

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037436.D
 Acq On : 31 Aug 2023 17:30
 Operator : JC/MD
 Sample : 04128-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20230822

Quant Time: Sep 01 03:14:43 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)

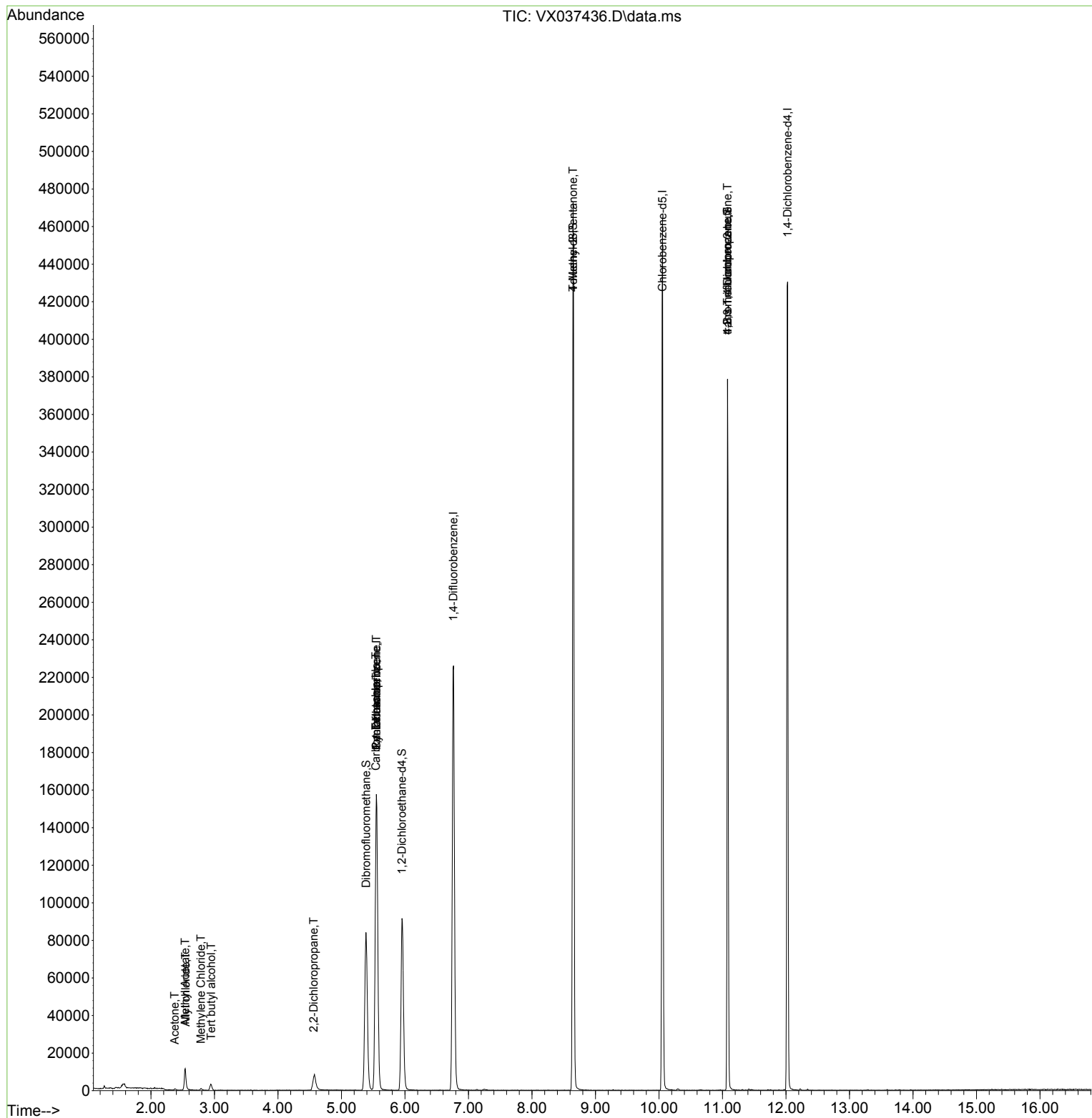
Internal Standards						
1) Pentafluorobenzene	5.550	168	147691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91687	43.061	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.120%		
35) Dibromofluoromethane	5.385	113	76037	47.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.060%		
50) Toluene-d8	8.647	98	285551	48.688	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	103135	44.748	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.500%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2057	4.118	ug/l #	78
14) Allyl chloride	2.544	41	1161	0.493	ug/l #	71
16) Acetone	2.374	43	829	0.995	ug/l	91
18) Methyl Acetate	2.538	43	3670	1.170	ug/l #	53
20) Methylene Chloride	2.788	84	507	0.272	ug/l #	79
26) 2,2-Dichloropropane	4.562	77	704	0.260	ug/l #	54
31) Cyclohexane	5.550	56	2730	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11511	5.011	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15573	6.241	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1005	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50947	24.961	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50947	69.717	ug/l #	5

