

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037301.D
 Acq On : 28 Aug 2023 17:49
 Operator : JC/MD
 Sample : 04126-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20230819

Quant Time: Aug 29 01:01:27 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

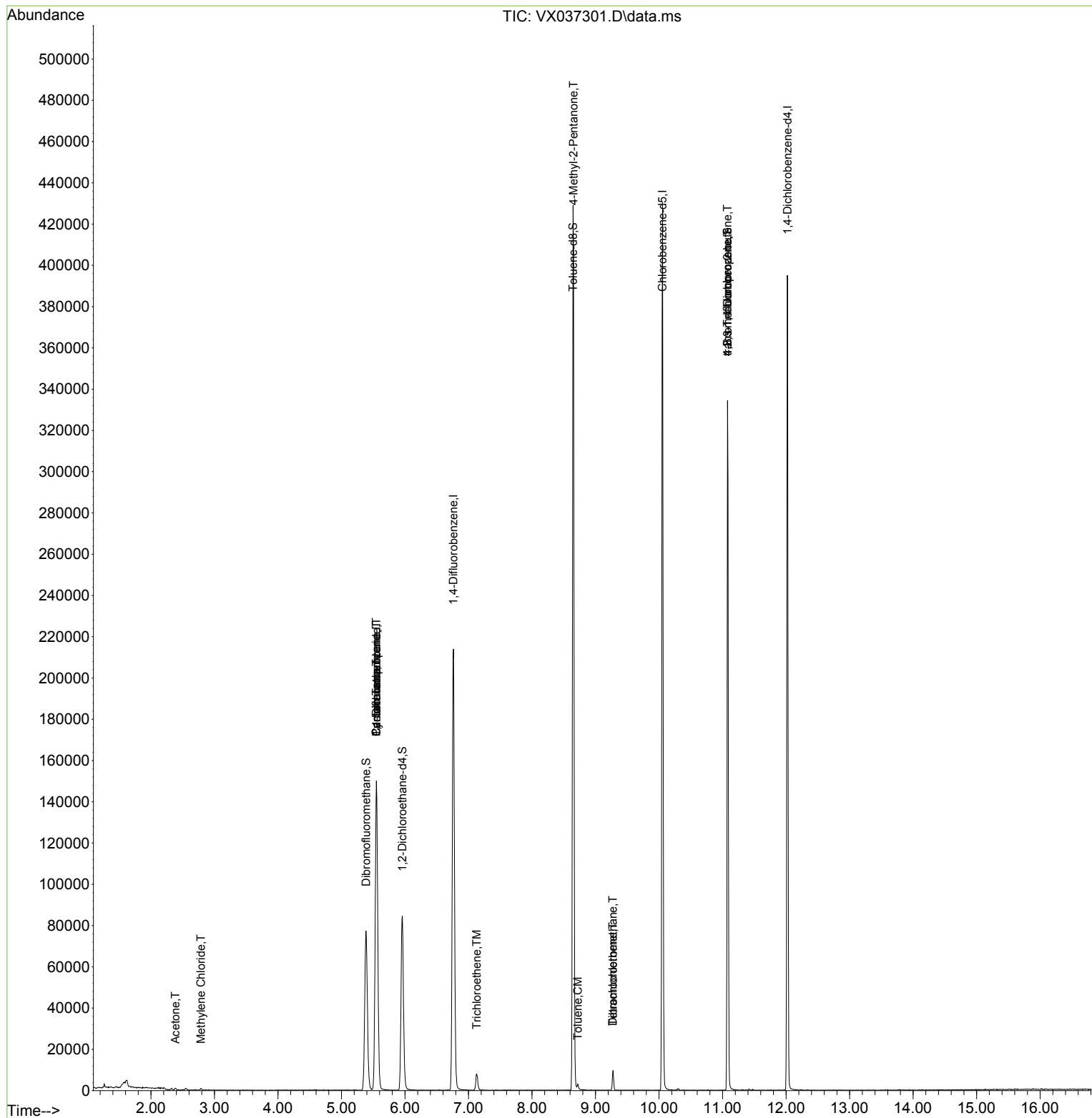
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

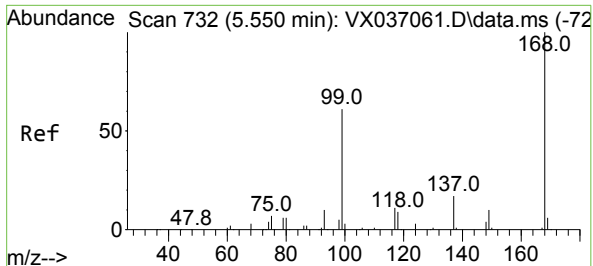
Internal Standards						
1) Pentafluorobenzene	5.550	168	139431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84853	42.212	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.420%		
35) Dibromofluoromethane	5.385	113	69613	46.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	8.647	98	265694	48.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	93966	43.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.580%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	952	1.211	ug/l #	81
20) Methylene Chloride	2.788	84	423	0.241	ug/l #	73
31) Cyclohexane	5.550	56	2586	1.144	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11063	5.172	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14733	6.341	ug/l #	14
44) Trichloroethene	7.129	130	3322	1.910	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	986	0.468	ug/l #	1
52) Toluene	8.720	92	941	0.232	ug/l	97
60) Dibromochloromethane	9.275	129	1759	1.001	ug/l #	11
64) Tetrachloroethene	9.275	164	1895	1.291	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	48042	26.261	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48042	73.347	ug/l #	5

