

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037407.D
 Acq On : 31 Aug 2023 05:26
 Operator : JC/MD
 Sample : 04128-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20230822

Quant Time: Aug 31 07:08:18 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)

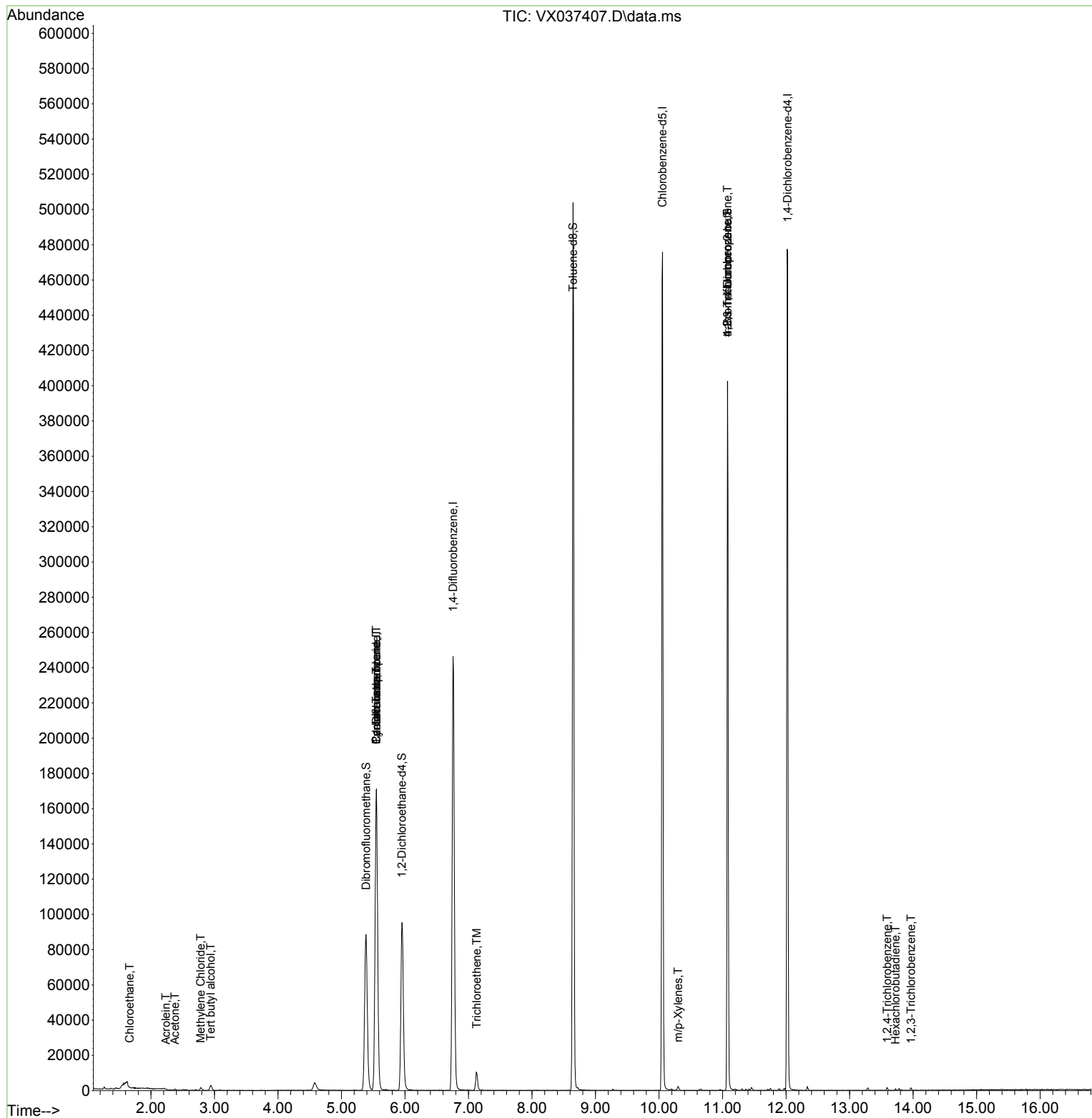
Internal Standards						
1) Pentafluorobenzene	5.550	168	160622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97403	42.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.120%		
35) Dibromofluoromethane	5.385	113	80304	46.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	304787	48.417	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	111291	44.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.980%		
Target Compounds						Qvalue
6) Chloroethane	1.666	64	292	0.279	ug/l #	43
11) Tert butyl alcohol	2.940	59	1865	3.433	ug/l #	78
13) Acrolein	2.233	56	166	0.402	ug/l #	56
16) Acetone	2.380	43	717	0.791	ug/l	95
20) Methylene Chloride	2.782	84	853	0.421	ug/l #	74
31) Cyclohexane	5.550	56	2884	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12628	5.122	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16769	6.261	ug/l #	15
44) Trichloroethene	7.129	130	4257	2.123	ug/l	92
68) m/p-Xylenes	10.299	106	712	0.213	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	54969	24.946	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54969	69.675	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	559	0.284	ug/l	89
94) Hexachlorobutadiene	13.725	225	250	0.328	ug/l #	63
96) 1,2,3-Trichlorobenzene	13.969	180	505	0.258	ug/l	94

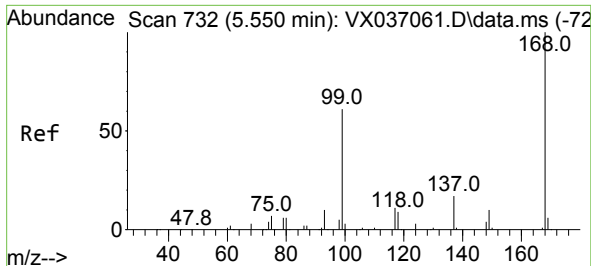
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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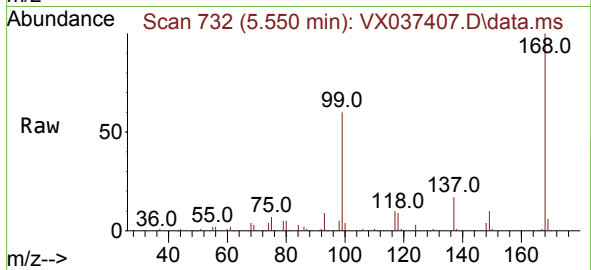
Quant Time: Aug 31 07:08:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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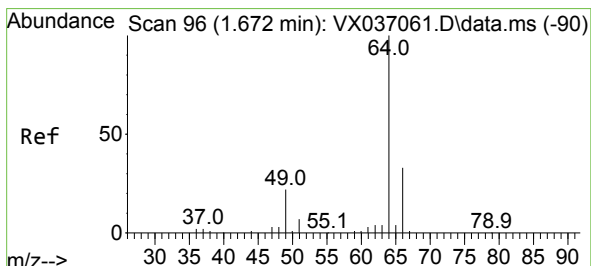
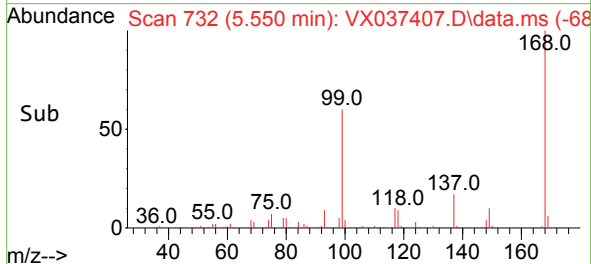
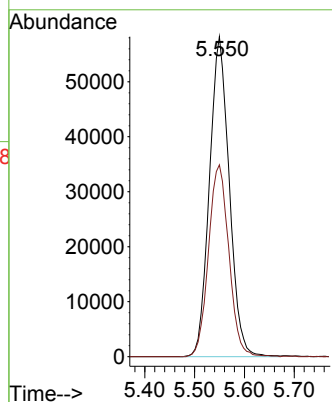