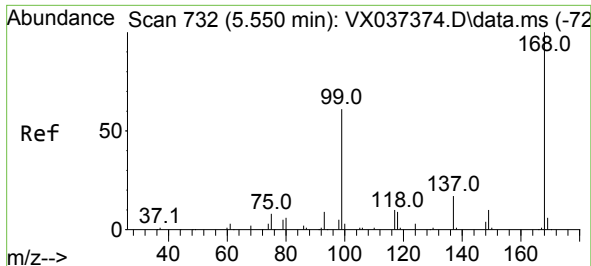
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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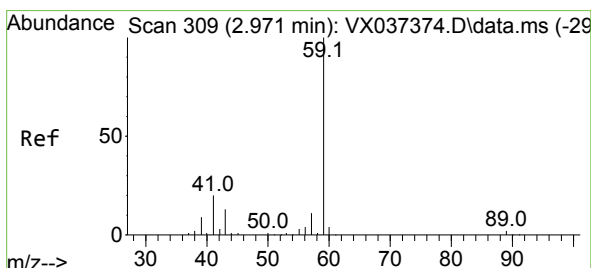
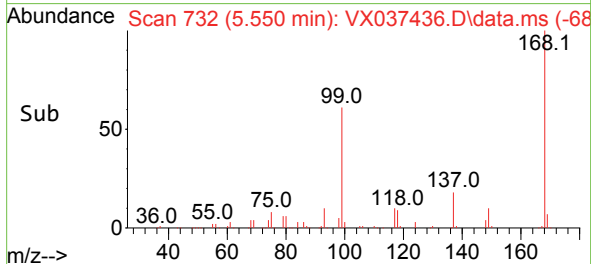
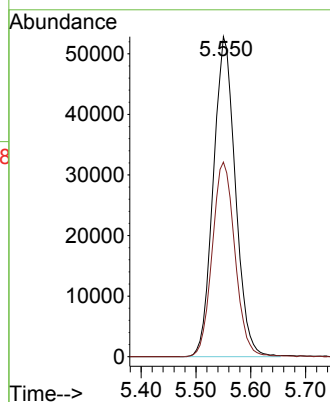
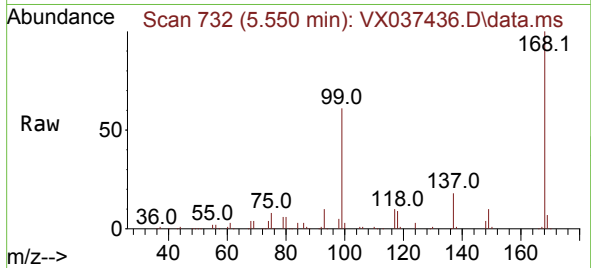




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

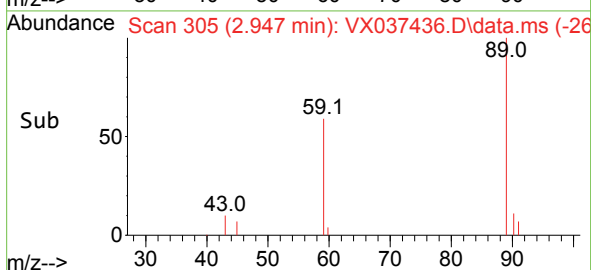
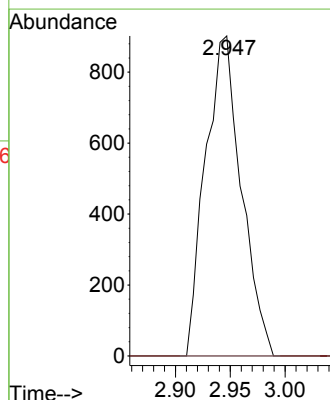
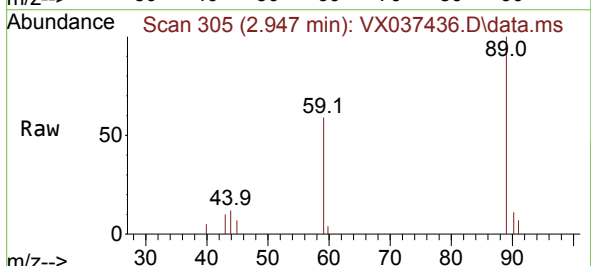
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

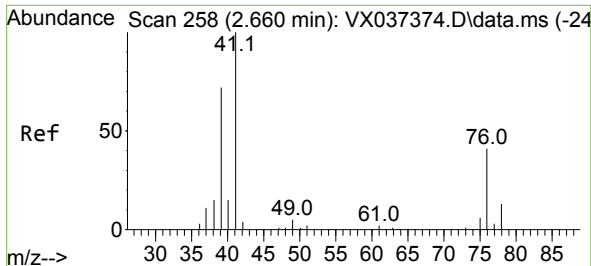
Tgt Ion:168 Resp: 147691
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.118 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Tgt Ion: 59 Resp: 2057
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

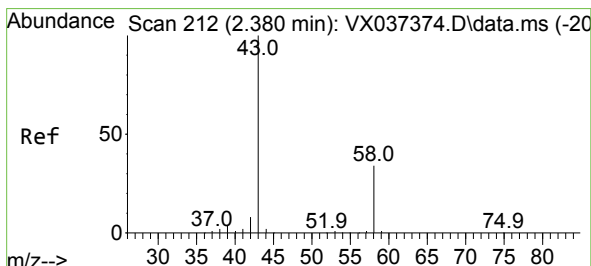
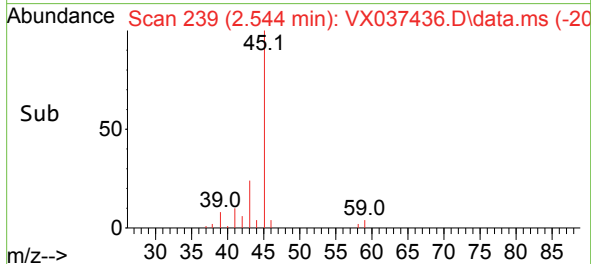
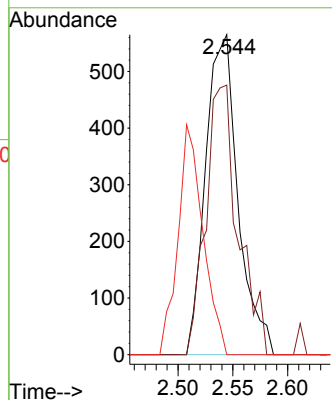
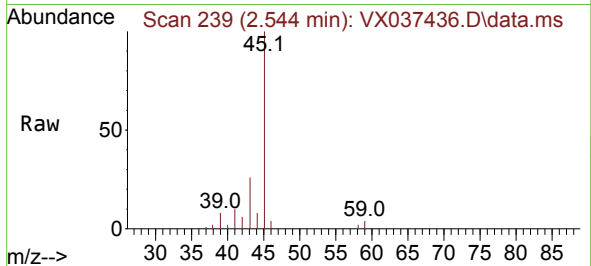