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

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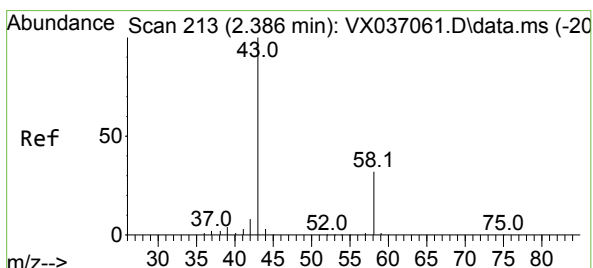
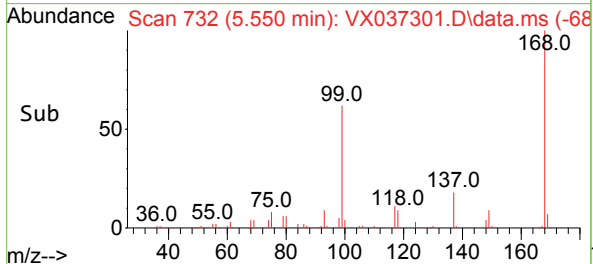
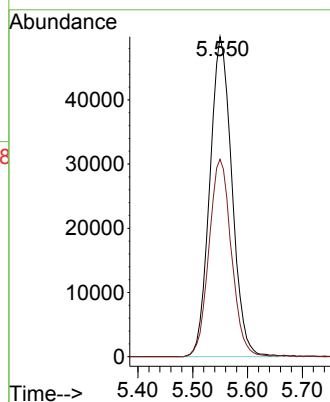
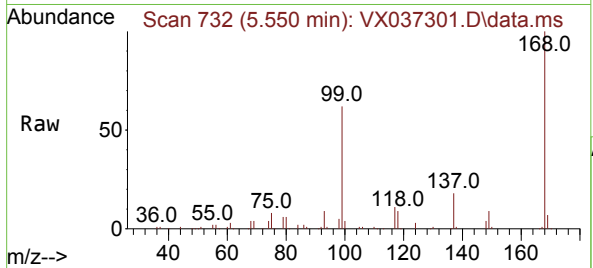




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

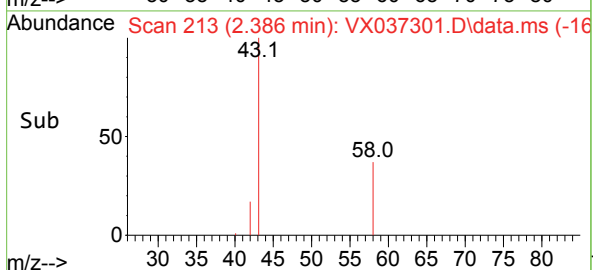
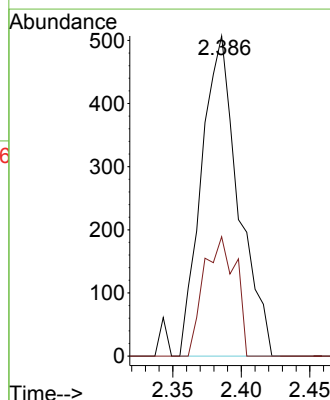
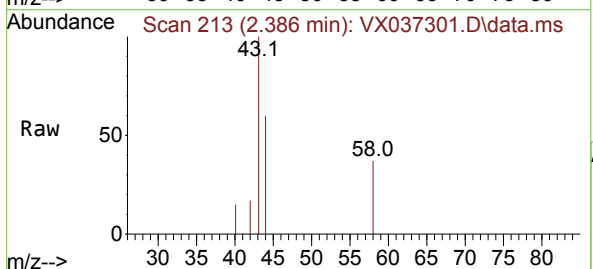
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20230819

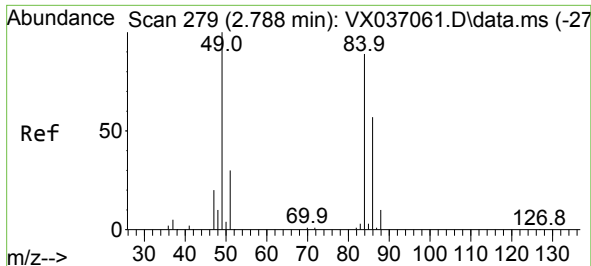
Tgt Ion:168 Resp: 139431
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 1.211 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 37.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.241 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20230819

Tgt Ion: 84 Resp: 423

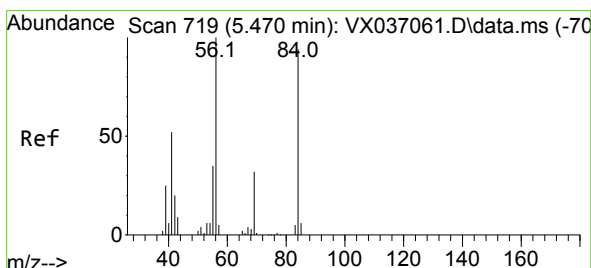
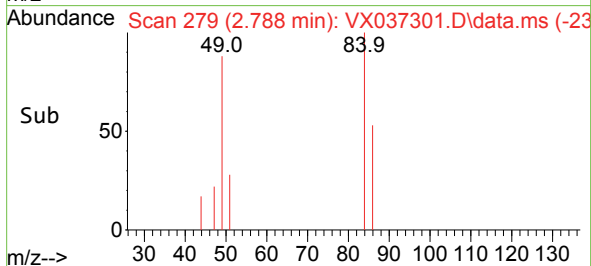
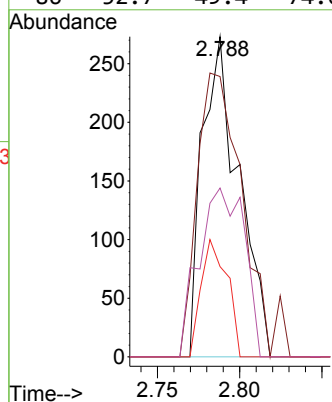
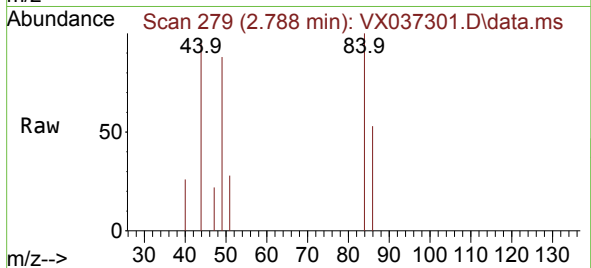
Ion Ratio Lower Upper