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

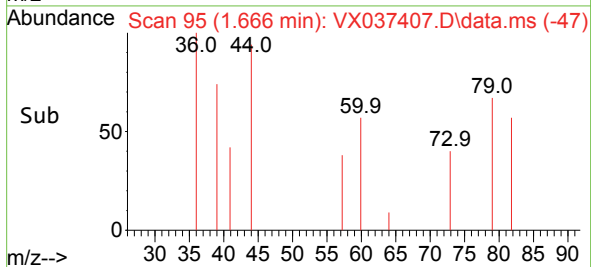
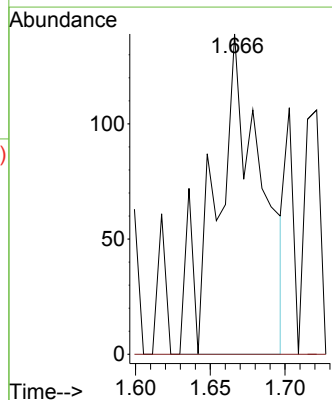
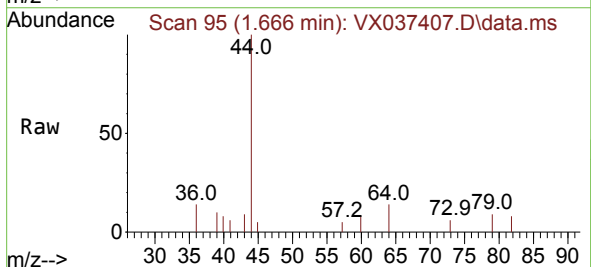


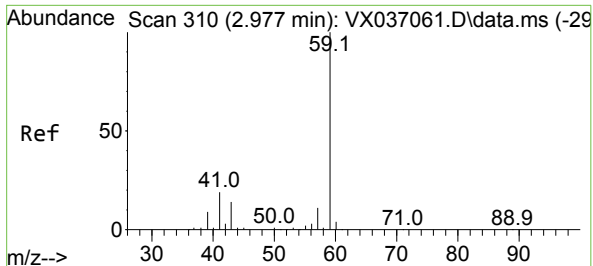
Tgt Ion:168 Resp: 160622
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 3.433 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX037407.D

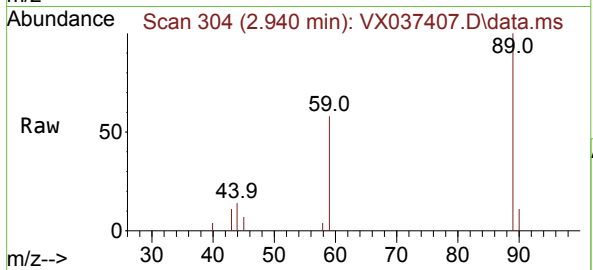
Acq: 31 Aug 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

DUP09-20230822

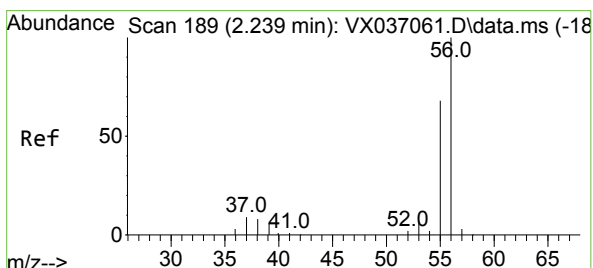
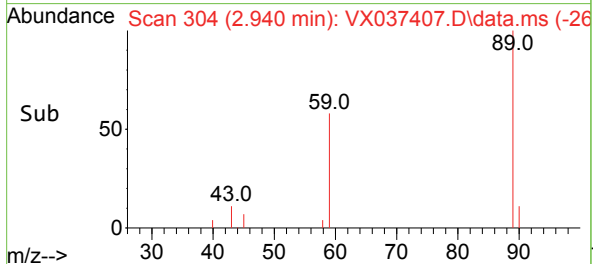
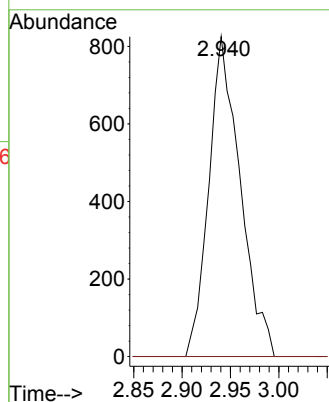


Tgt Ion: 59 Resp: 1865

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.402 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037407.D

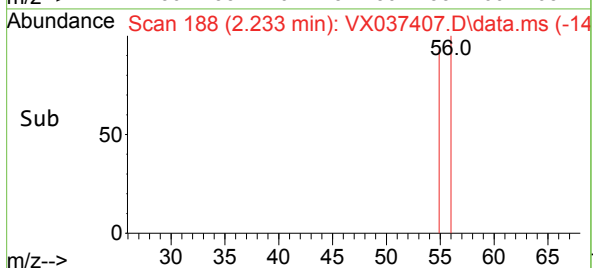
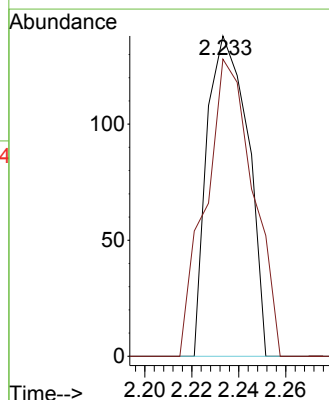
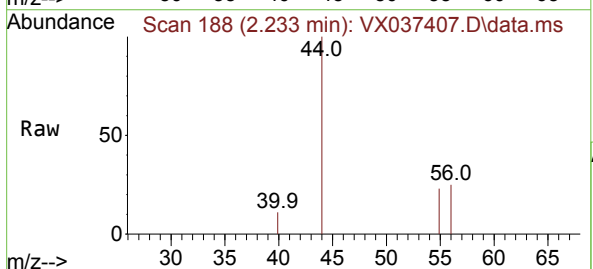
Acq: 31 Aug 2023 05:26