#14
 Allyl chloride
 Concen: 0.493 ug/l
 RT: 2.544 min Scan# 211
 Delta R.T. -0.116 min
 Lab File: VX037436.D
 Acq: 31 Aug 2023 17:30

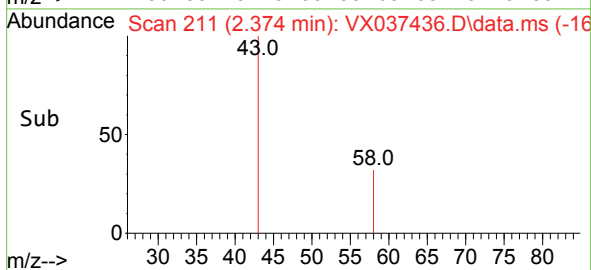
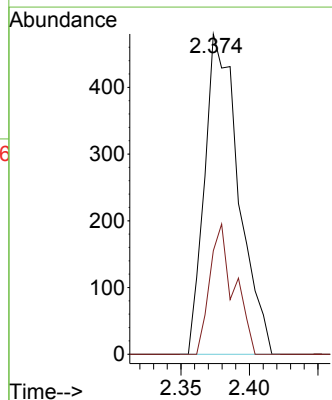
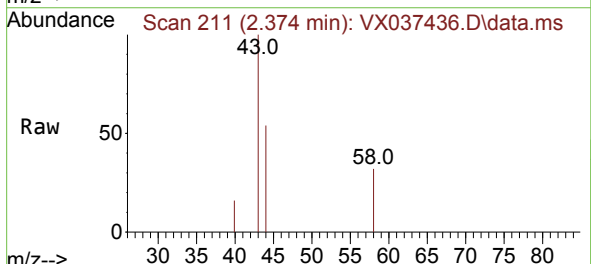
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20230822

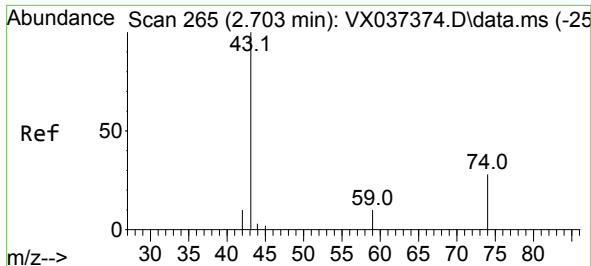
Tgt Ion: 41 Resp: 1161
 Ion Ratio Lower Upper
 41 100
 39 84.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 0.995 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: VX037436.D
 Acq: 31 Aug 2023 17:30

Tgt Ion: 43 Resp: 829
 Ion Ratio Lower Upper
 43 100
 58 32.3 21.9 32.9





#18

Methyl Acetate

Concen: 1.170 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.164 min

Lab File: VX037436.D

Acq: 31 Aug 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

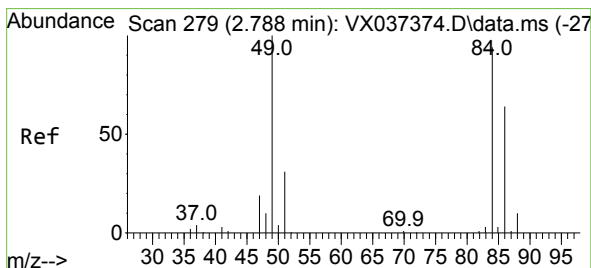
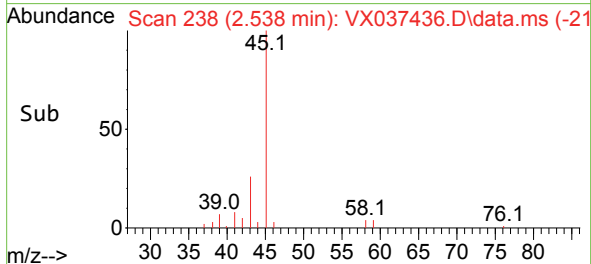
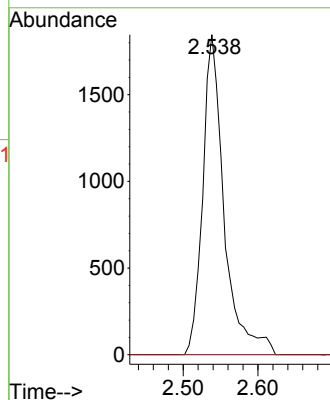
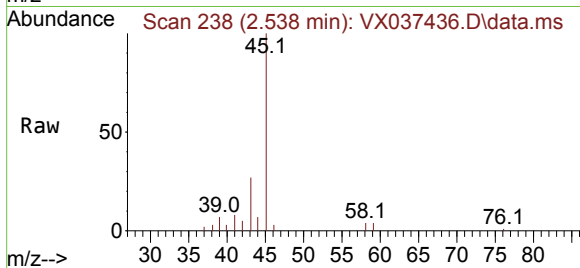
DUP10-20230822

Tgt Ion: 43 Resp: 3670

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037436.D

Acq: 31 Aug 2023 17:30

Tgt Ion: 84 Resp: 507

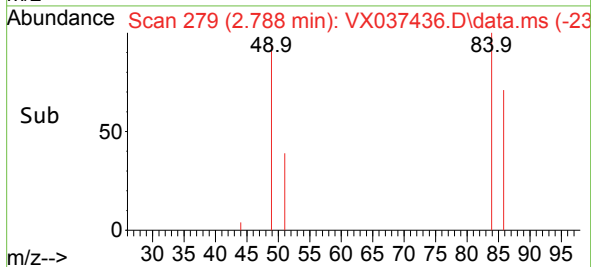
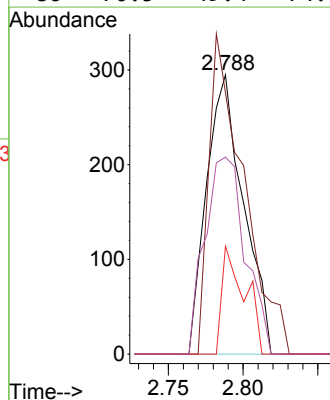
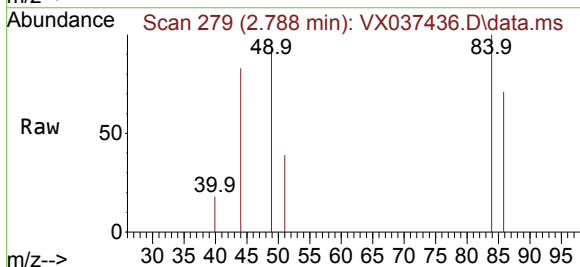
Ion Ratio Lower Upper