84 100

49 87.5 103.6 155.4#

51 28.2 33.8 50.6#

86 52.7 49.4 74.0



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

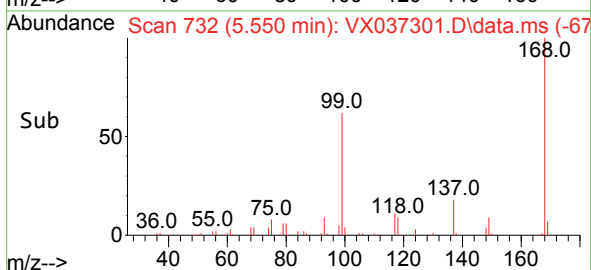
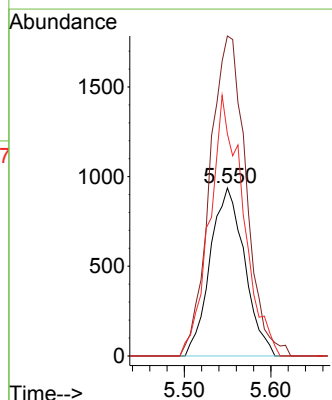
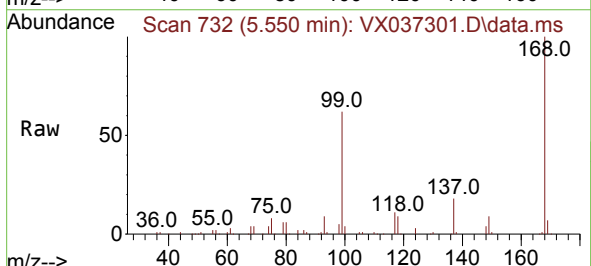
Tgt Ion: 56 Resp: 2586

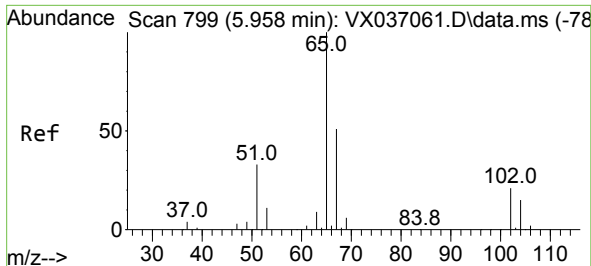
Ion Ratio Lower Upper

56 100

69 190.5 23.4 35.2#

84 132.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.212 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

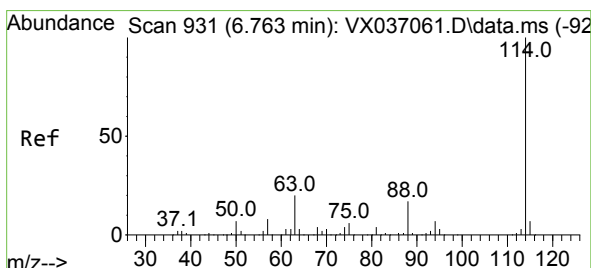
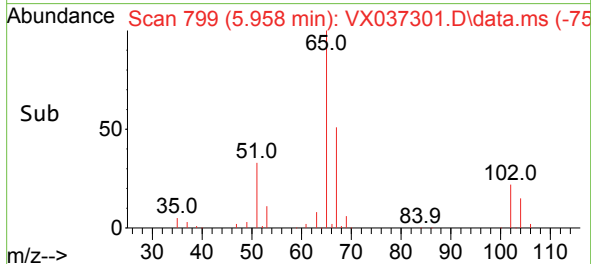
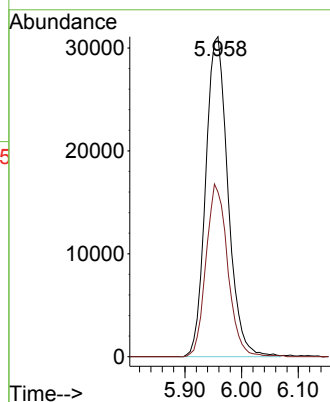
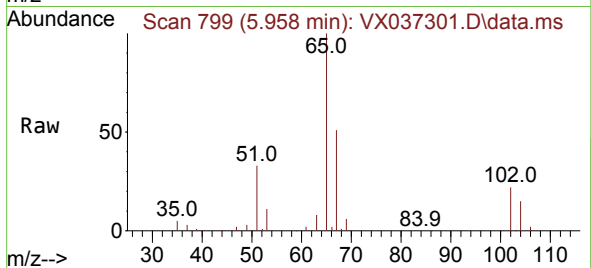
DUP07-20230819

Tgt Ion: 65 Resp: 84853

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037301.D

Acq: 28 Aug 2023 17:49

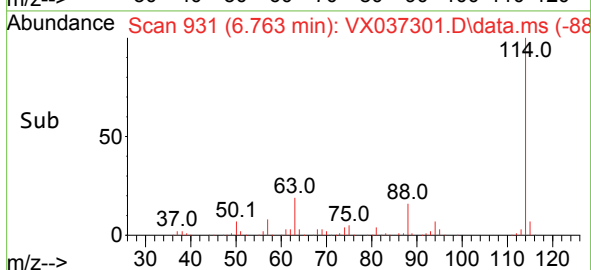
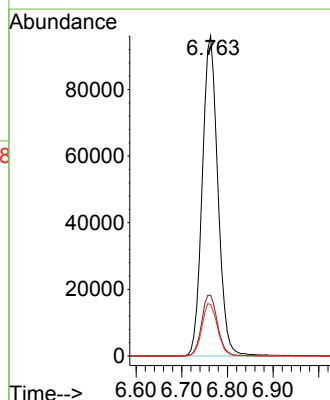
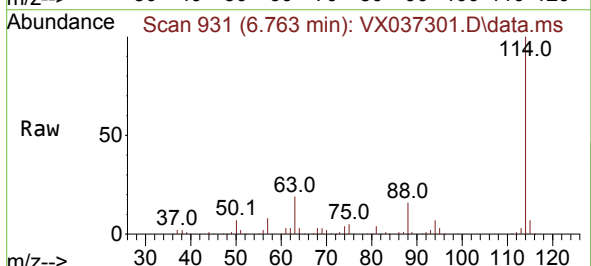
Tgt Ion: 114 Resp: 227313

