

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037408.D
 Acq On : 31 Aug 2023 05:50
 Operator : JC/MD
 Sample : 04128-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20230822

Quant Time: Aug 31 07:08:41 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)

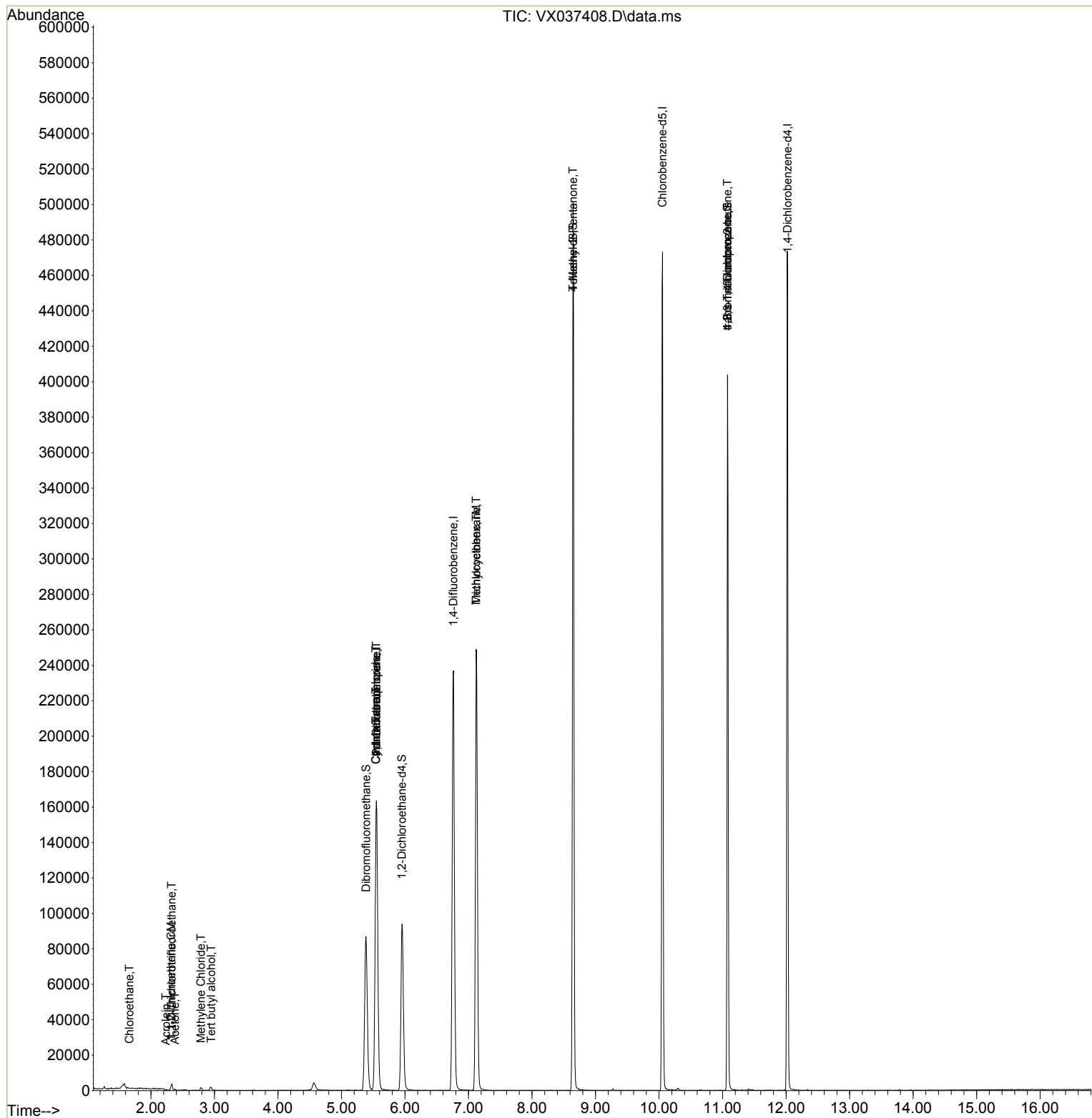
Internal Standards						
1) Pentafluorobenzene	5.550	168	156986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95534	42.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.420%		
35) Dibromofluoromethane	5.385	113	78471	45.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.647	98	301574	48.586	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.180%		
62) 4-Bromofluorobenzene	11.079	95	110602	45.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.680%		
Target Compounds						Qvalue
6) Chloroethane	1.660	64	231	0.226	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1318	0.794	ug/l	90
11) Tert butyl alcohol	2.947	59	1158	2.181	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	409	0.253	ug/l #	72
13) Acrolein	2.233	56	109	0.270	ug/l #	14
16) Acetone	2.380	43	614	0.693	ug/l	94
20) Methylene Chloride	2.788	84	894	0.452	ug/l #	72
31) Cyclohexane	5.544	56	3008	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12291	5.056	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16826	6.372	ug/l #	15
39) Methylcyclohexane	7.123	83	1105	0.433	ug/l #	1
44) Trichloroethene	7.123	130	101264	51.220	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1017	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54730	24.937	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54730	69.651	ug/l #	5

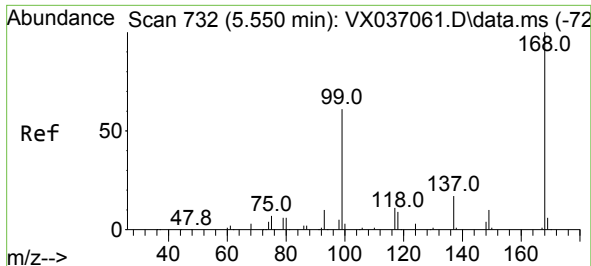
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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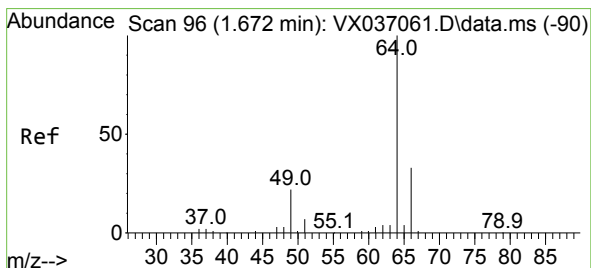
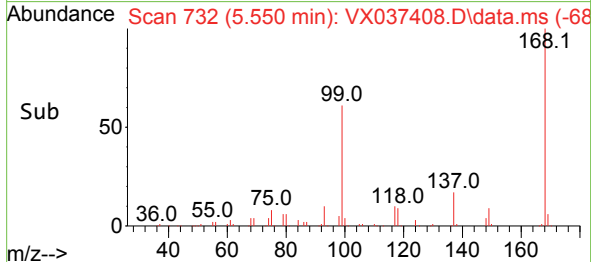
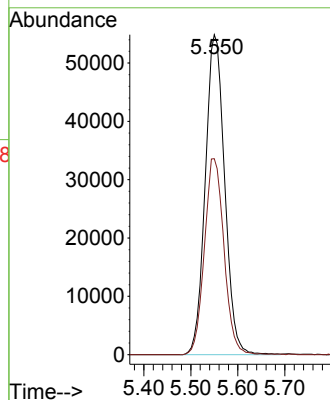
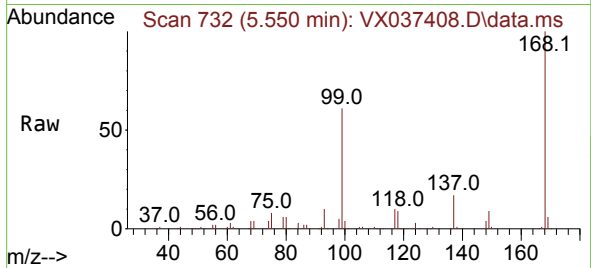