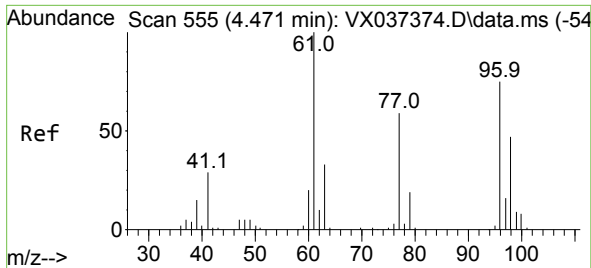
84 100

49 93.6 103.6 155.4#

51 38.6 33.8 50.6

86 70.5 49.4 74.0

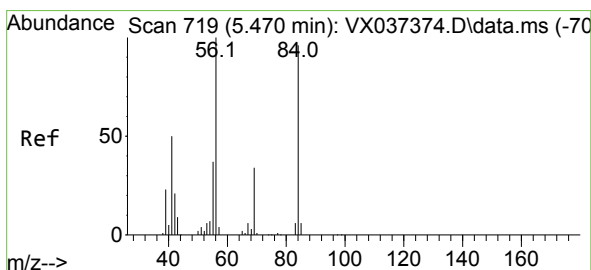
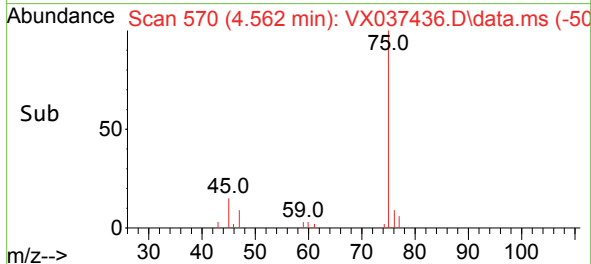
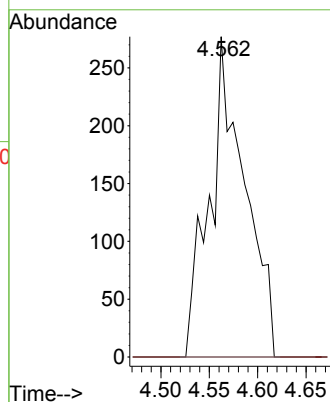
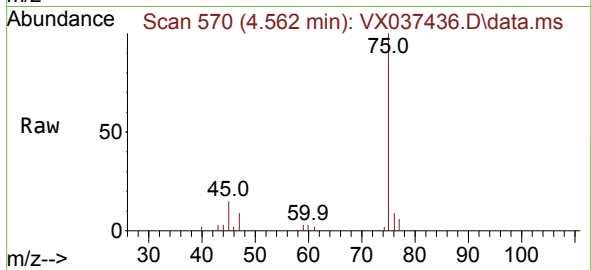




#26
2,2-Dichloropropane
Concen: 0.260 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

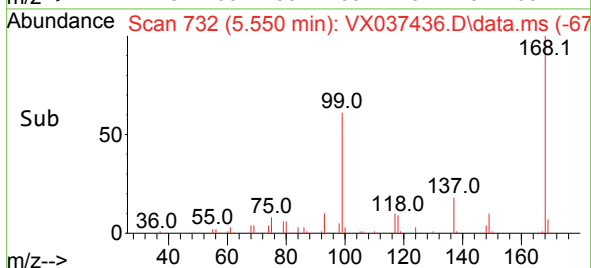
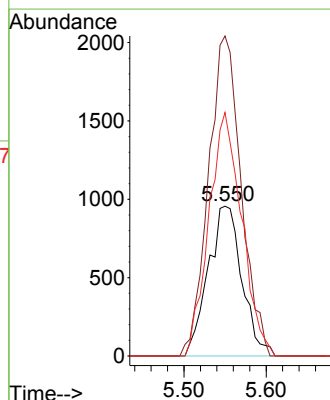
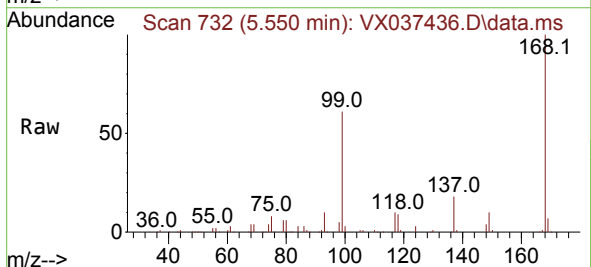
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

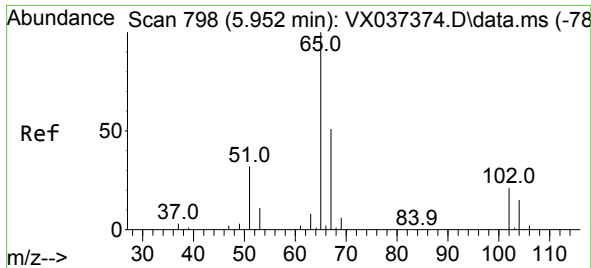
Tgt Ion: 77 Resp: 704
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Tgt Ion: 56 Resp: 2730
Ion Ratio Lower Upper
56 100
69 213.6 23.4 35.2#
84 162.6 65.9 98.9#