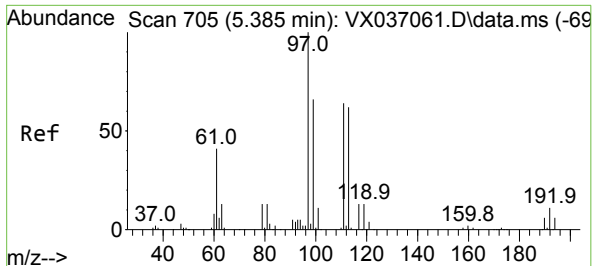
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.241 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037301.D

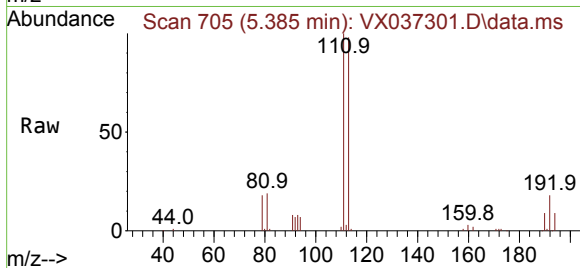
Acq: 28 Aug 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20230819



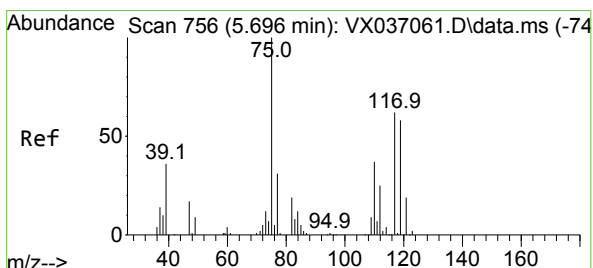
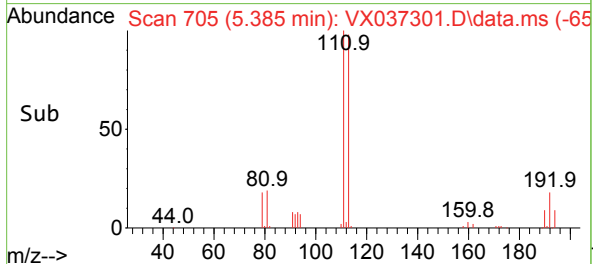
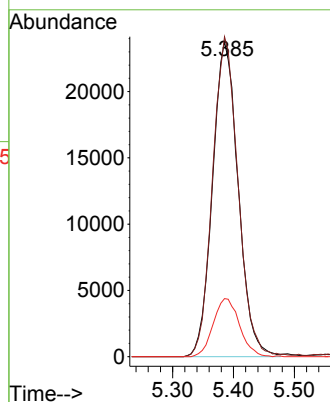
Tgt Ion:113 Resp: 69613

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.172 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

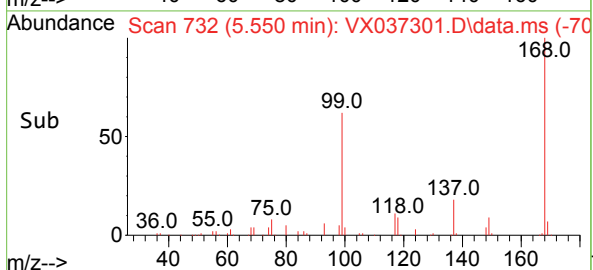
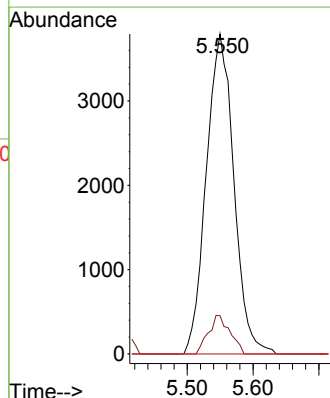
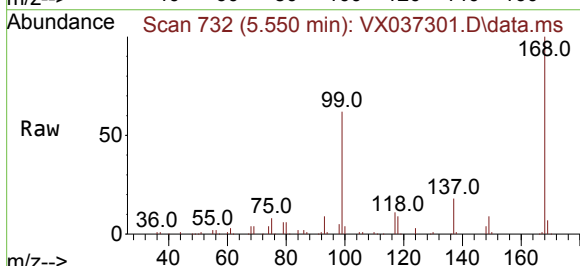
Tgt Ion: 75 Resp: 11063

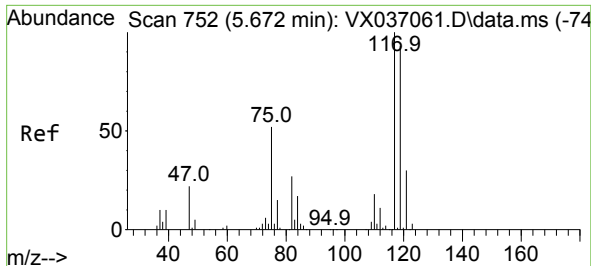
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