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

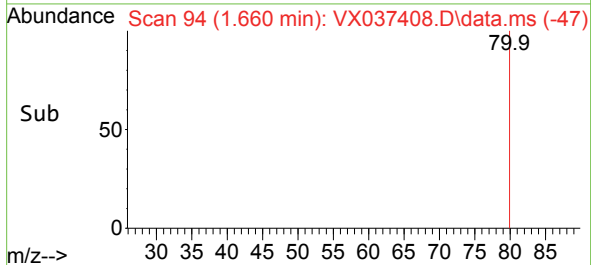
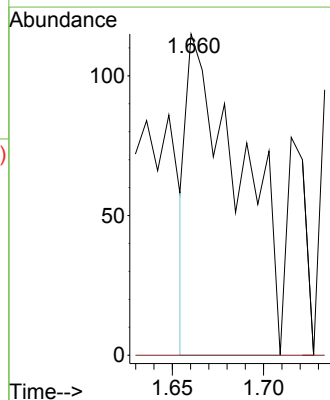
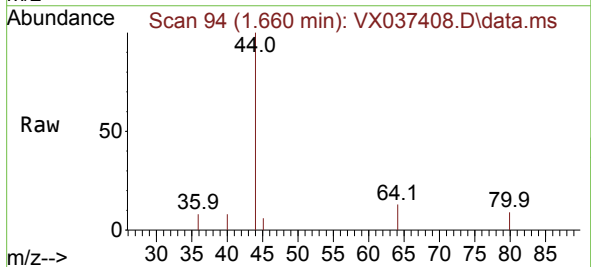
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230822

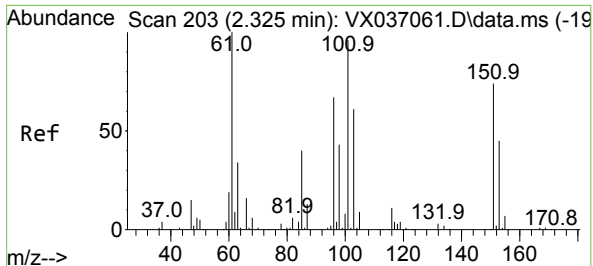
Tgt Ion:168 Resp: 156986
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#6
Chloroethane
Concen: 0.226 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.012 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

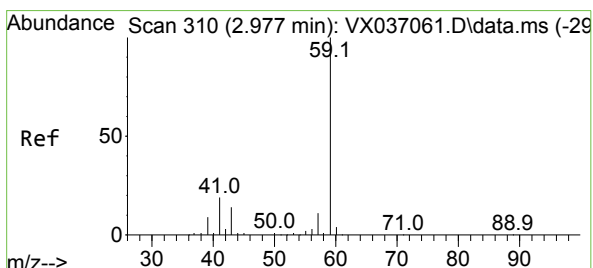
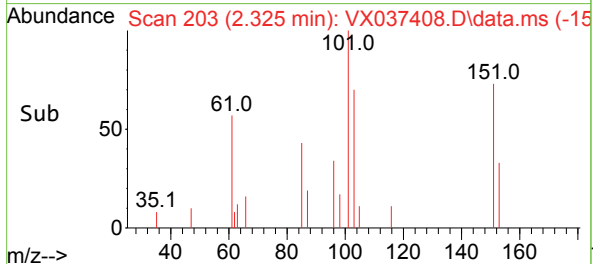
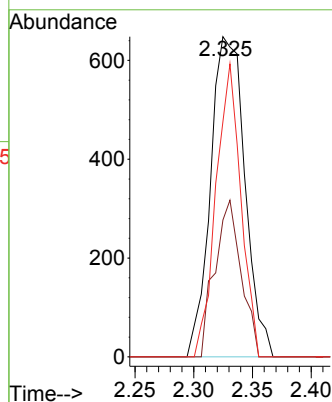
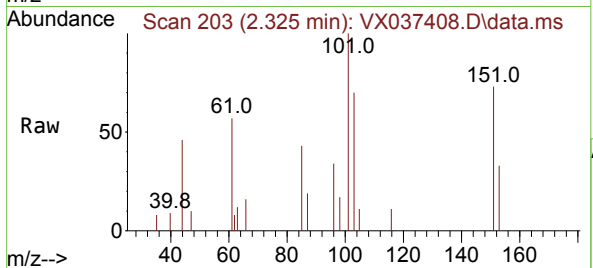




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.794 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

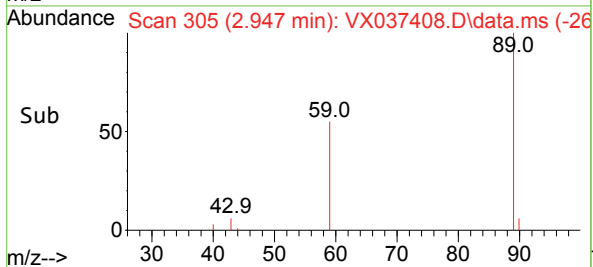
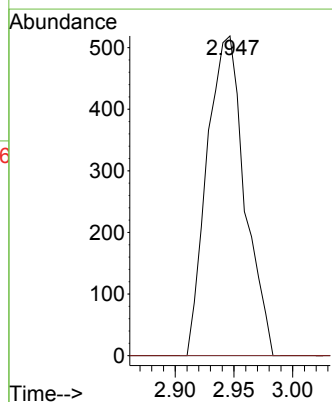
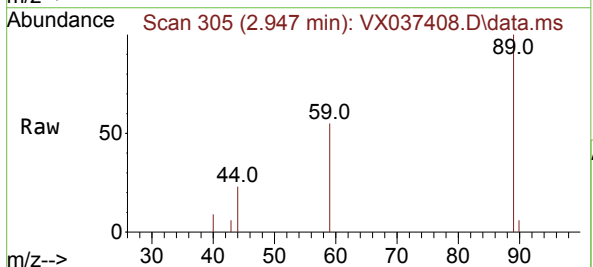
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230822