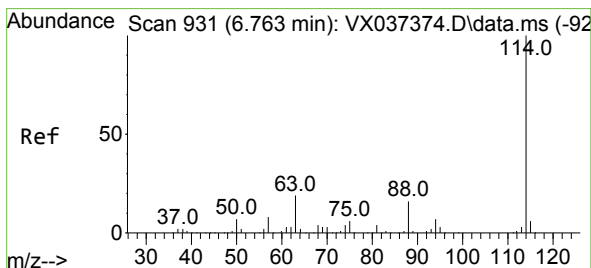
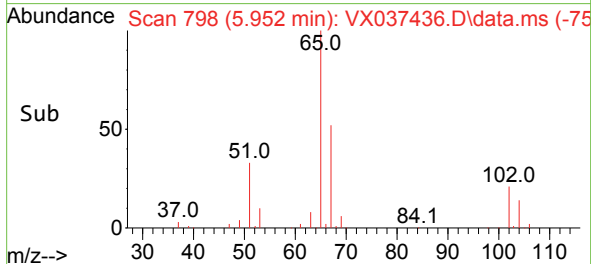
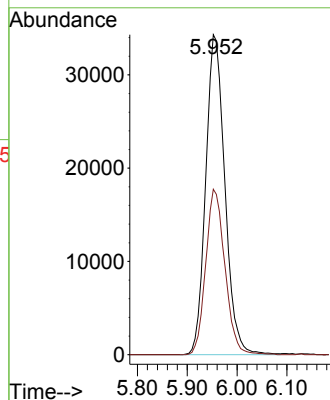
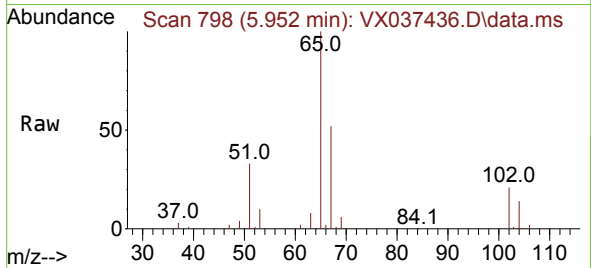




#33
1,2-Dichloroethane-d4
Concen: 43.061 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

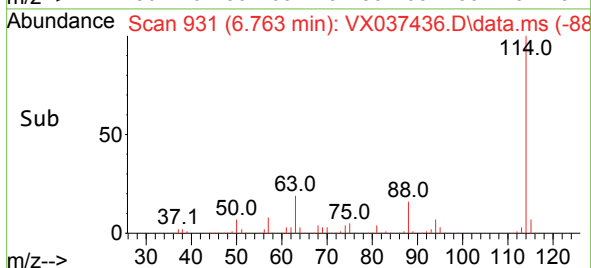
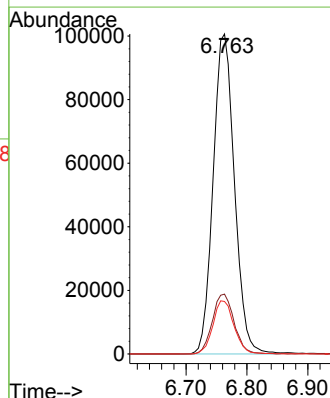
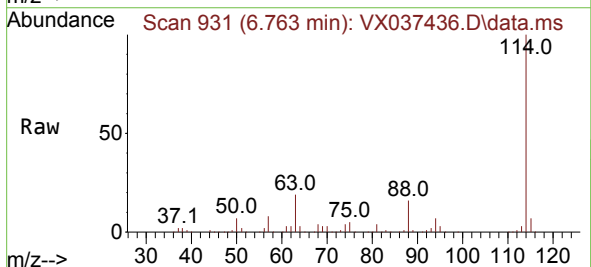
Instrument :
MSVOA_X
ClientSampleId :
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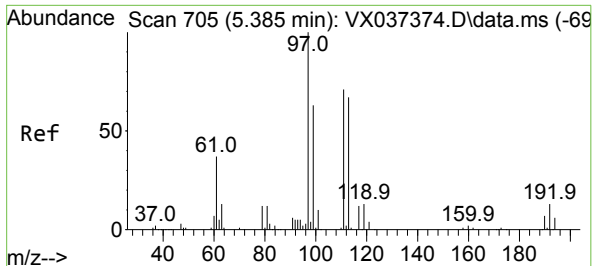
Tgt Ion: 65 Resp: 91687
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

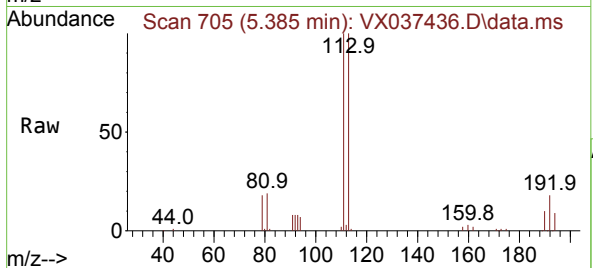
Tgt Ion: 114 Resp: 244133
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.4 0.0 36.6



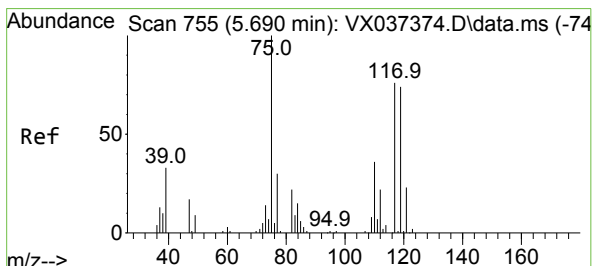
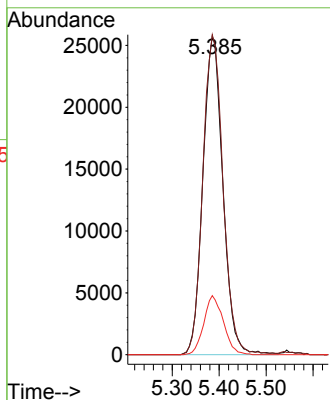
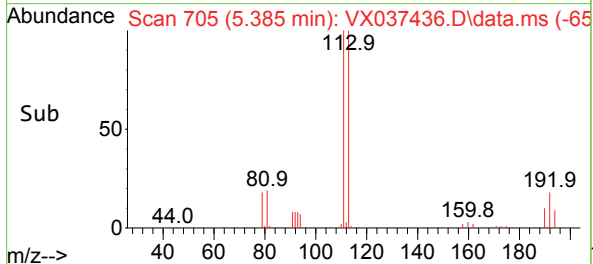


