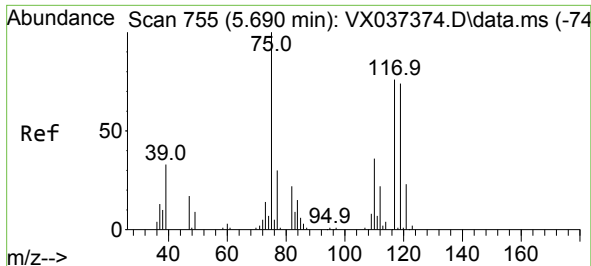
Tgt Ion:114 Resp: 268615
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion:113 Resp: 82494
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.5 13.3 19.9

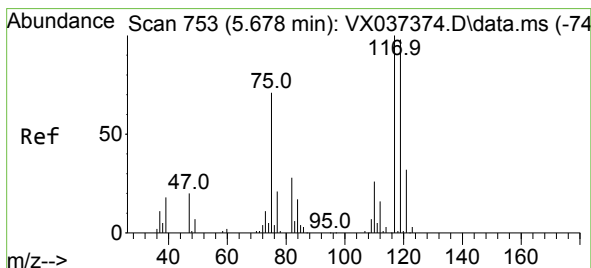
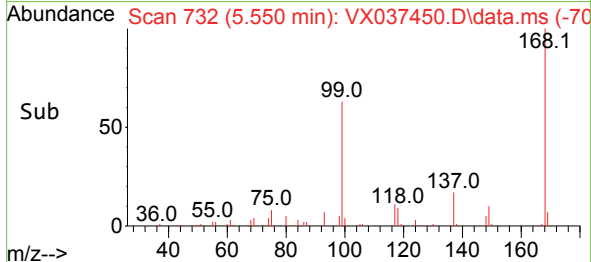
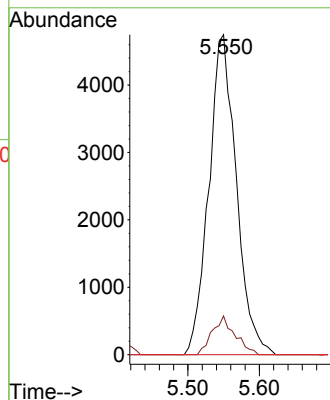
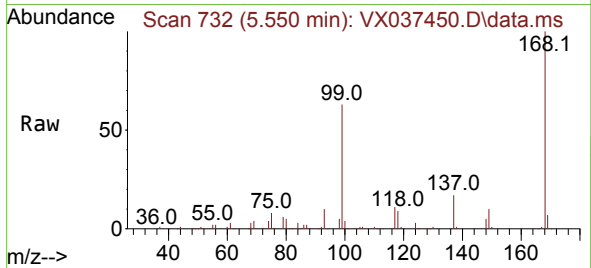




#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

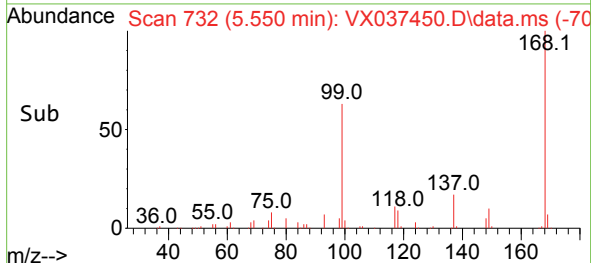
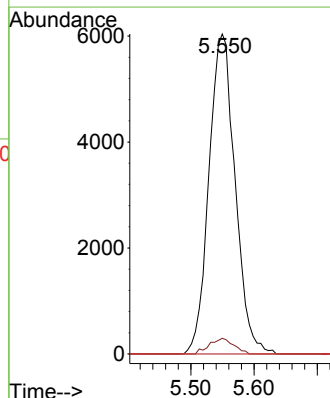
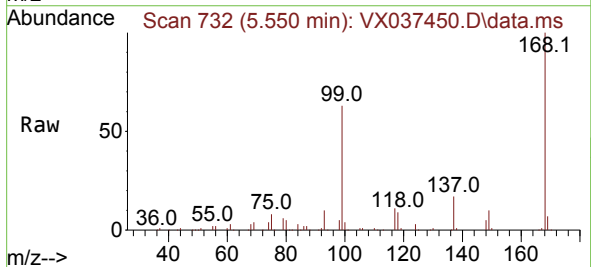
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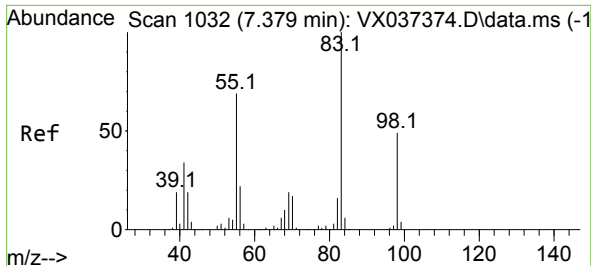
Tgt Ion: 75 Resp: 12667
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion: 117 Resp: 17329
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.263 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX037450.D