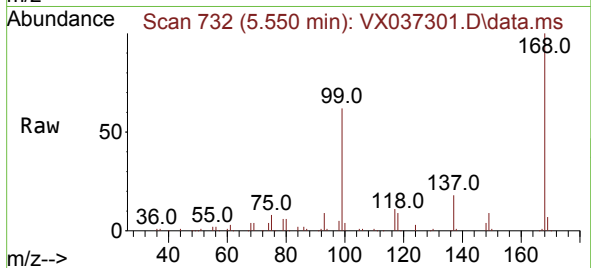
77 0.0 24.7 37.1#



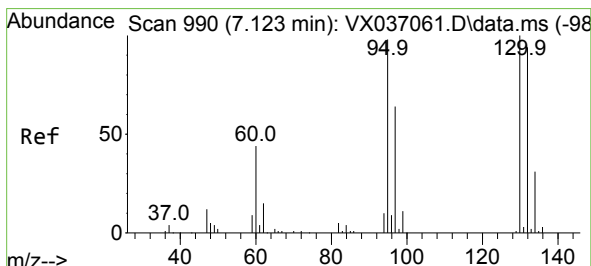
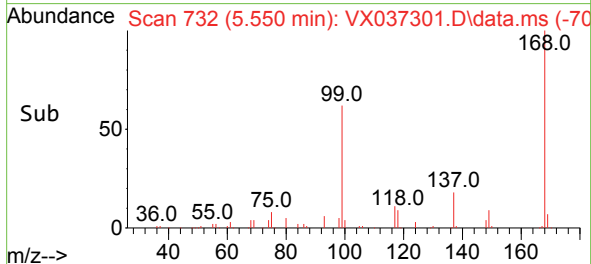
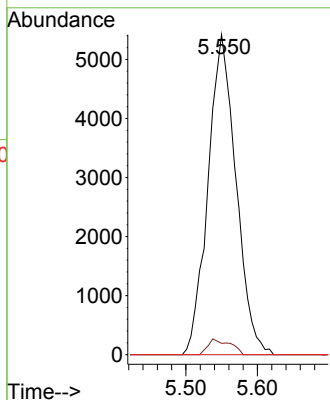


#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20230819

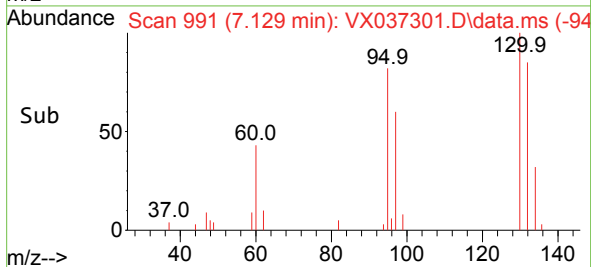
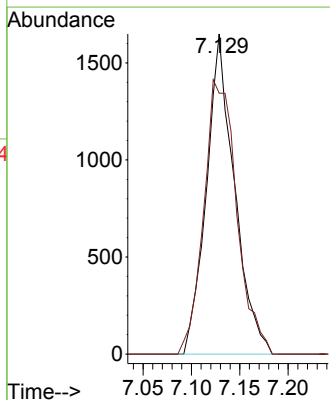
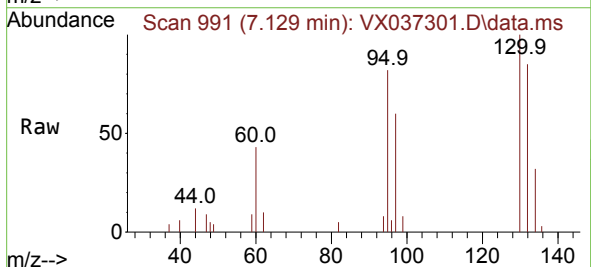


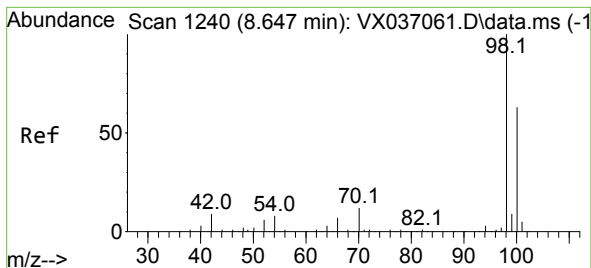
Tgt Ion:117 Resp: 14733
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.910 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Tgt Ion:130 Resp: 3322
Ion Ratio Lower Upper
130 100
95 81.5 0.0 204.4





#50

Toluene-d8

Concen: 48.655 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

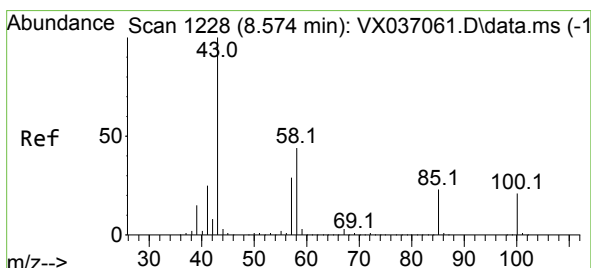
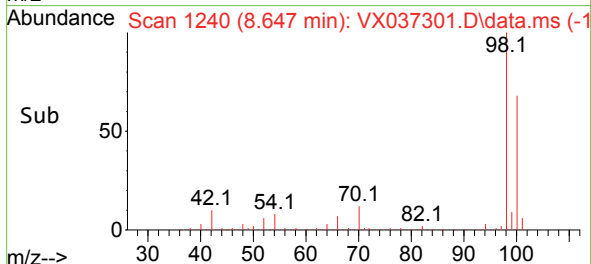
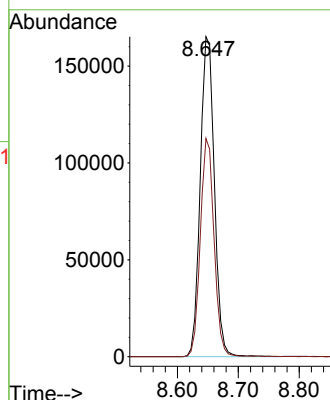
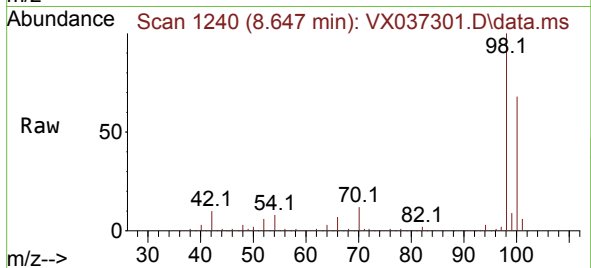
DUP07-20230819