#35
Dibromofluoromethane
Concen: 47.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
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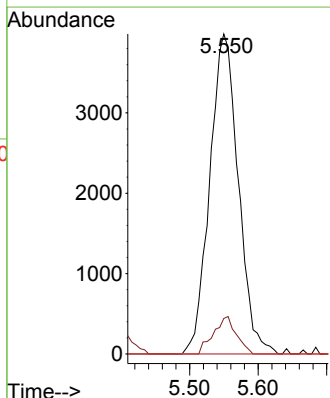
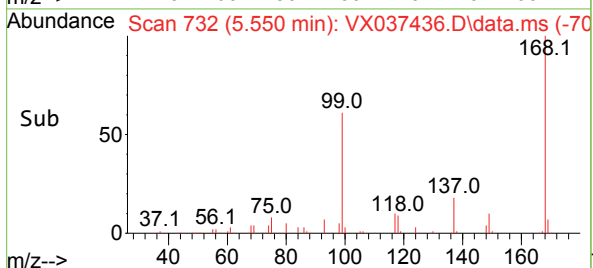
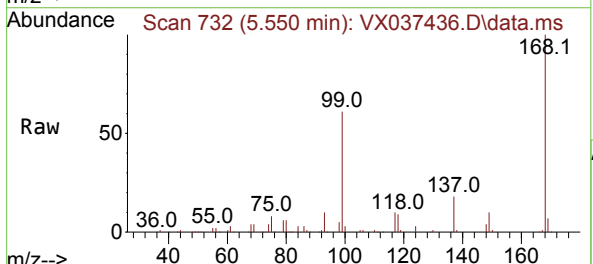


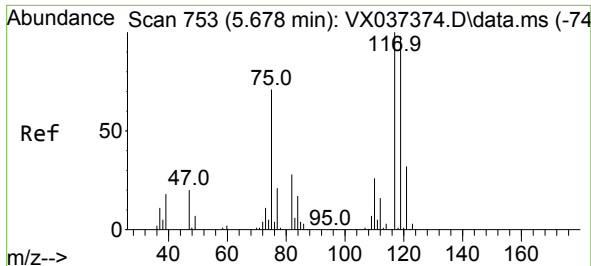
Tgt Ion:113 Resp: 76037
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

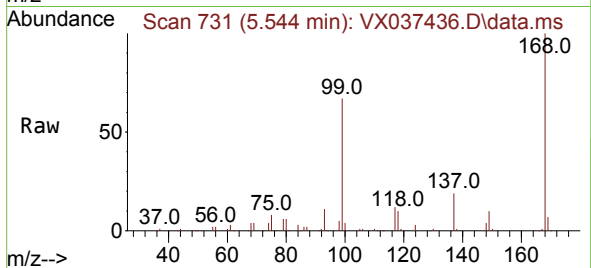
Tgt Ion: 75 Resp: 11511
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



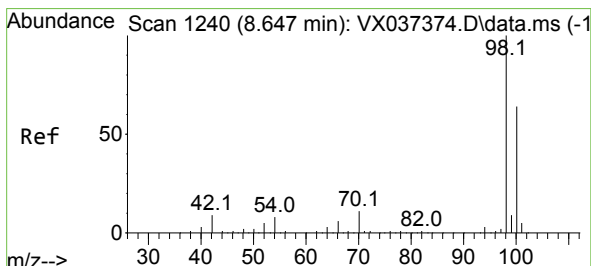
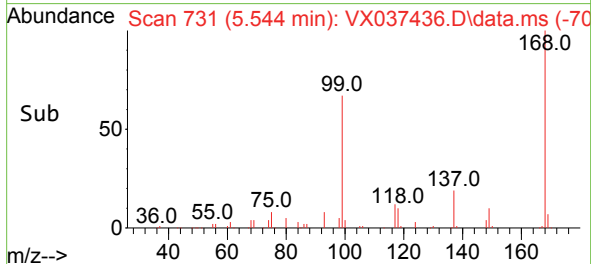
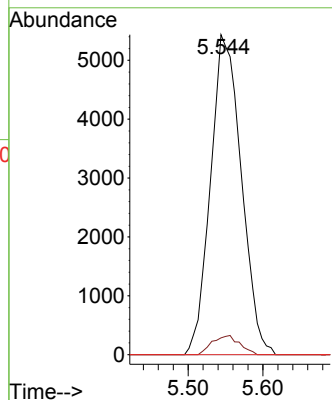


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

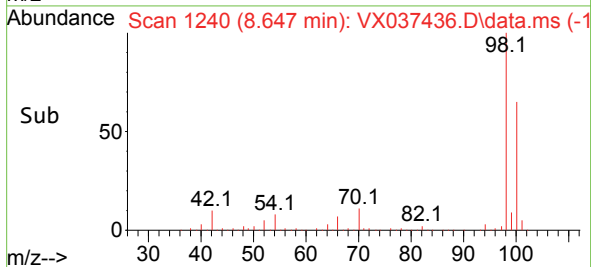
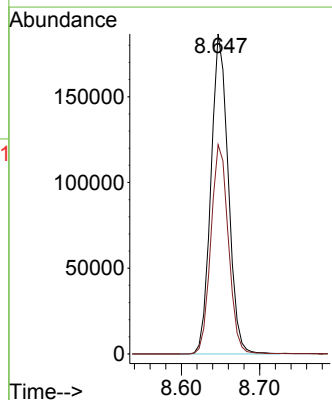
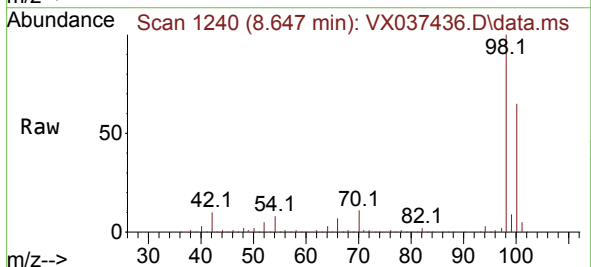