Acq: 31 Aug 2023 23:09

Instrument :

MSVOA_X

ClientSampleId :

MW-12B-50-083023

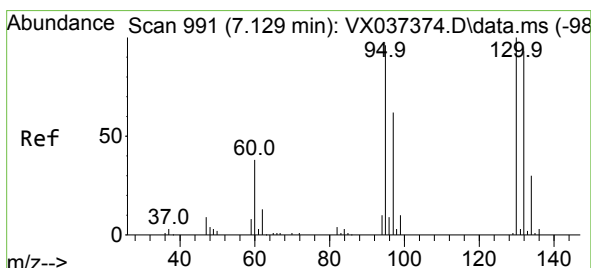
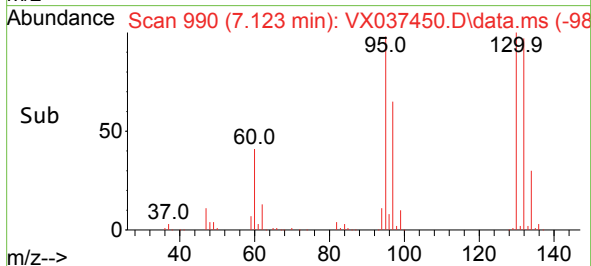
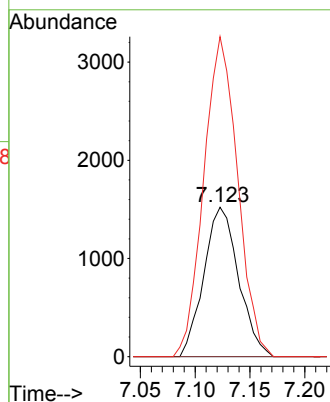
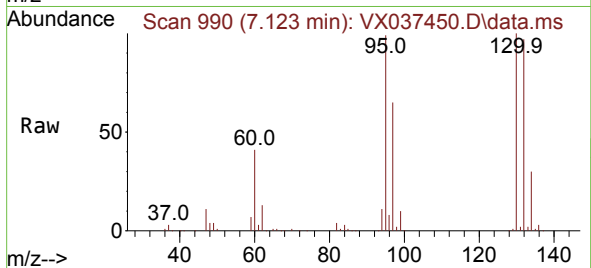
Tgt Ion: 83 Resp: 3354