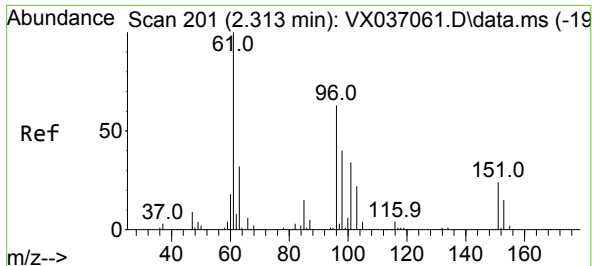
Tgt Ion:101 Resp: 1318
Ion Ratio Lower Upper
101 100
85 37.6 37.0 55.6
151 66.2 58.6 87.8



#11
Tert butyl alcohol
Concen: 2.181 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.253 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037408.D

Acq: 31 Aug 2023 05:50

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20230822

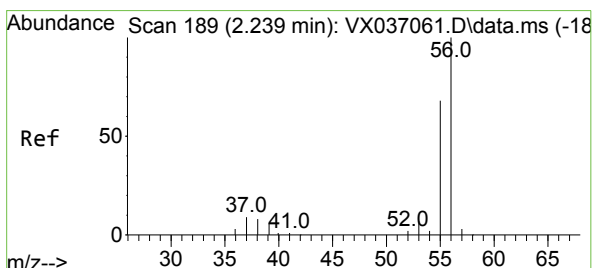
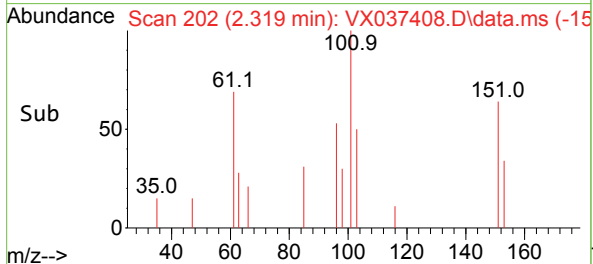
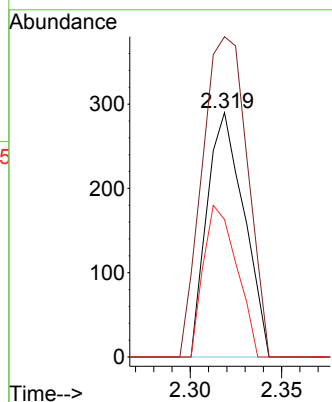
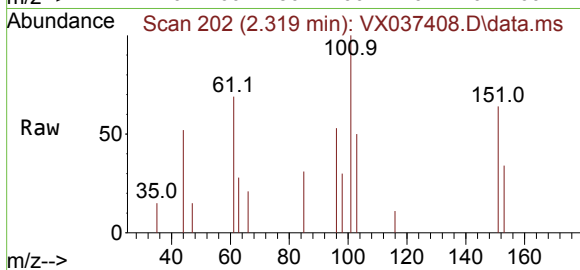
Tgt Ion: 96 Resp: 409

Ion Ratio Lower Upper

96 100

61 131.0 144.6 216.8#

98 56.2 50.4 75.6



#13

Acrolein

Concen: 0.270 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037408.D

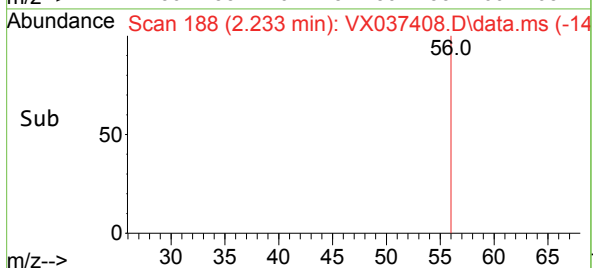
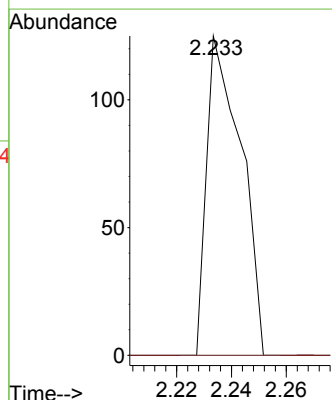
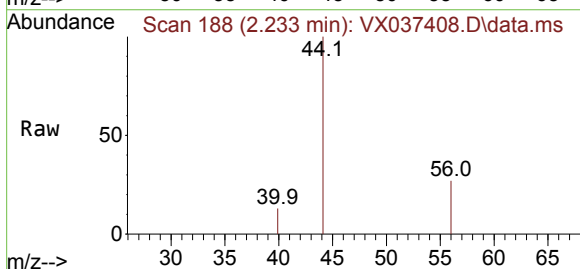
Acq: 31 Aug 2023 05:50

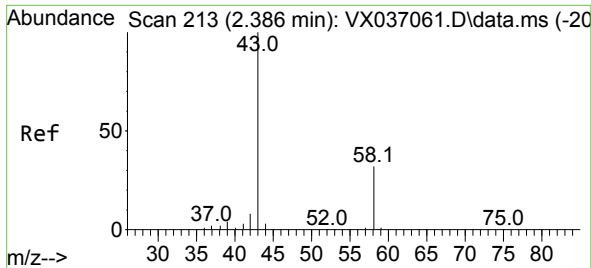
Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#





#16

Acetone

Concen: 0.693 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037408.D

Acq: 31 Aug 2023 05:50

Instrument :

MSVOA_X

ClientSampleId :

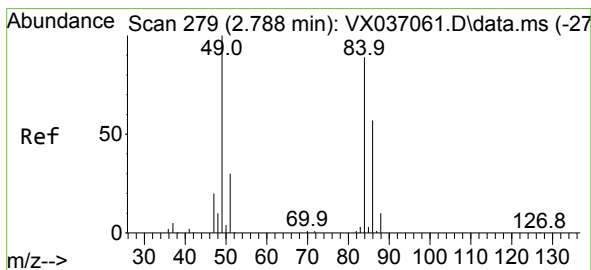
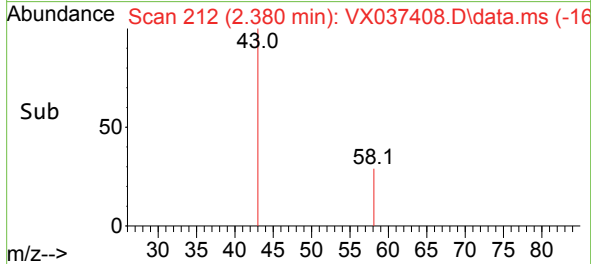
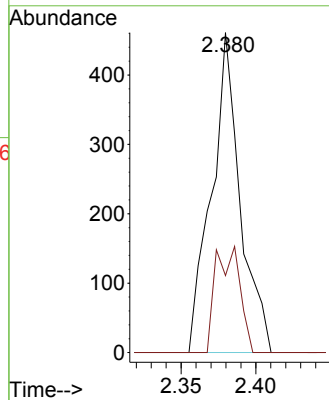
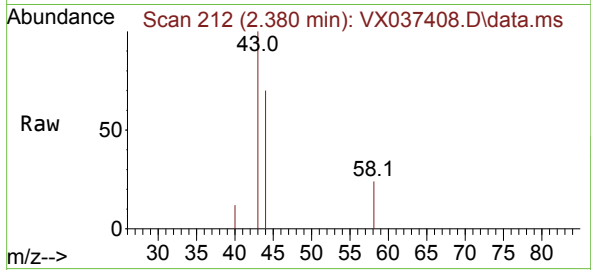
RE132D7-20230822