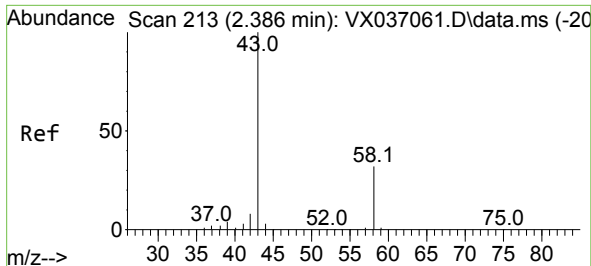
Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 107.8 57.1 85.7#

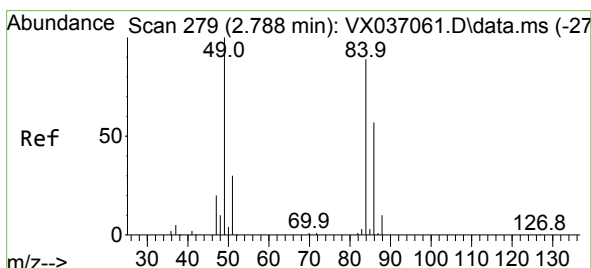
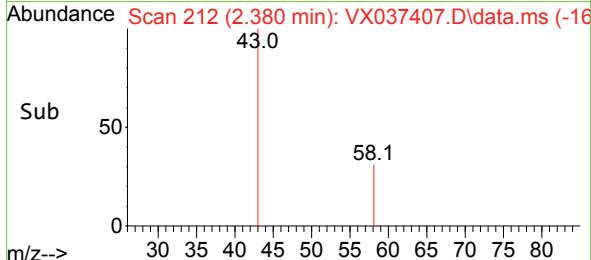
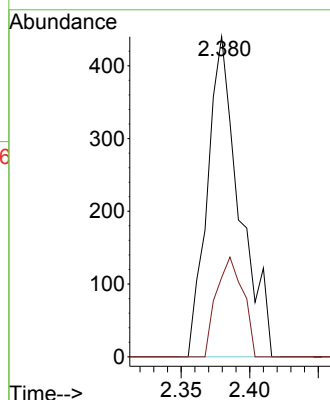
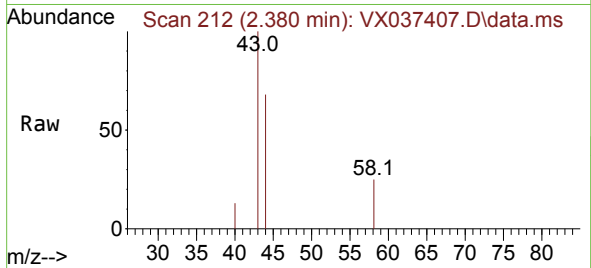




#16
Acetone
Concen: 0.791 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

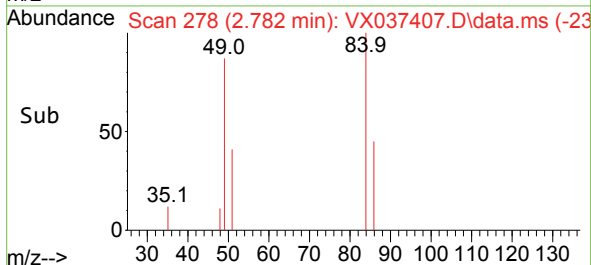
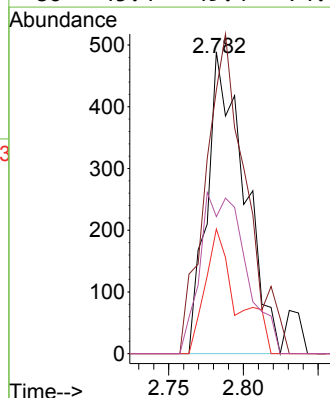
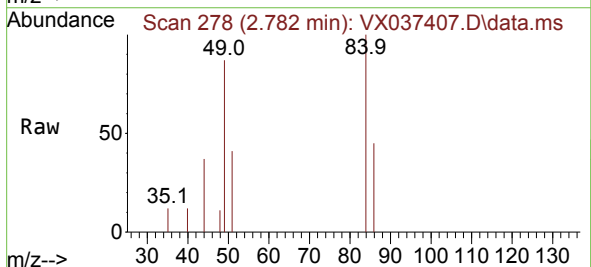
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

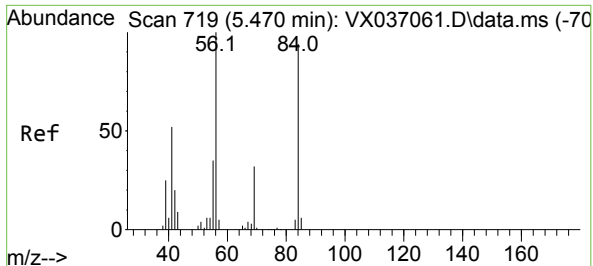
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.421 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

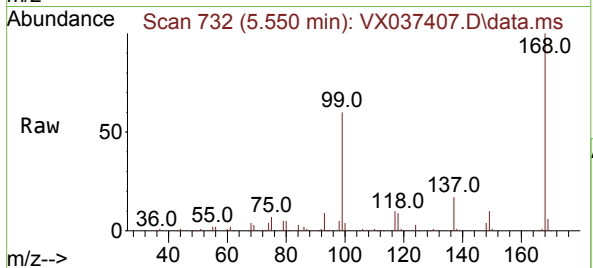
Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 87.3 103.6 155.4#
51 41.3 33.8 50.6
86 45.4 49.4 74.0#



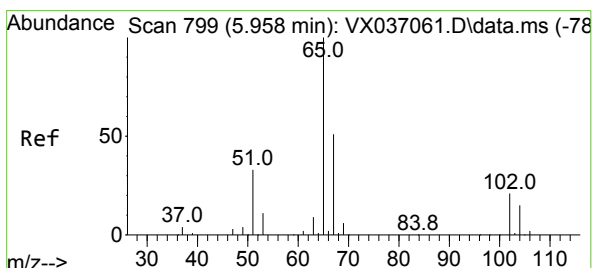
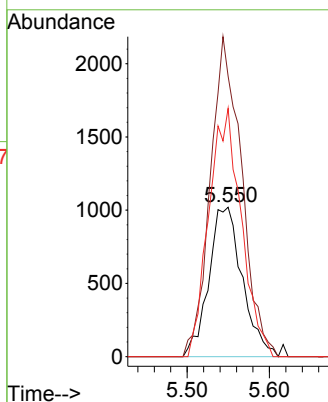
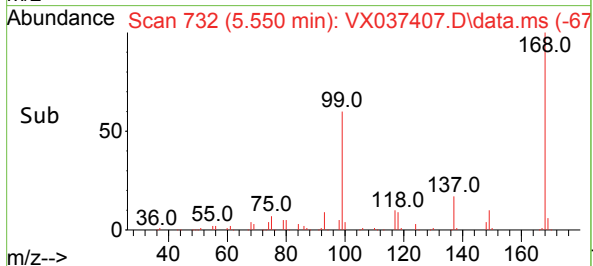