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 214.1 36.7 55.1#



#44

Trichloroethene

Concen: 137.394 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037450.D

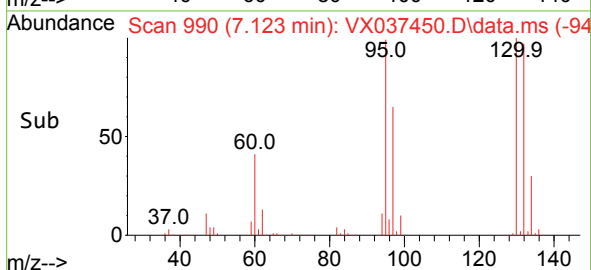
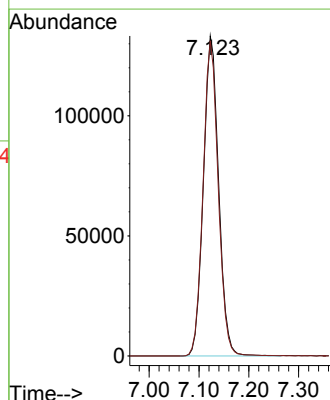
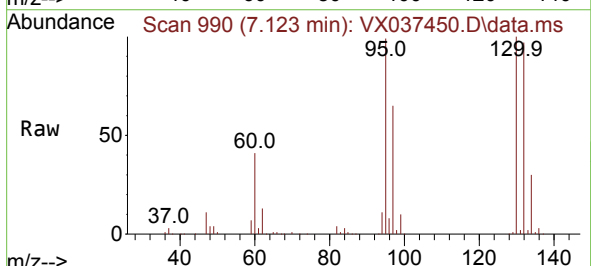
Acq: 31 Aug 2023 23:09

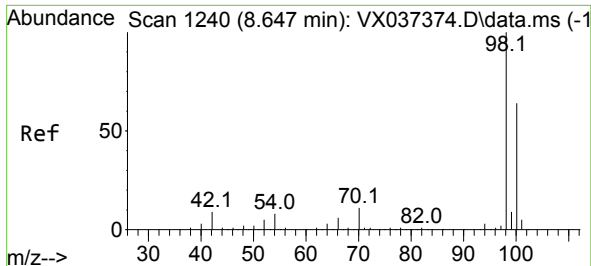
Tgt Ion:130 Resp: 282400

Ion Ratio Lower Upper

130 100

95 98.5 0.0 204.4

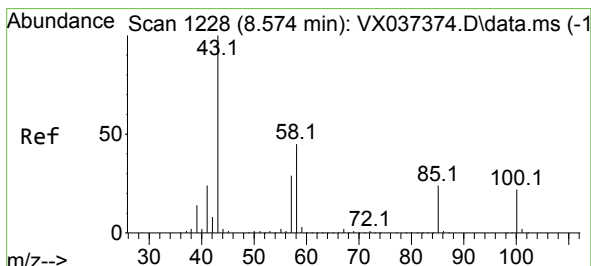
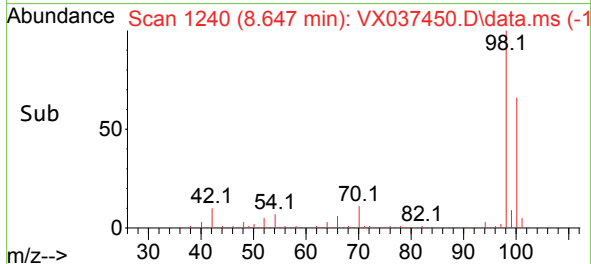
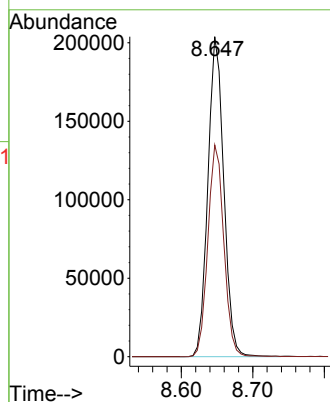
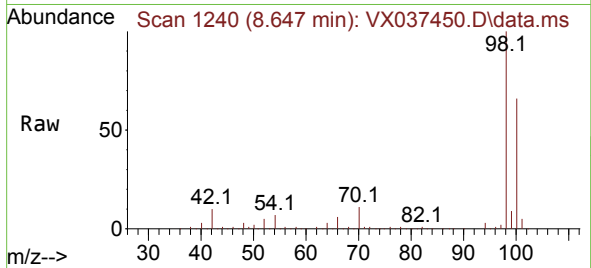