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 24.1 21.9 32.9



#20

Methylene Chloride

Concen: 0.452 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037408.D

Acq: 31 Aug 2023 05:50

Tgt Ion: 84 Resp: 894

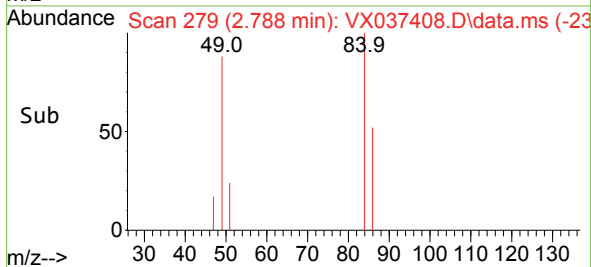
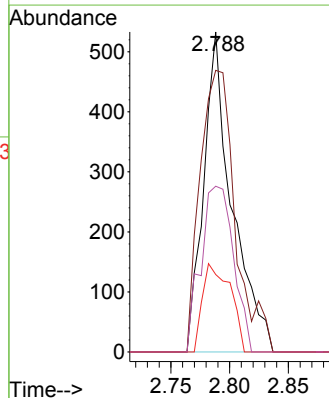
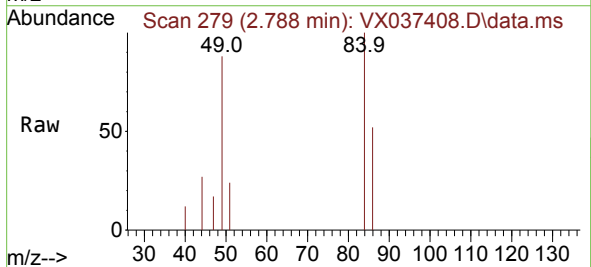
Ion Ratio Lower Upper

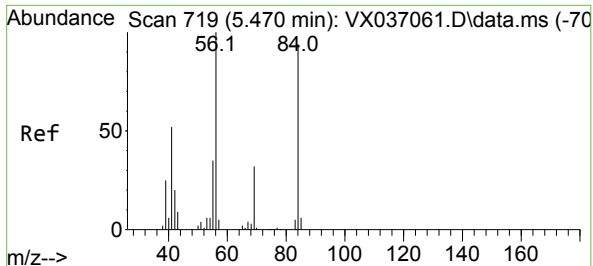
84 100

49 88.0 103.6 155.4#

51 24.2 33.8 50.6#

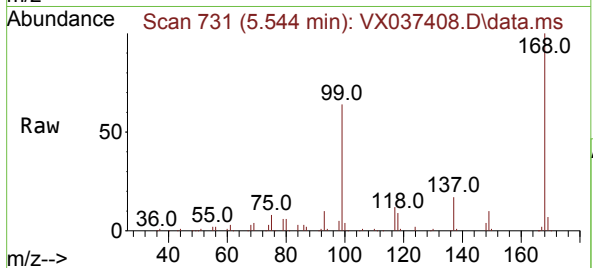
86 51.8 49.4 74.0



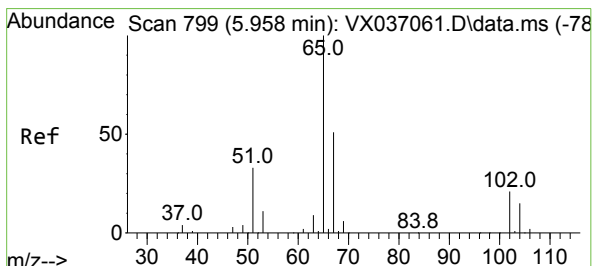
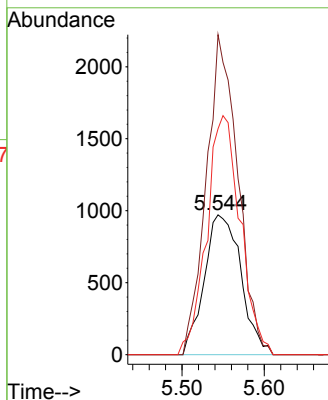
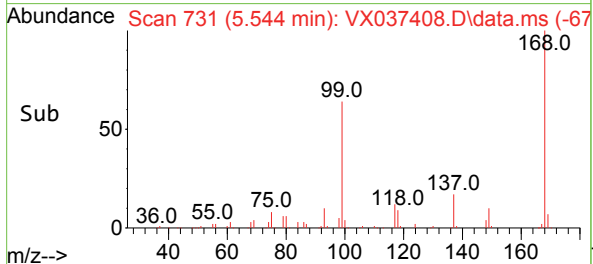


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230822

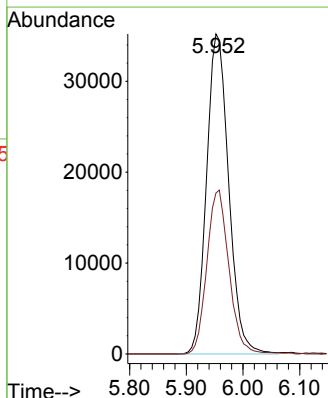
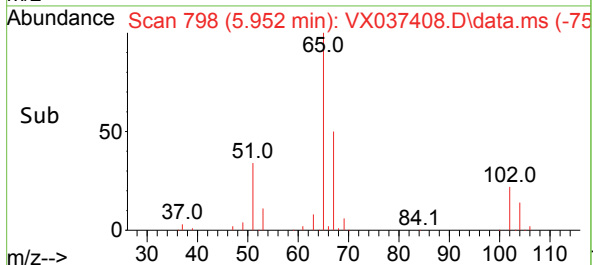
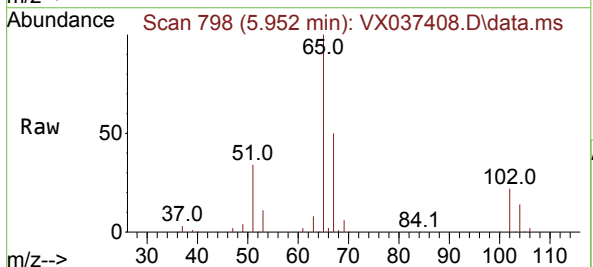