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

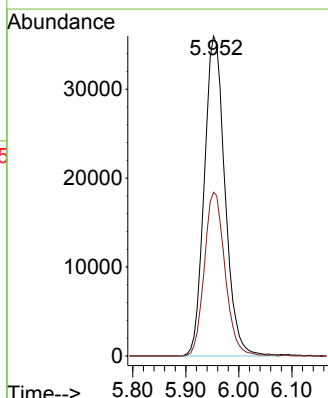
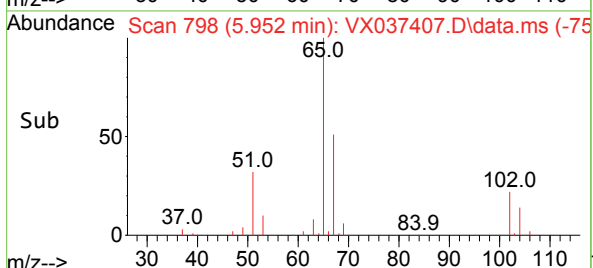
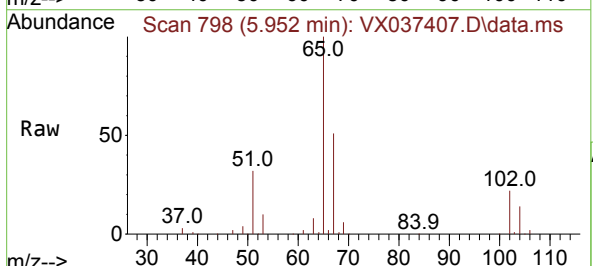


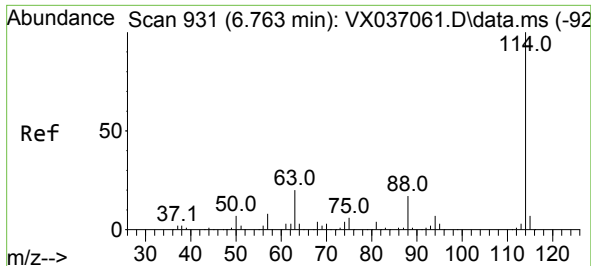
Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
69 187.7 23.4 35.2#
84 166.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.063 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion: 65 Resp: 97403
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

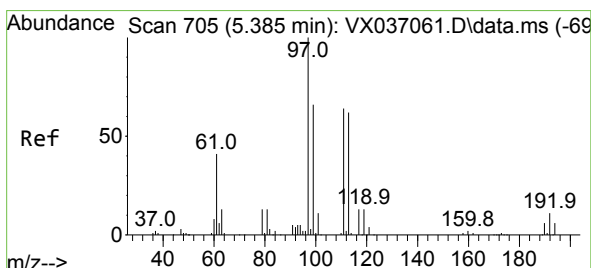
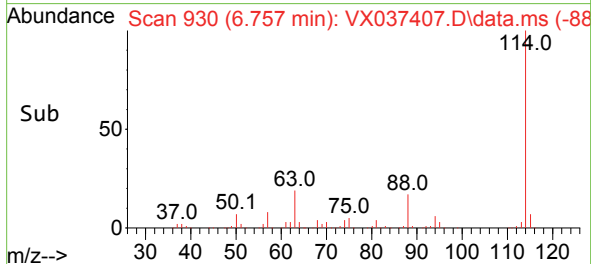
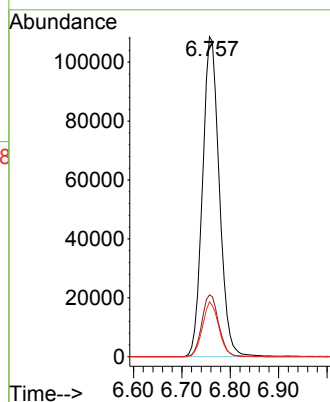
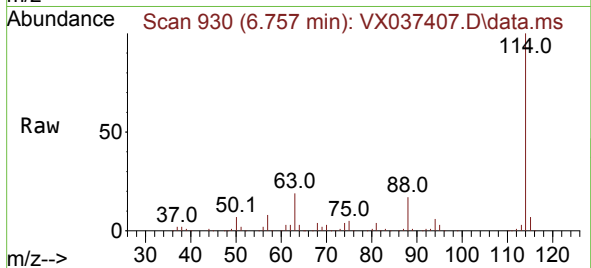




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

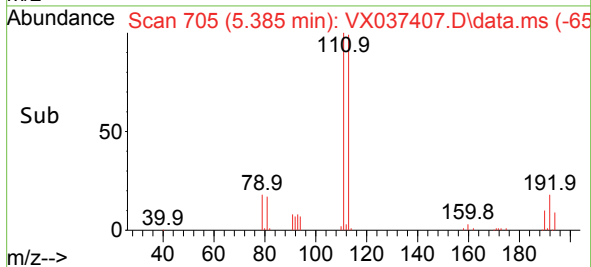
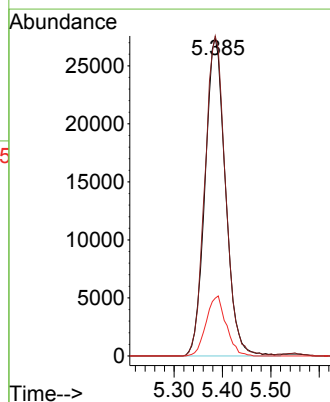
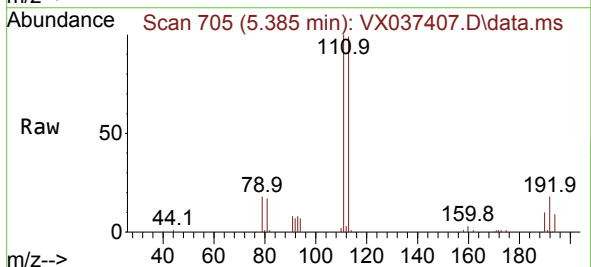
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MSVOA_X
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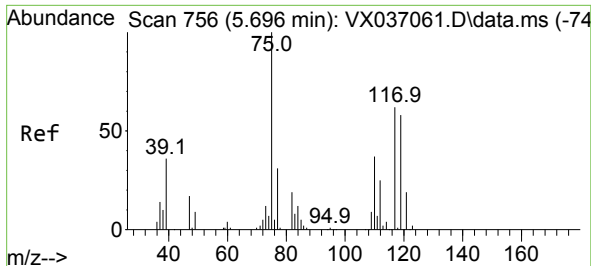
Tgt Ion:114 Resp: 262041
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion:113 Resp: 80304
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.5 13.3 19.9