Tgt Ion: 98 Resp: 265694

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037301.D

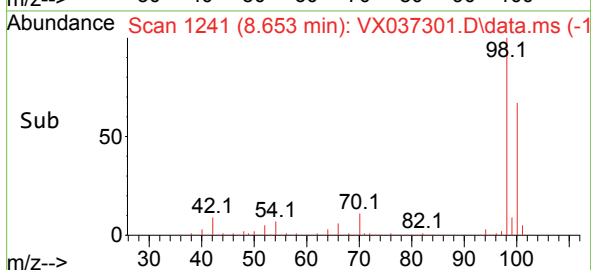
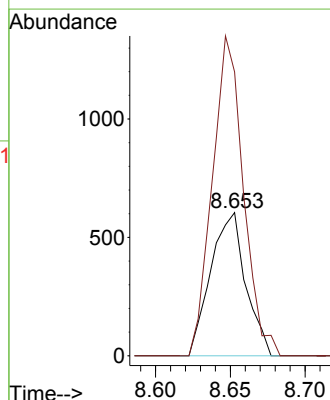
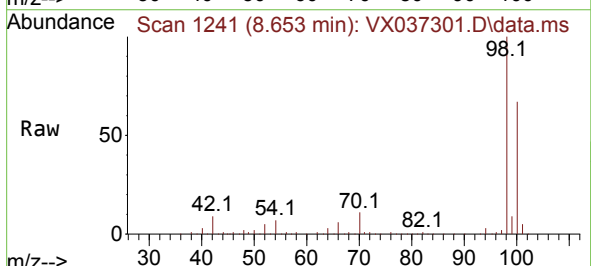
Acq: 28 Aug 2023 17:49

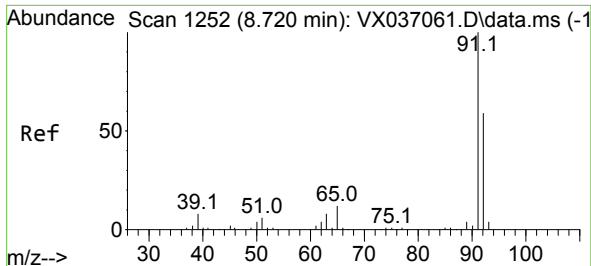
Tgt Ion: 43 Resp: 986

Ion Ratio Lower Upper

43 100

58 197.8 30.4 45.6#

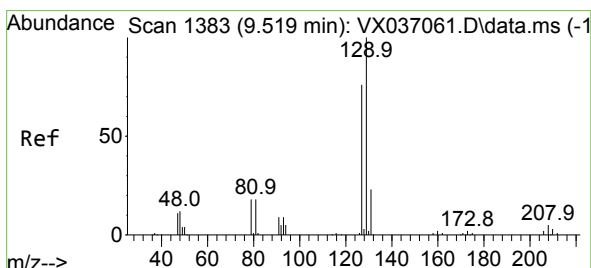
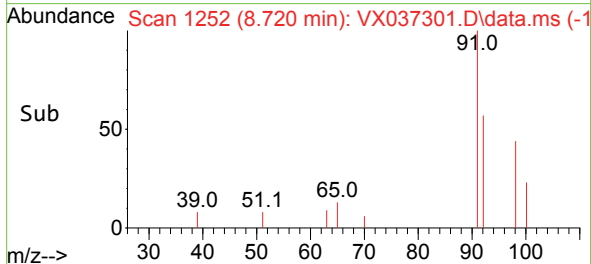
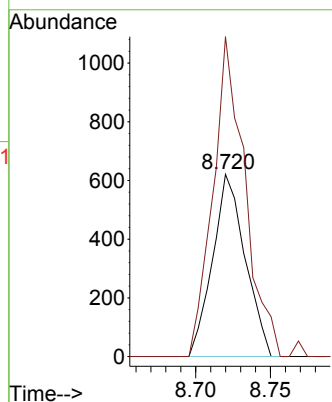
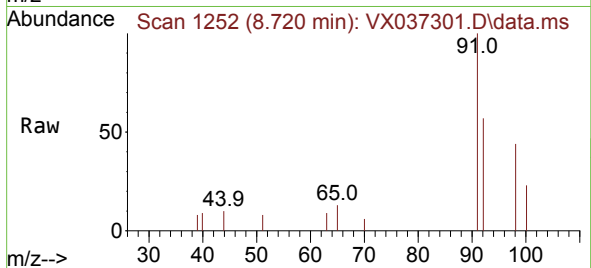




#52
Toluene
Concen: 0.232 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

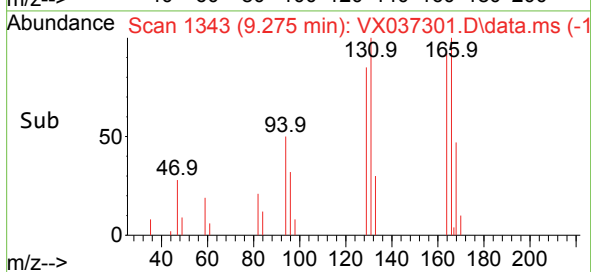
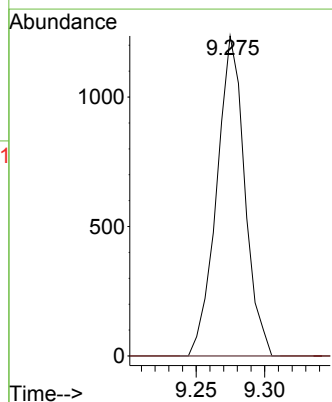
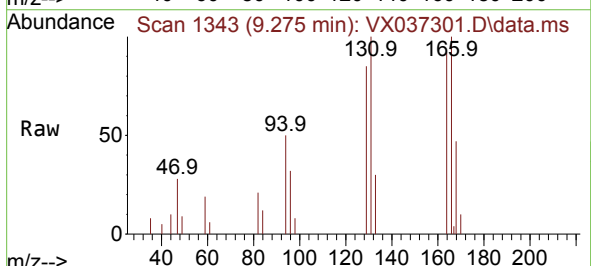
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20230819