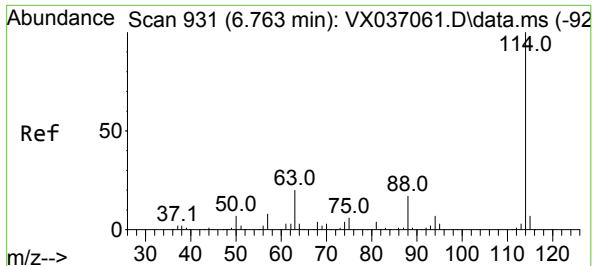
Tgt Ion: 56 Resp: 3008
Ion Ratio Lower Upper
56 100
69 228.9 23.4 35.2#
84 161.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.211 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion: 65 Resp: 95534
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

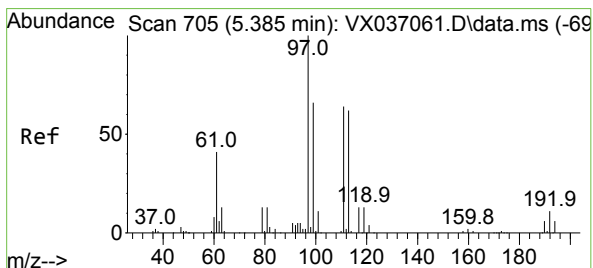
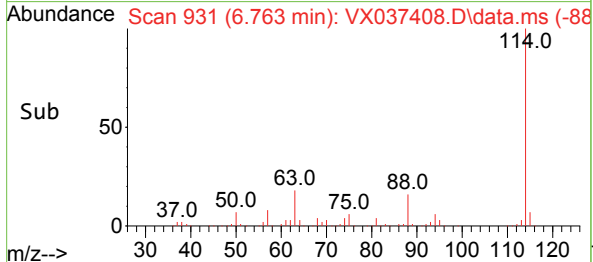
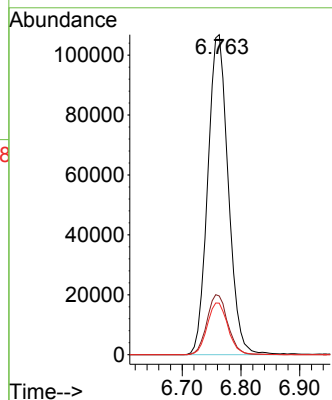
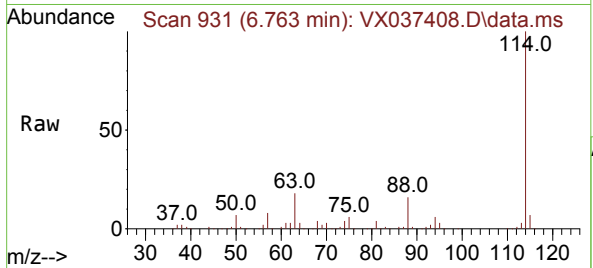




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

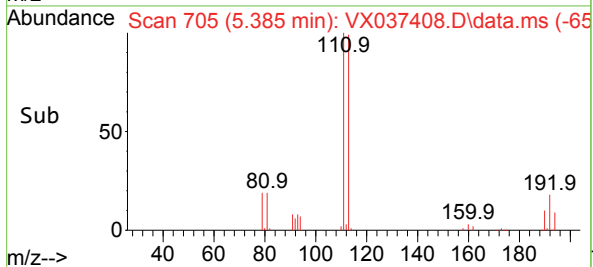
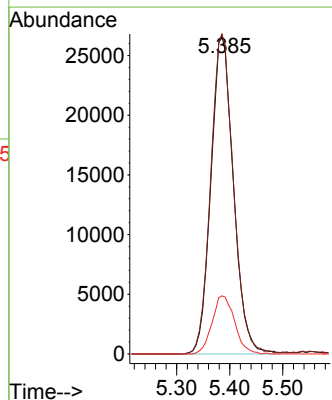
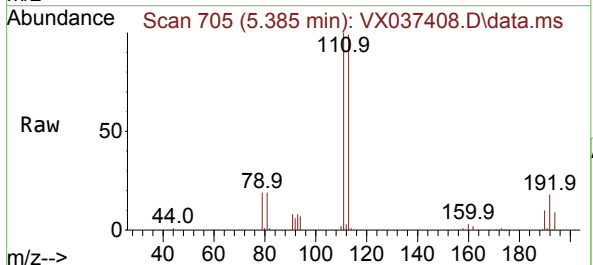
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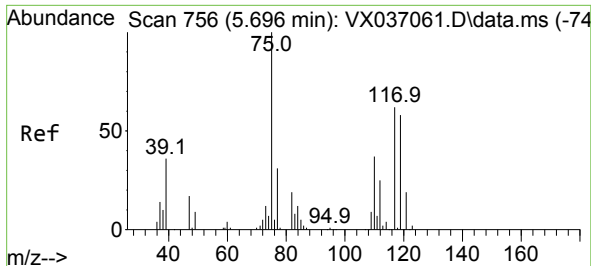
Tgt Ion:114 Resp: 258373
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion:113 Resp: 78471
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.3 13.3 19.9

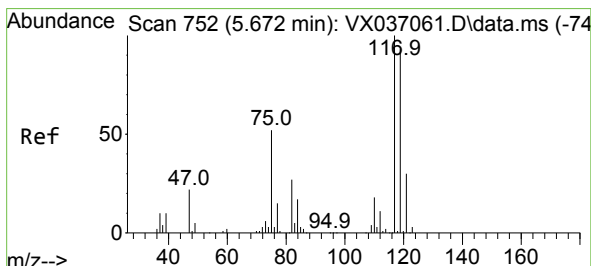
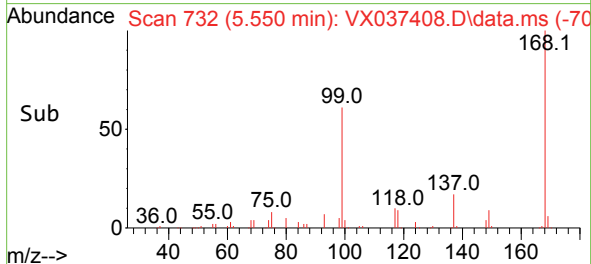
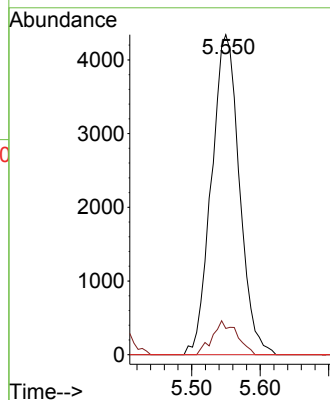
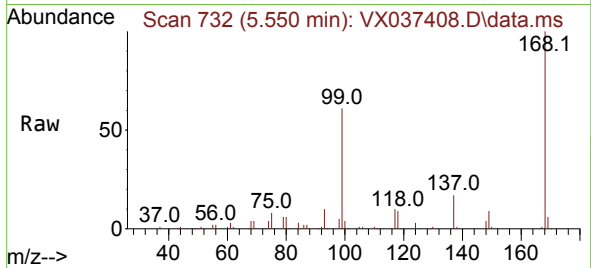