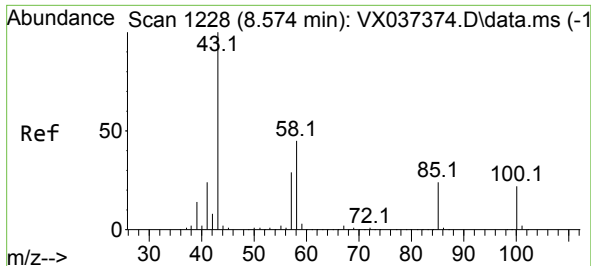
Tgt Ion:117 Resp: 15573
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.688 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Tgt Ion: 98 Resp: 285551
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

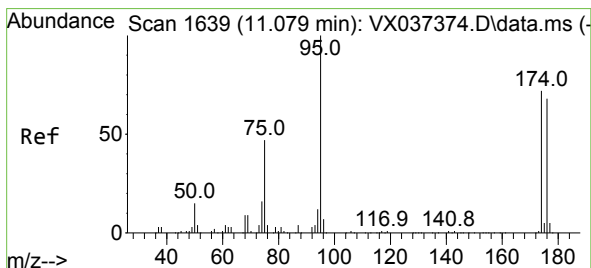
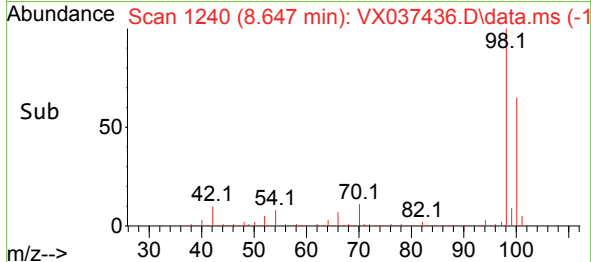
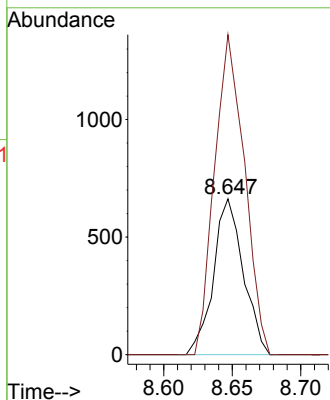
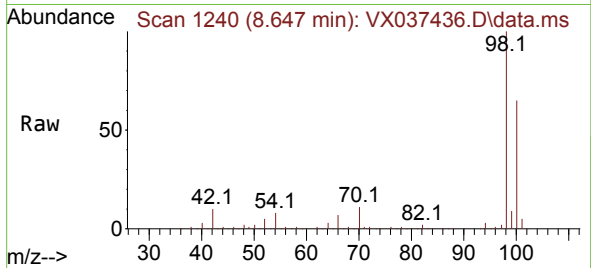




#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

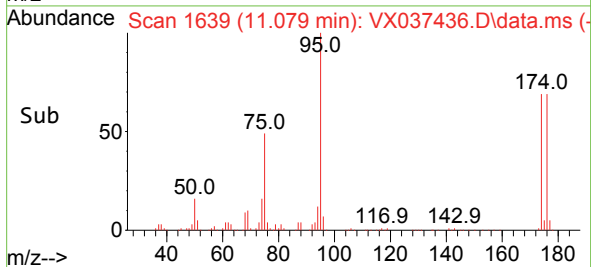
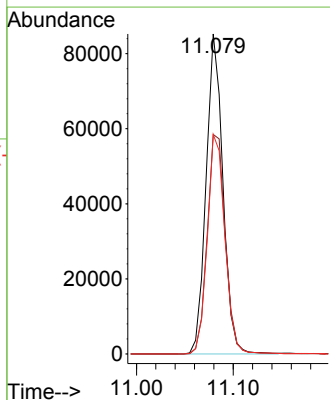
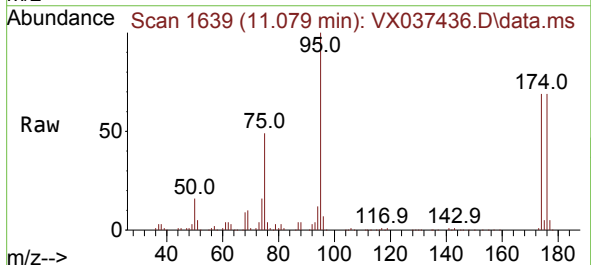
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

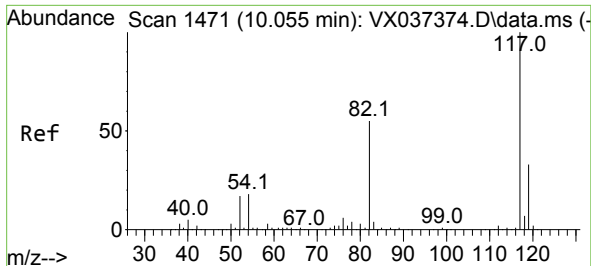
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 206.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Tgt Ion: 95 Resp: 103135
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.6 0.0 131.0