#50
Toluene-d8
Concen: 48.791 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

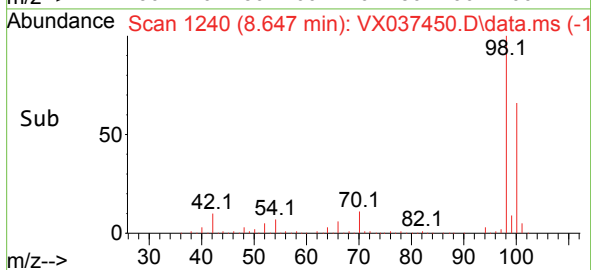
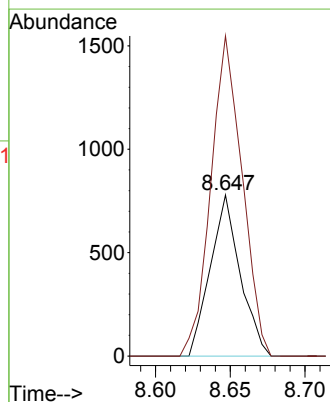
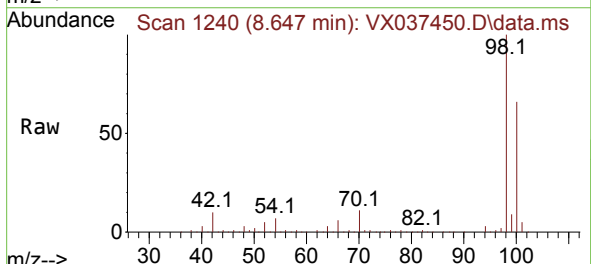
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

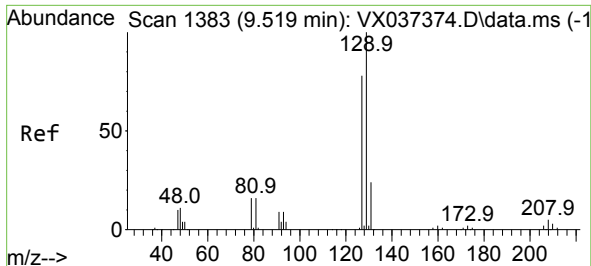
Tgt Ion: 98 Resp: 314846
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.436 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 207.9 30.4 45.6#

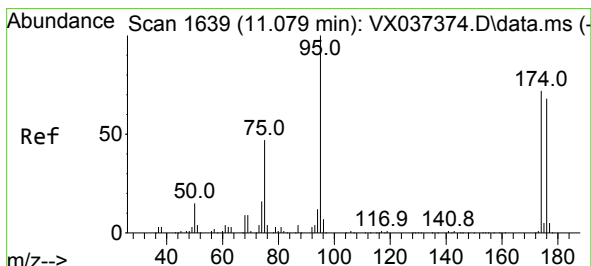
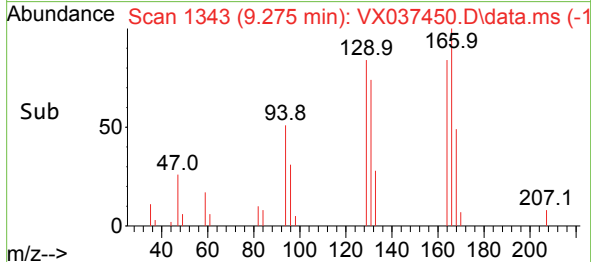
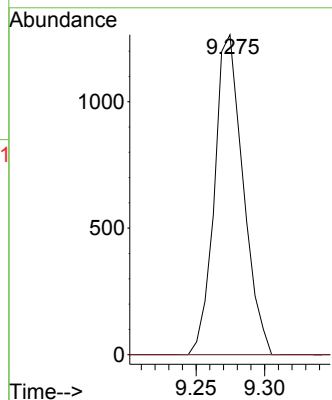
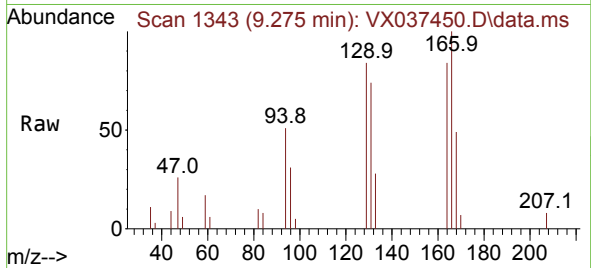