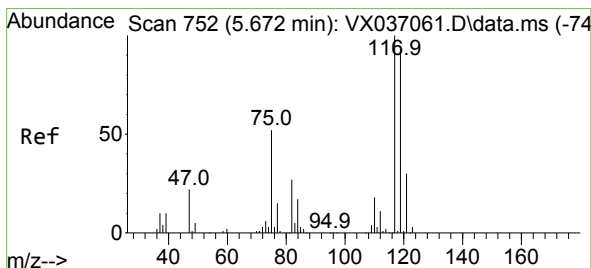
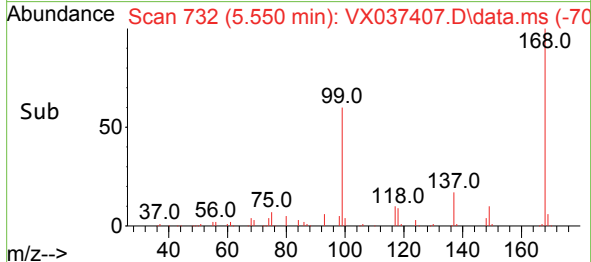
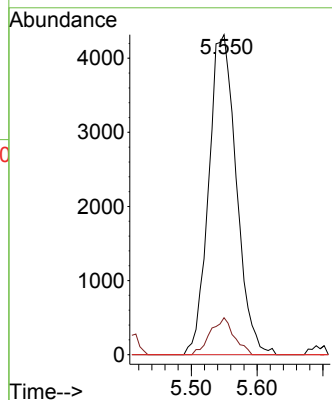
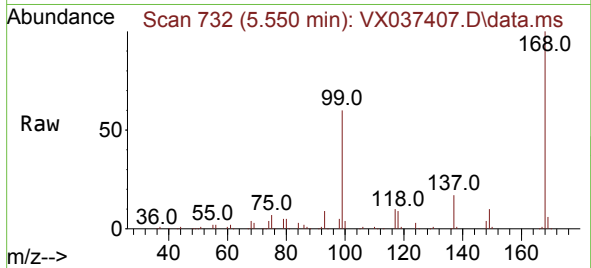




#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

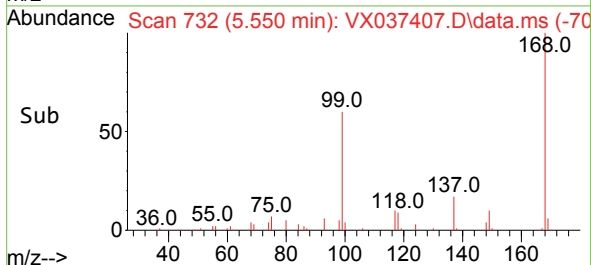
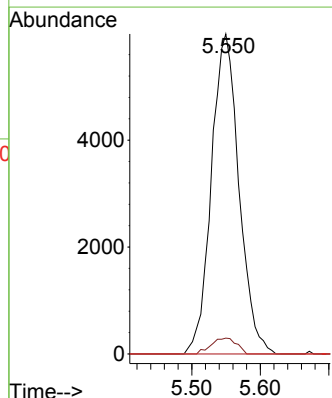
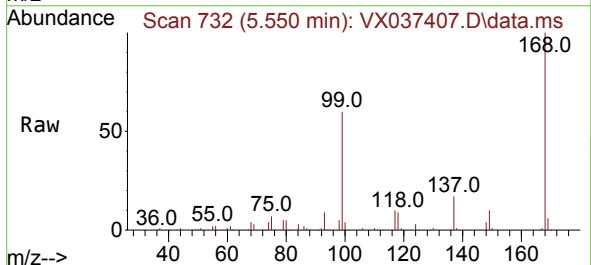
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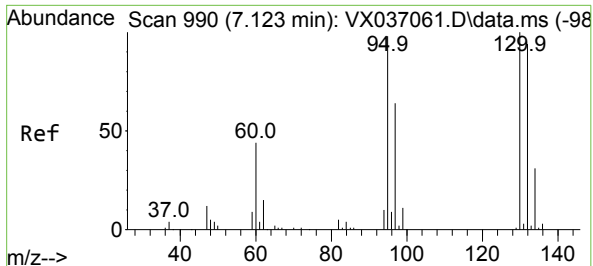
Tgt Ion: 75 Resp: 12628
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion: 117 Resp: 16769
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

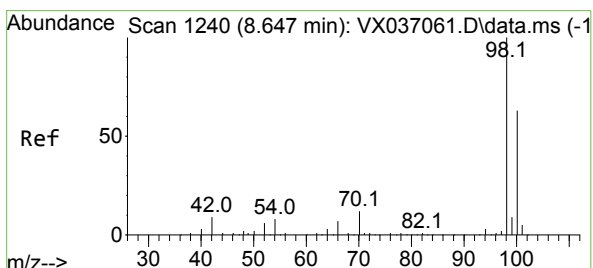
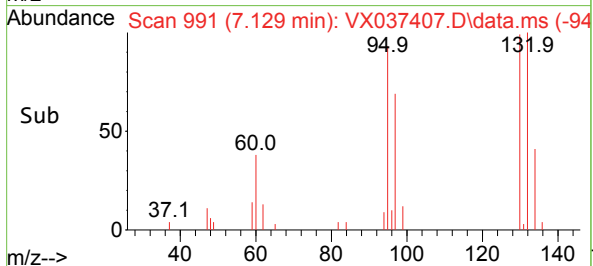
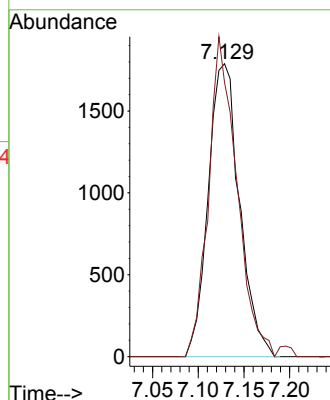
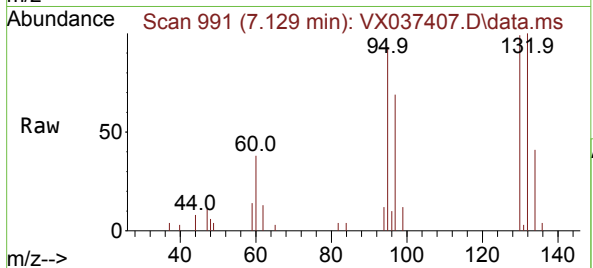




#44
Trichloroethene
Concen: 2.123 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