#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

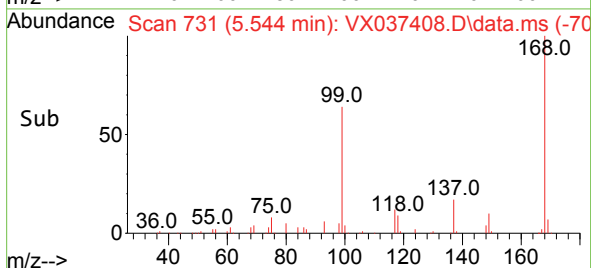
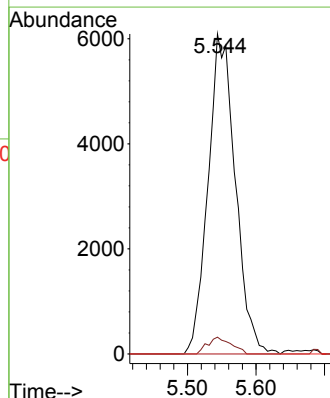
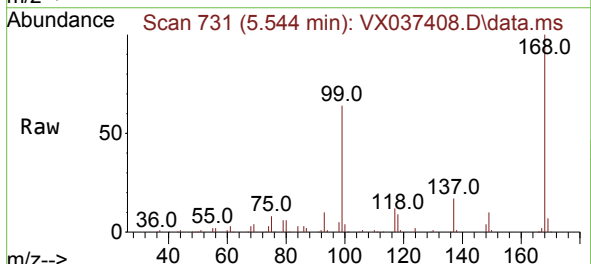
Instrument :
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RE132D7-20230822

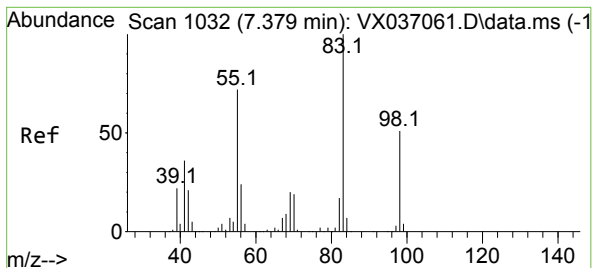
Tgt Ion: 75 Resp: 12291
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion: 117 Resp: 16826
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.433 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX037408.D

Acq: 31 Aug 2023 05:50

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20230822

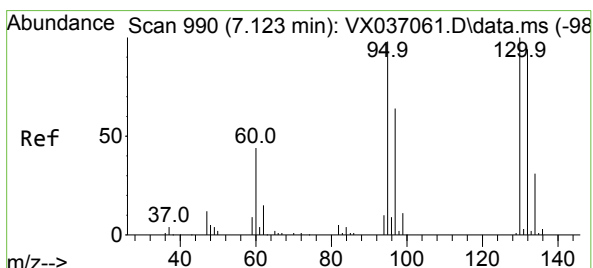
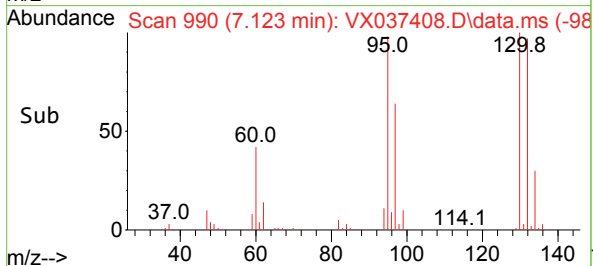
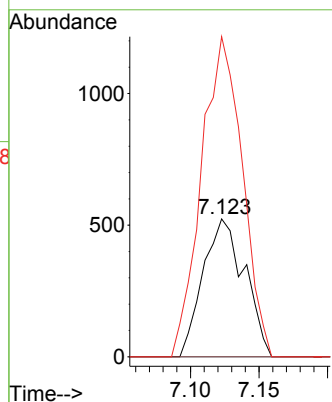
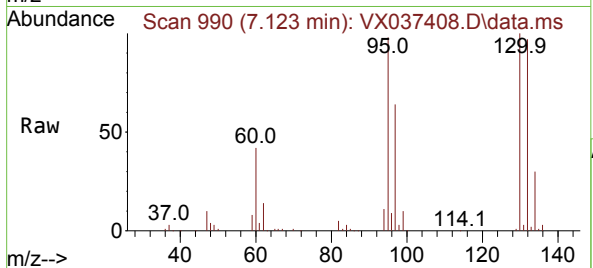
Tgt Ion: 83 Resp: 1105

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 232.1 36.7 55.1#



#44

Trichloroethene

Concen: 51.220 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037408.D

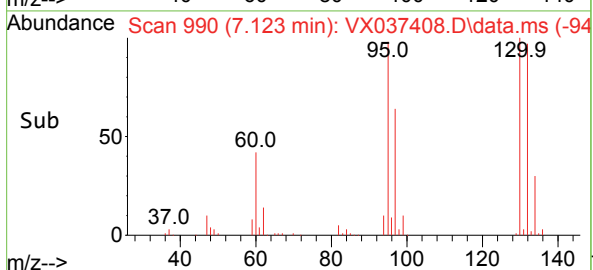
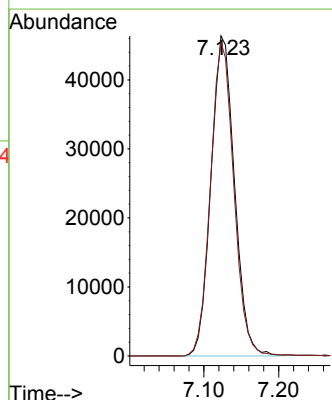
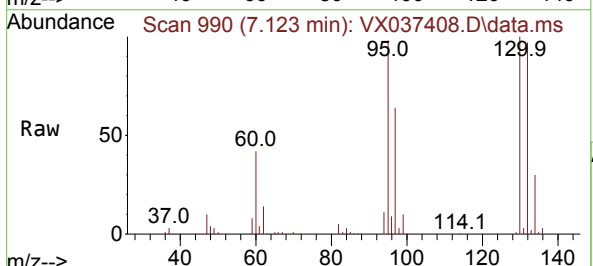
Acq: 31 Aug 2023 05:50