#60
Dibromochloromethane
Concen: 0.885 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

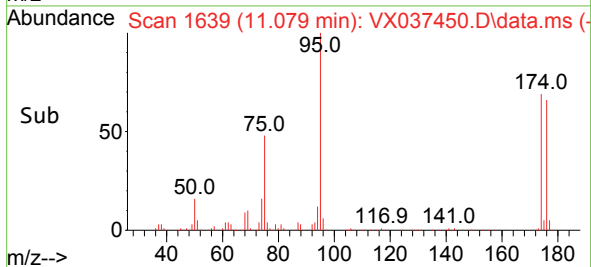
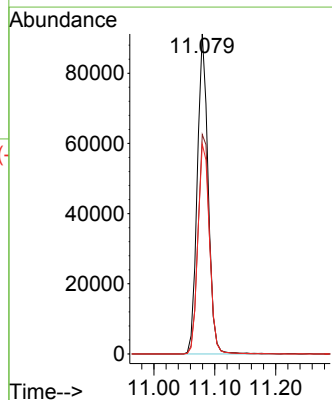
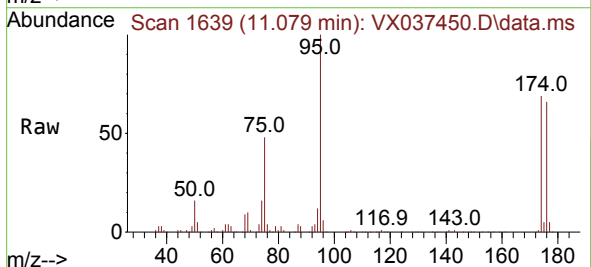
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

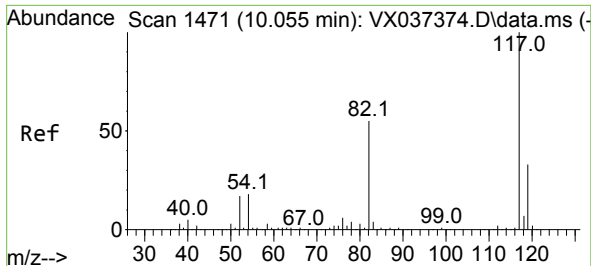
Tgt Ion:129 Resp: 1838
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion: 95 Resp: 112622
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.1 0.0 131.0

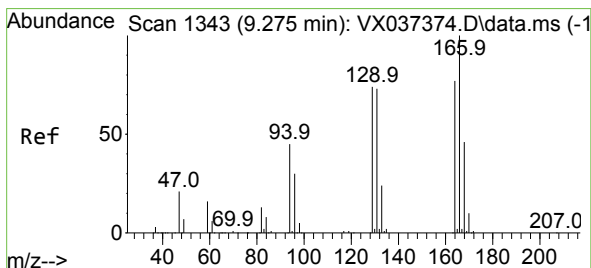
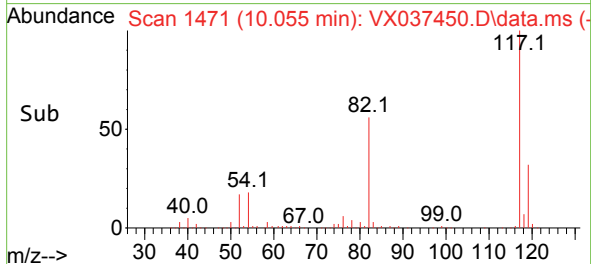
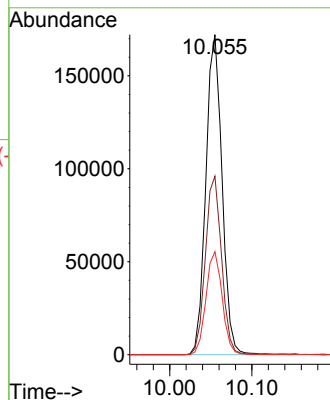
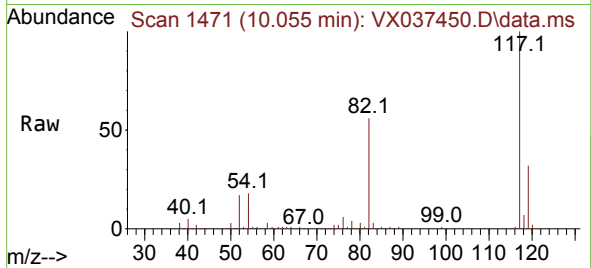