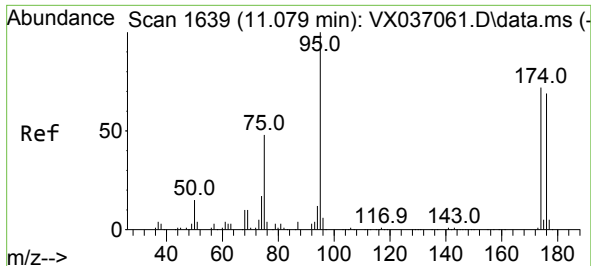
Tgt Ion: 92 Resp: 941
Ion Ratio Lower Upper
92 100
91 171.8 134.2 201.2



#60
Dibromochloromethane
Concen: 1.001 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Tgt Ion: 129 Resp: 1759
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

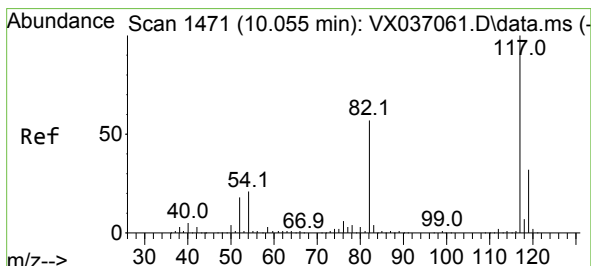
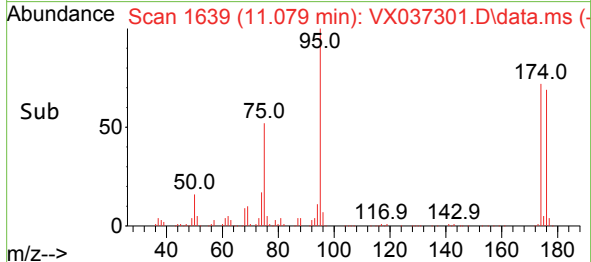
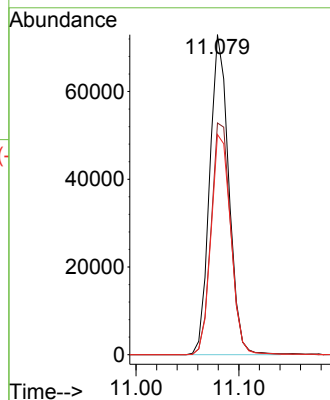
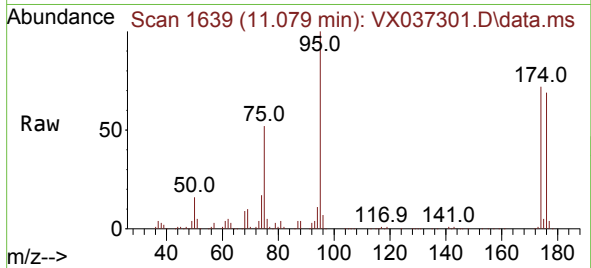




#62
4-Bromofluorobenzene
Concen: 43.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

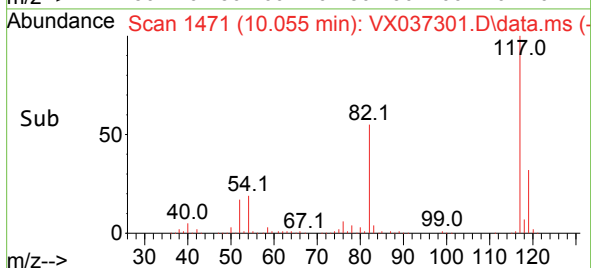
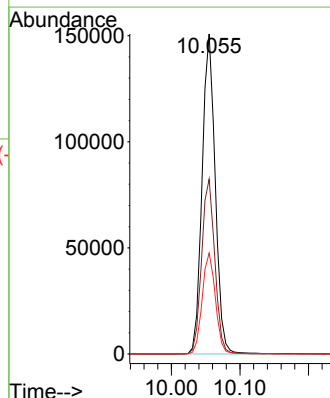
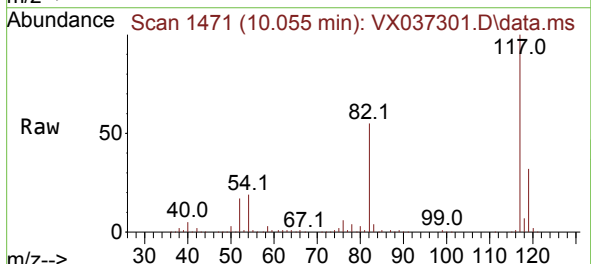
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20230819

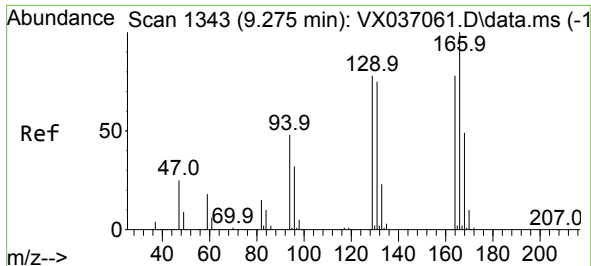
Tgt Ion: 95 Resp: 93966
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Tgt Ion: 117 Resp: 201188
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.6 25.5 38.3