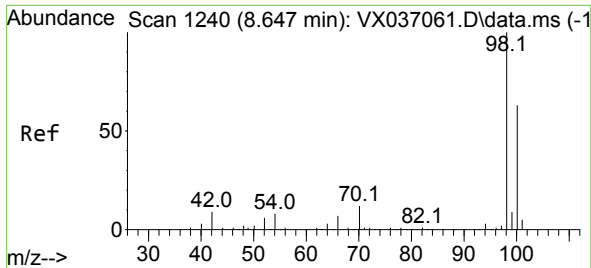
Tgt Ion:130 Resp: 101264

Ion Ratio Lower Upper

130 100

95 97.9 0.0 204.4

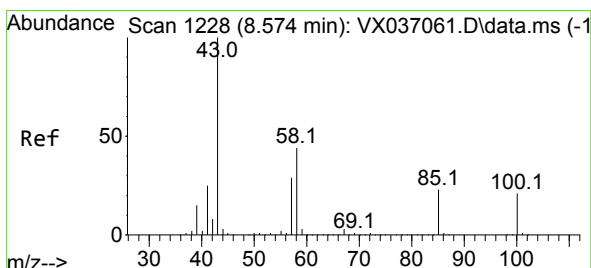
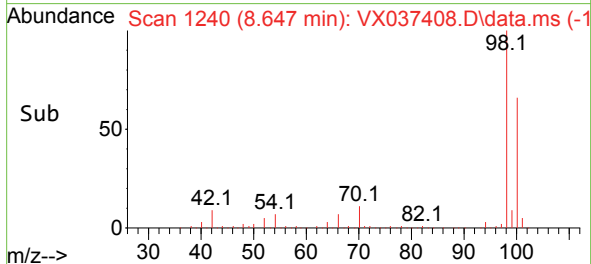
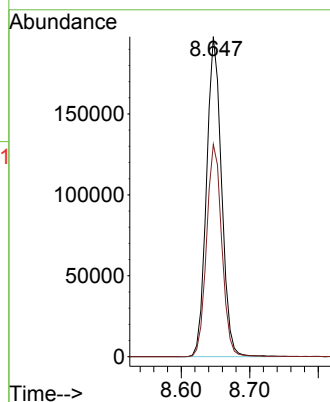
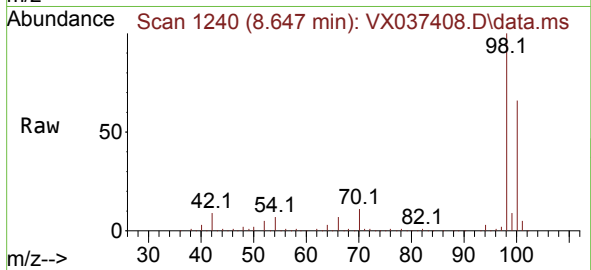




#50
Toluene-d8
Concen: 48.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

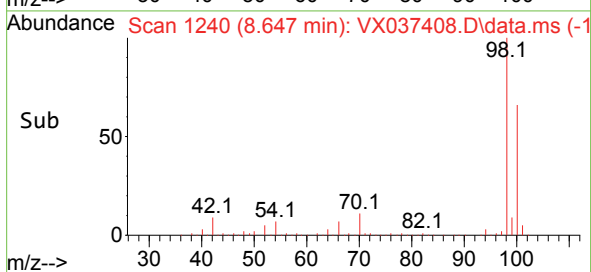
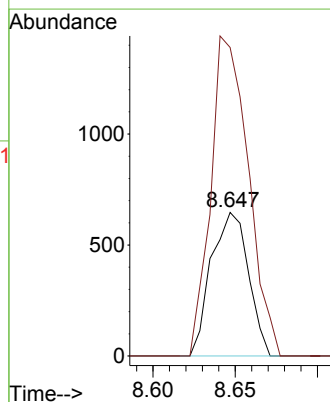
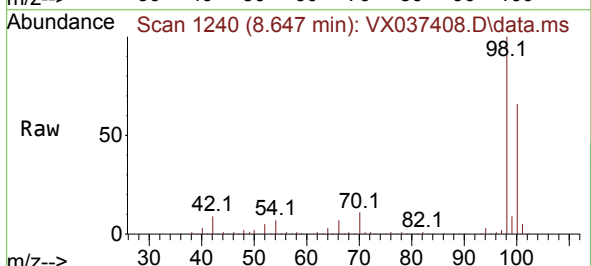
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230822

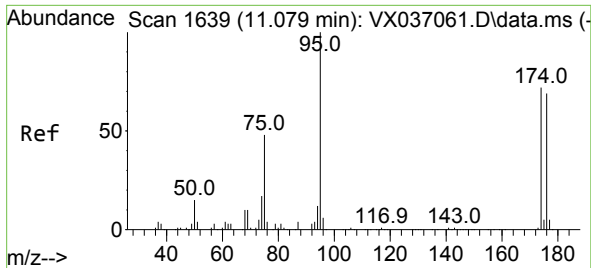
Tgt Ion: 98 Resp: 301574
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 224.7 30.4 45.6#

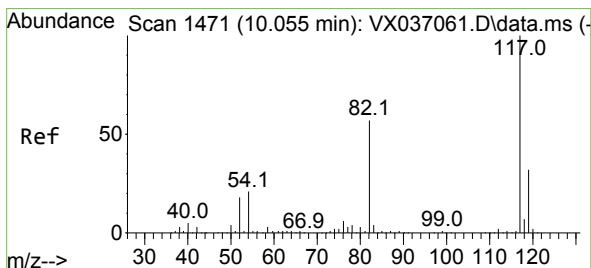
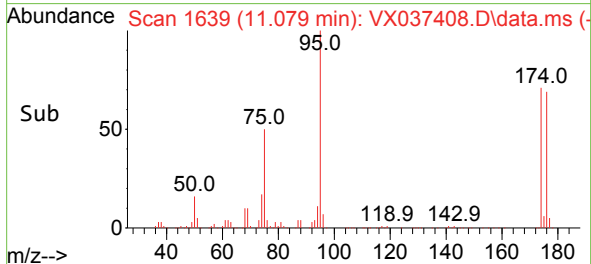
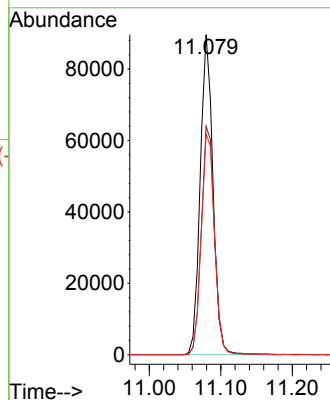
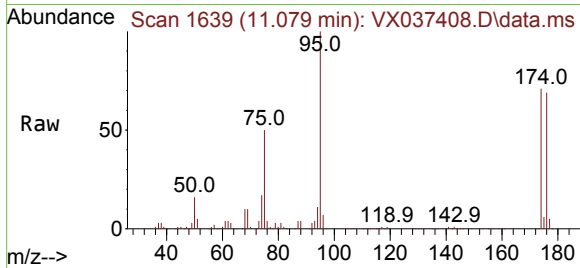