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

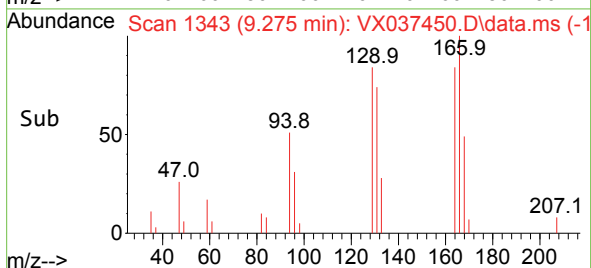
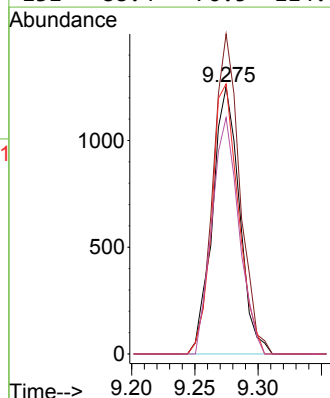
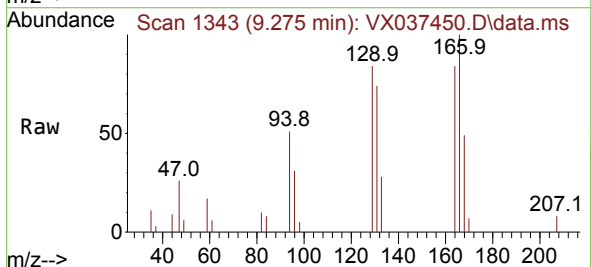
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

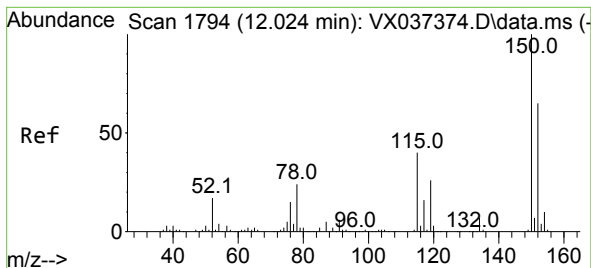
Tgt Ion:117 Resp: 235899
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion:164 Resp: 1850
Ion Ratio Lower Upper
164 100
166 119.7 102.7 154.1
129 101.0 80.4 120.6
131 88.4 76.5 114.7