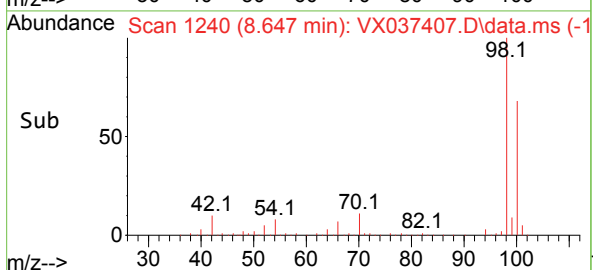
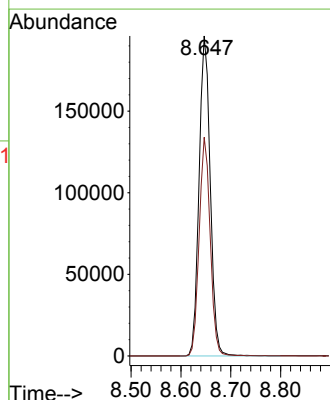
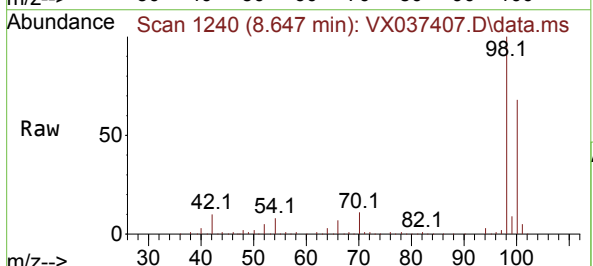
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

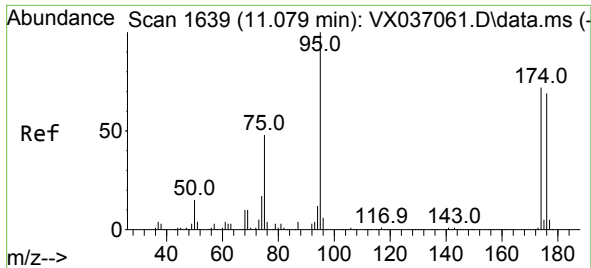
Tgt Ion:130 Resp: 4257
Ion Ratio Lower Upper
130 100
95 93.7 0.0 204.4



#50
Toluene-d8
Concen: 48.417 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion: 98 Resp: 304787
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7

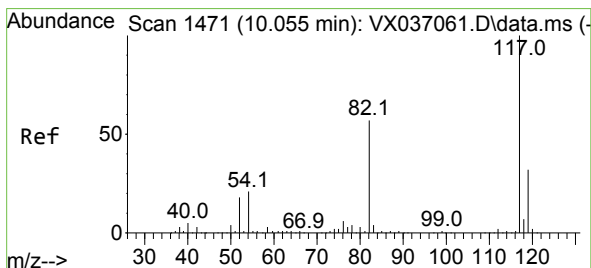
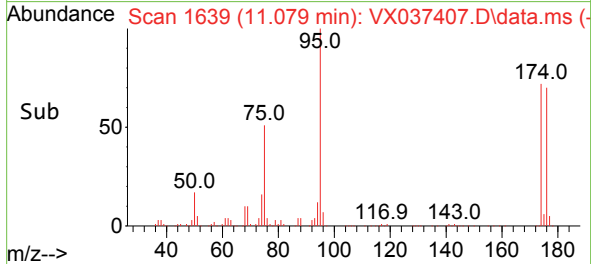
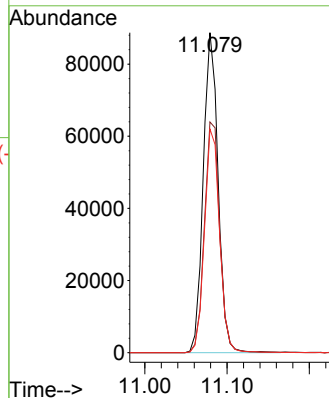
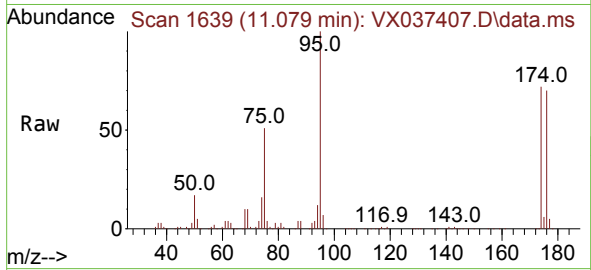




#62
4-Bromofluorobenzene
Concen: 44.986 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

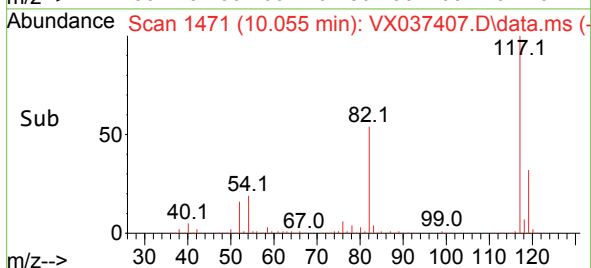
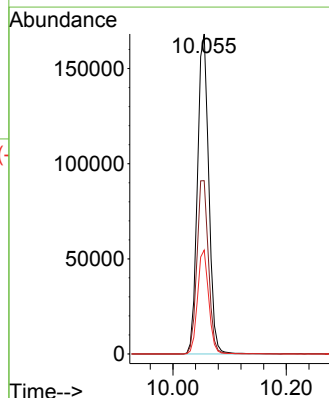
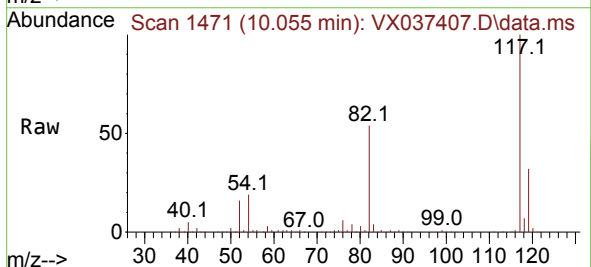
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

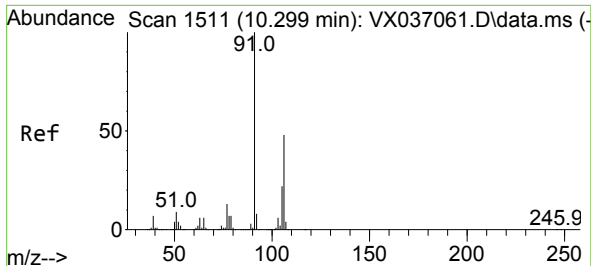
Tgt Ion: 95 Resp: 111291
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion: 117 Resp: 232655
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.4 25.5 38.3