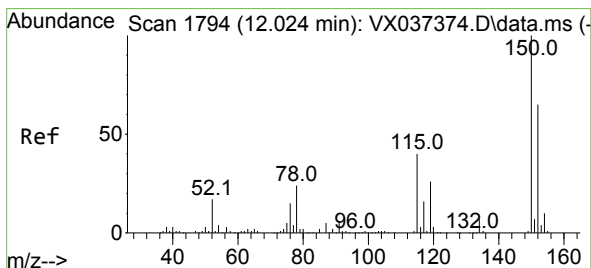
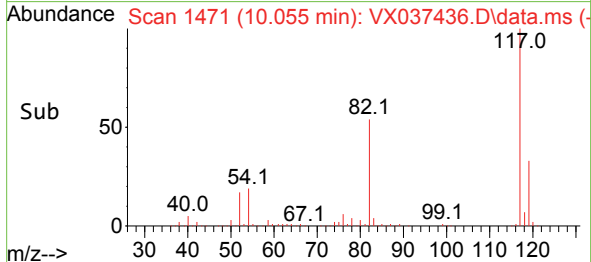
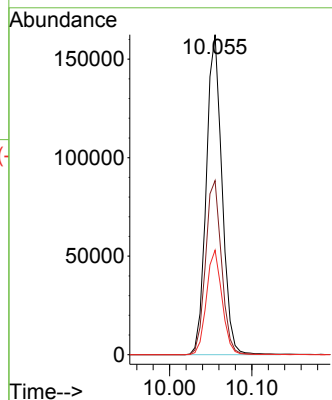
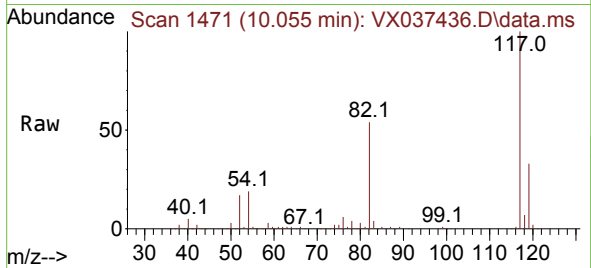




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

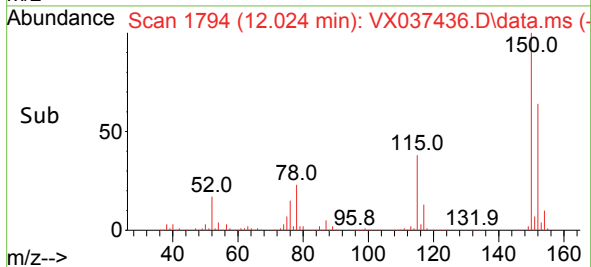
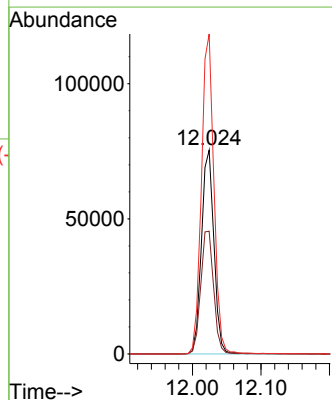
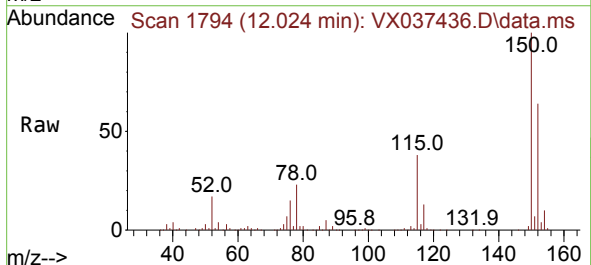
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

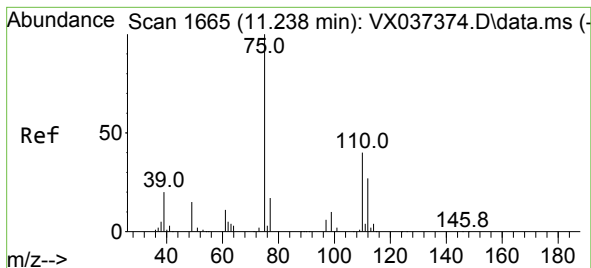
Tgt Ion:117 Resp: 215379
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037436.D
Acq: 31 Aug 2023 17:30

Tgt Ion:152 Resp: 95840
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.961 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037436.D

Acq: 31 Aug 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

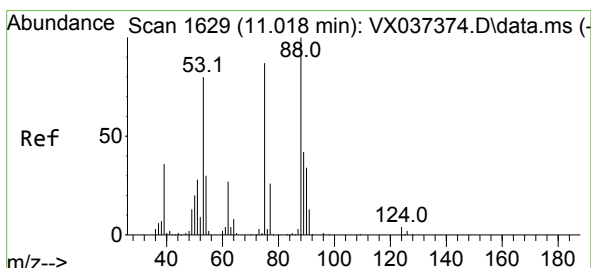
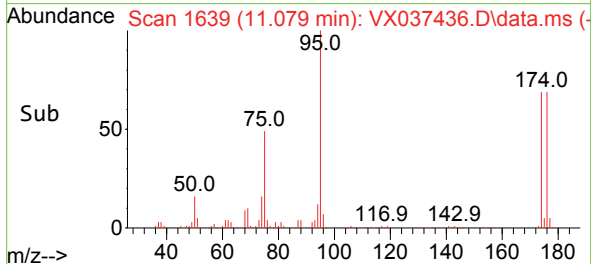
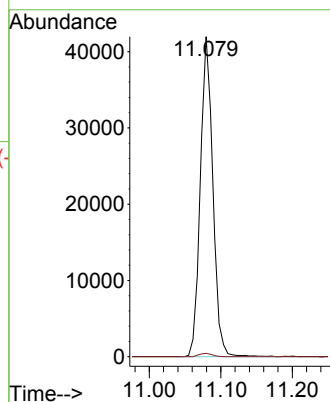
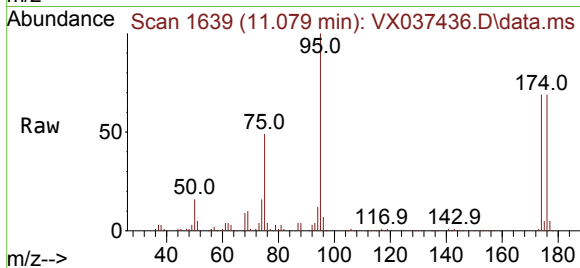
DUP10-20230822

Tgt Ion: 75 Resp: 50947

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.717 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037436.D

Acq: 31 Aug 2023 17:30

Tgt Ion: 75 Resp: 50947

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