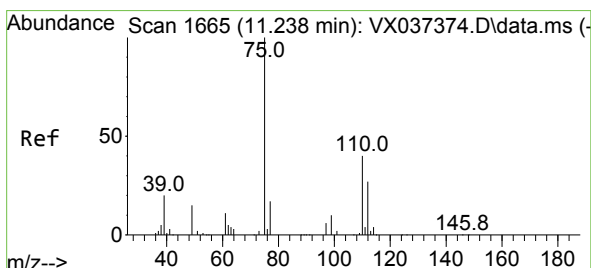
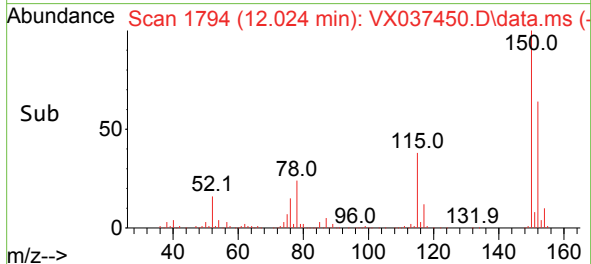
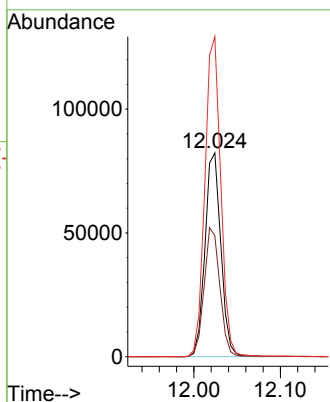
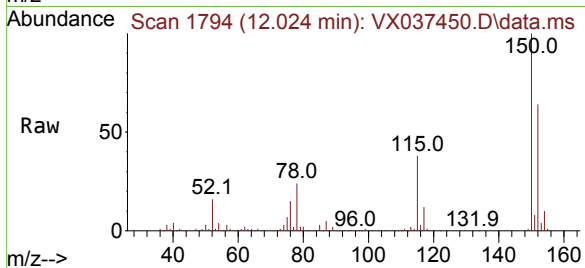




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

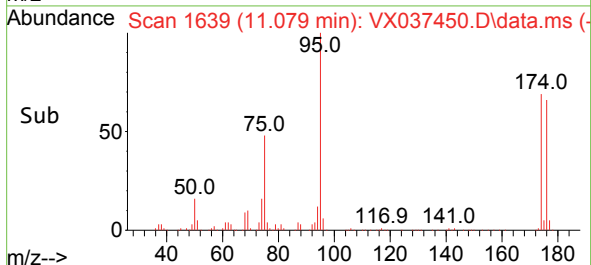
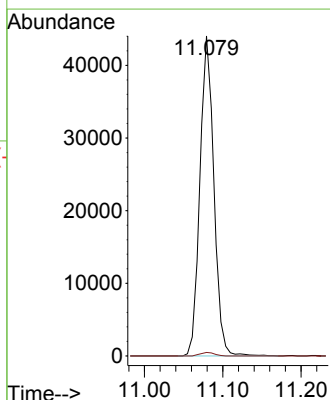
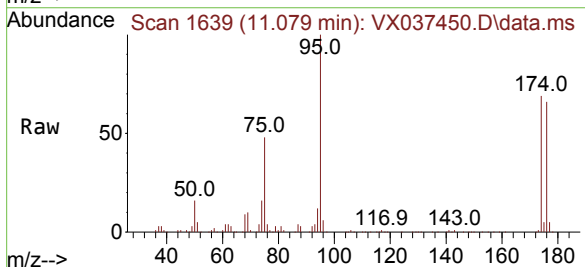
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-083023

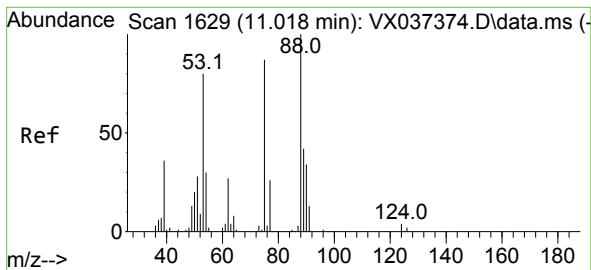
Tgt Ion:152 Resp: 104897
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037450.D
Acq: 31 Aug 2023 23:09

Tgt Ion: 75 Resp: 54523
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.168 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037450.D
 Acq: 31 Aug 2023 23:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-50-083023

Tgt Ion: 75 Resp: 54523
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