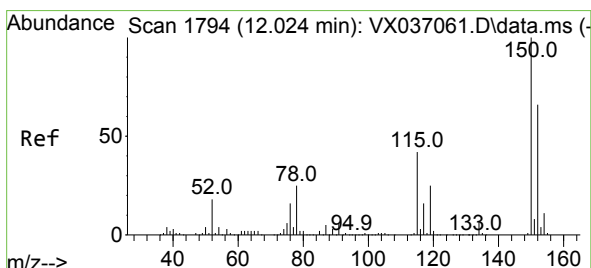
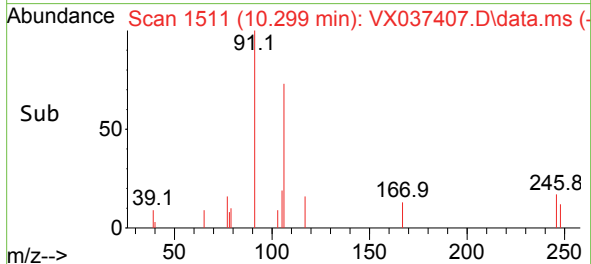
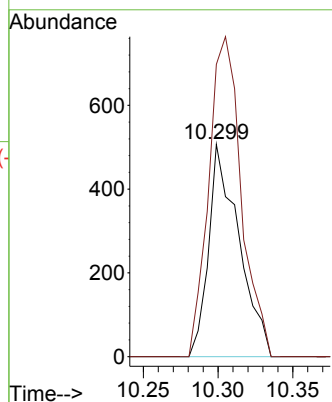
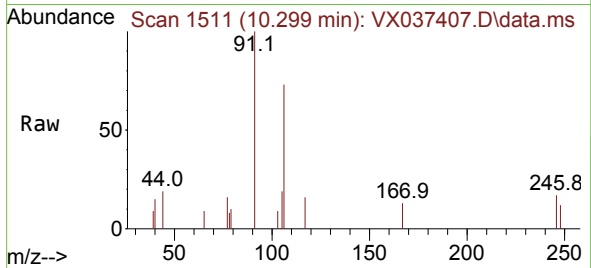




#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

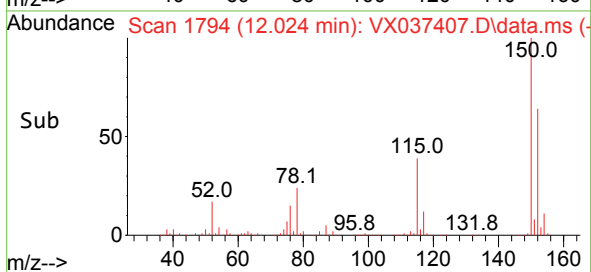
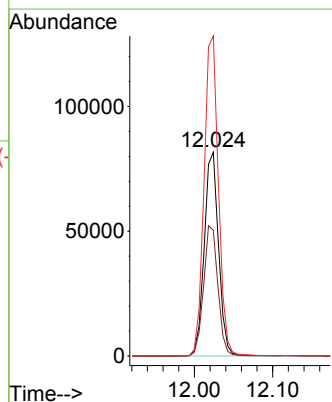
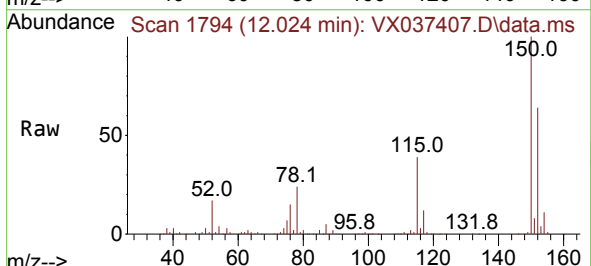
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20230822

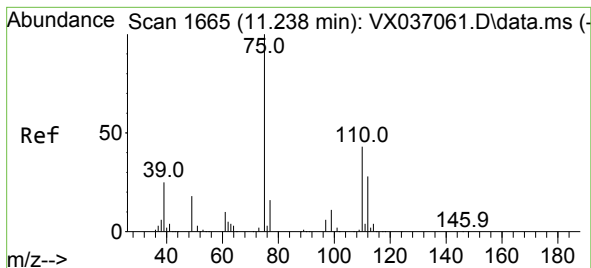
Tgt Ion:106 Resp: 712
Ion Ratio Lower Upper
106 100
91 162.2 165.5 248.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037407.D
Acq: 31 Aug 2023 05:26

Tgt Ion:152 Resp: 103468
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.946 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037407.D

Acq: 31 Aug 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

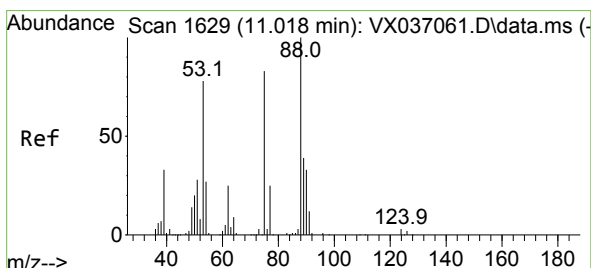
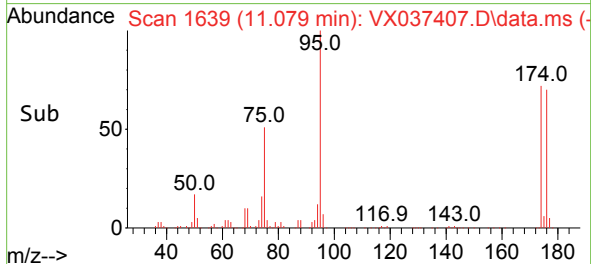
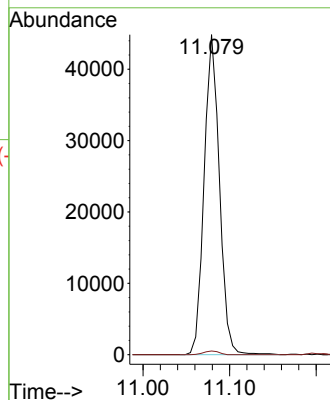
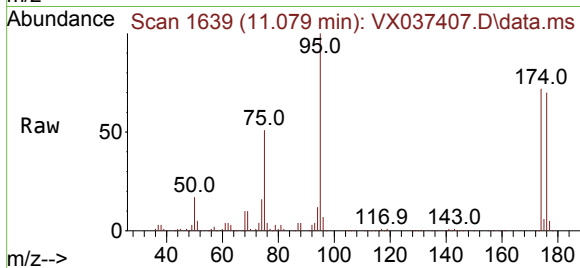
DUP09-20230822

Tgt Ion: 75 Resp: 54969

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.675 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037407.D