#62
4-Bromofluorobenzene
Concen: 45.343 ug/l
RT: 11.079 min Scan# 110602
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

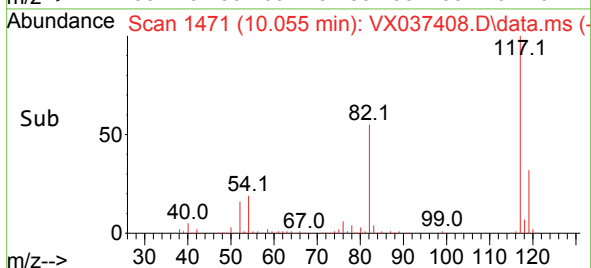
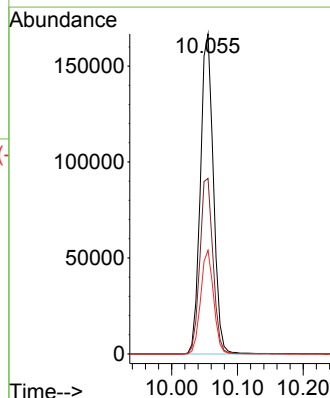
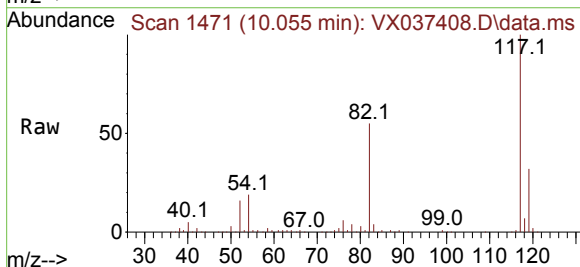
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20230822

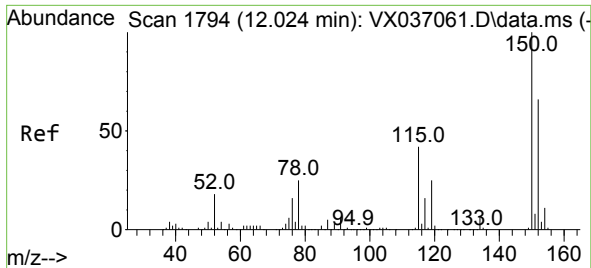
Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	135.6
176	71.9	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037408.D
Acq: 31 Aug 2023 05:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.2	69.4
119	32.4	25.5	38.3

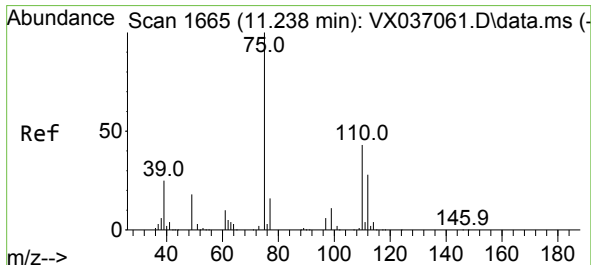
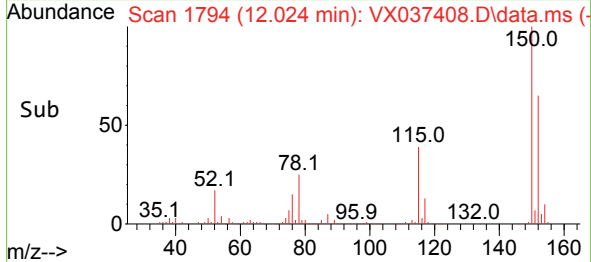
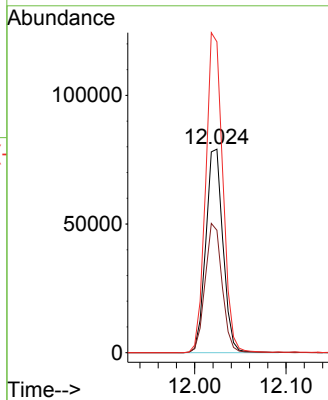
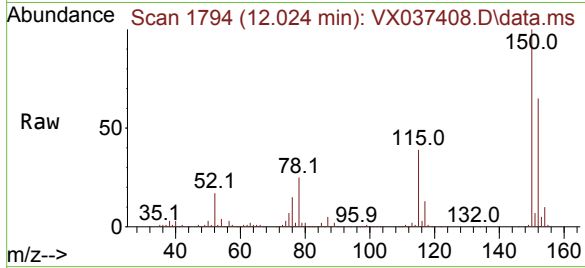




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037408.D
 Acq: 31 Aug 2023 05:50

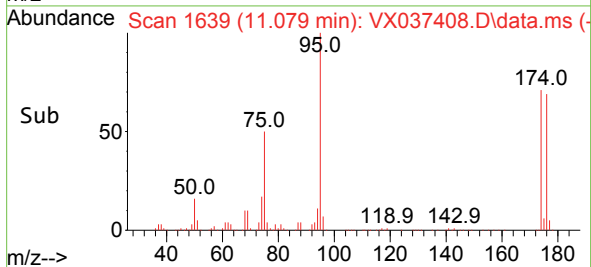
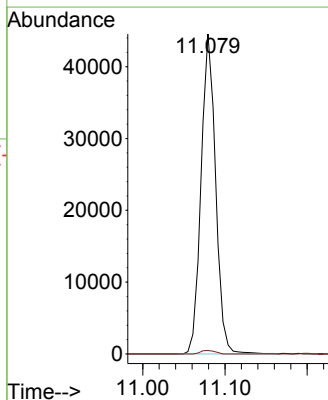
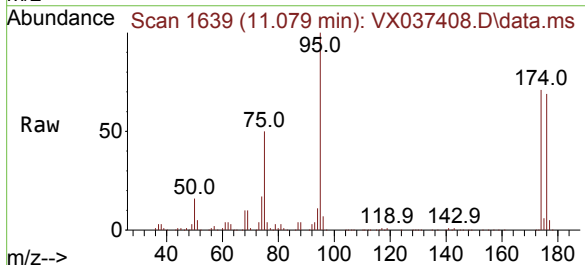
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20230822

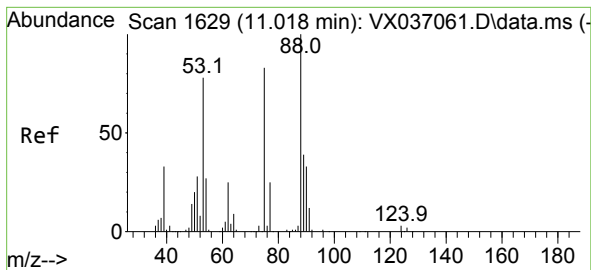
Tgt Ion:152 Resp: 103054
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.937 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037408.D
 Acq: 31 Aug 2023 05:50

Tgt Ion: 75 Resp: 54730
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.651 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037408.D
 Acq: 31 Aug 2023 05:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20230822

Tgt Ion: 75 Resp: 54730
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