Acq: 31 Aug 2023 05:26

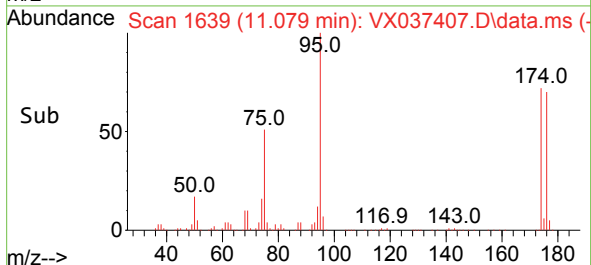
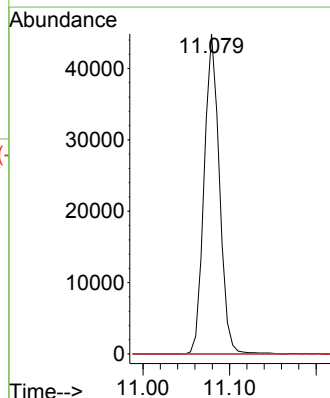
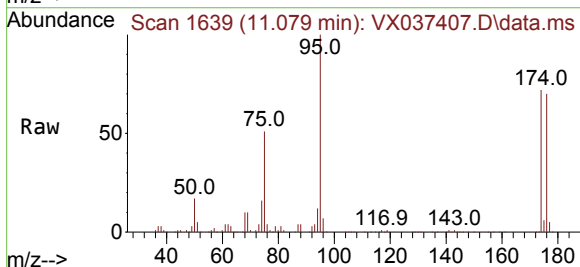
Tgt Ion: 75 Resp: 54969

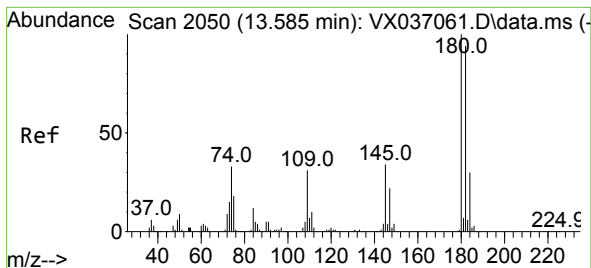
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.284 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX037407.D

Acq: 31 Aug 2023 05:26

Instrument :

MSVOA_X

ClientSampleId :

DUP09-20230822

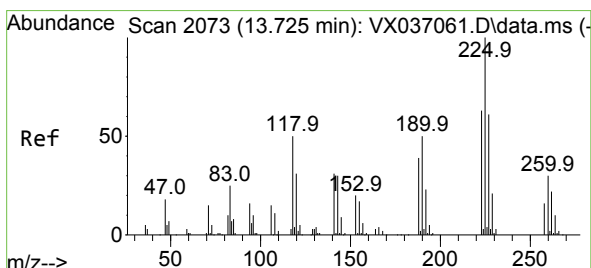
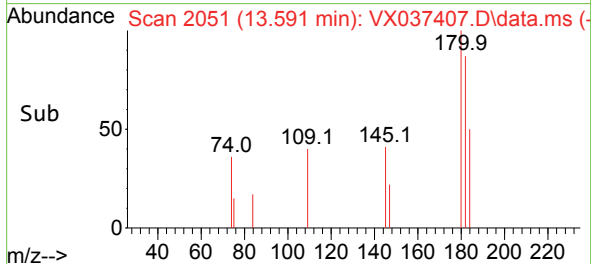
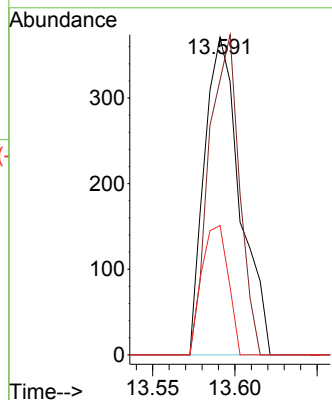
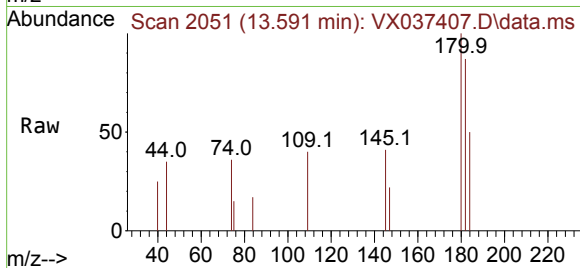
Tgt Ion:180 Resp: 559

Ion Ratio Lower Upper

180 100

182 85.3 48.3 144.8

145 30.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.328 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037407.D

Acq: 31 Aug 2023 05:26

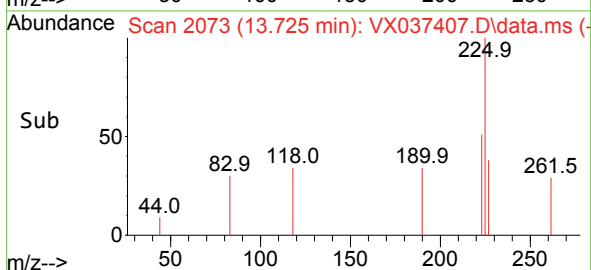
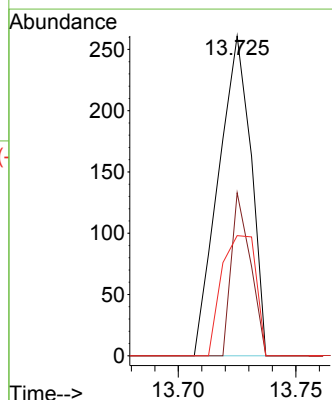
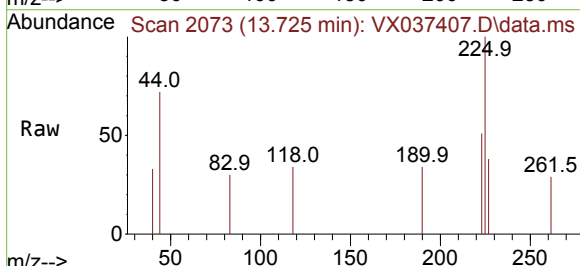
Tgt Ion:225 Resp: 250

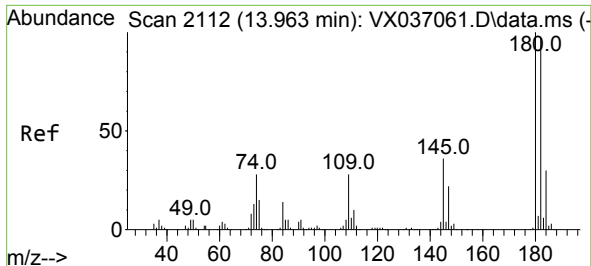
Ion Ratio Lower Upper

225 100

223 30.0 31.1 93.2#

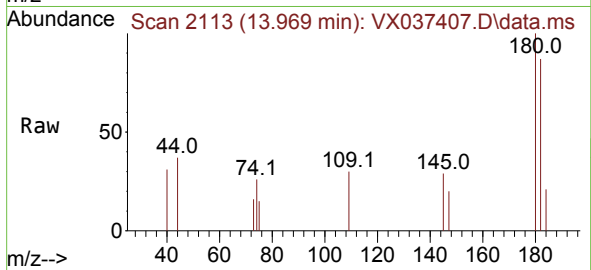
227 39.6 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX037407.D
 Acq: 31 Aug 2023 05:26

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20230822



Tgt Ion:	180	Resp:	505
Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.9	140.6
145	30.5	17.8	53.5