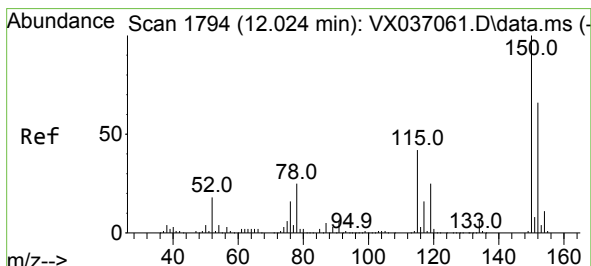
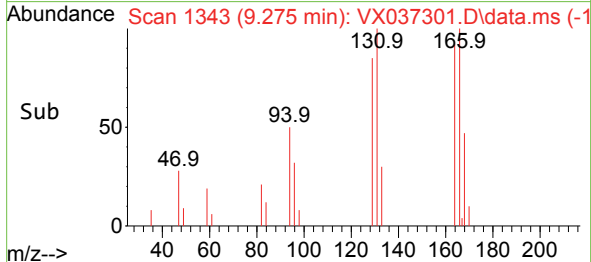
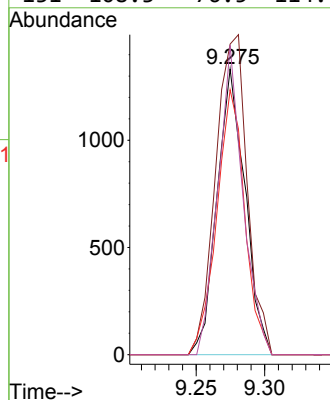
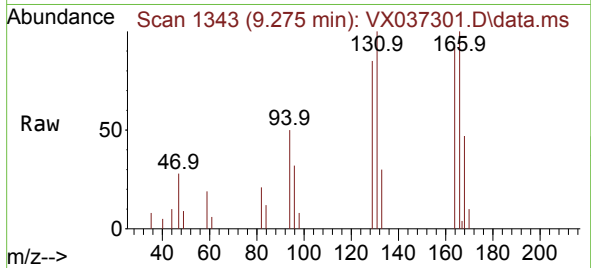


#64
Tetrachloroethene
Concen: 1.291 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20230819

Tgt Ion:164 Resp: 1895

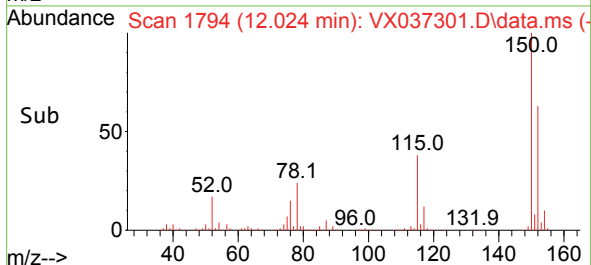
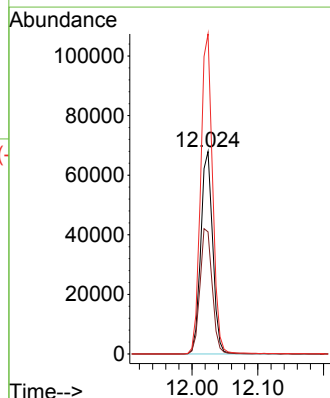
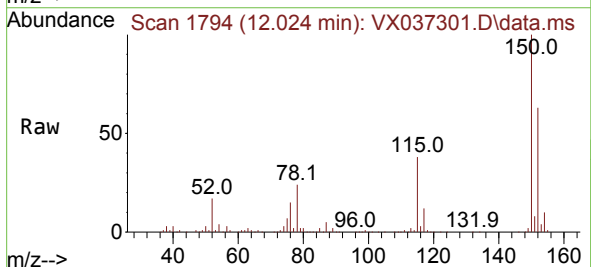
Ion	Ratio	Lower	Upper
164	100		
166	108.7	102.7	154.1
129	92.7	80.4	120.6
131	108.3	76.5	114.7

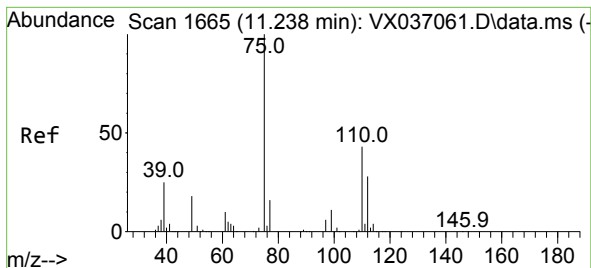


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037301.D
Acq: 28 Aug 2023 17:49

Tgt Ion:152 Resp: 85902

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.3	129.9
150	157.9	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 26.261 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

Instrument :

MSVOA_X

ClientSampleId :

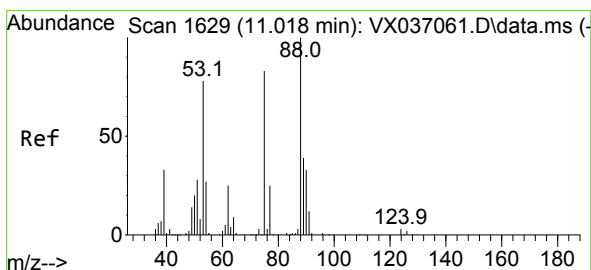
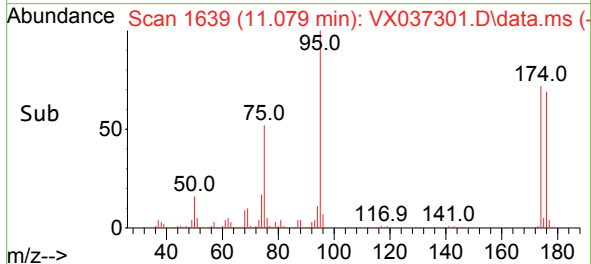
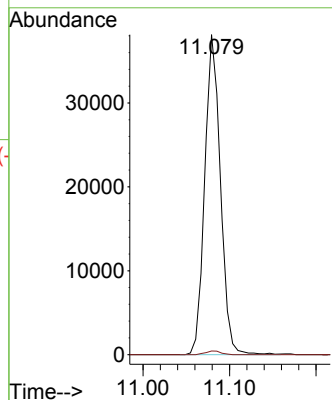
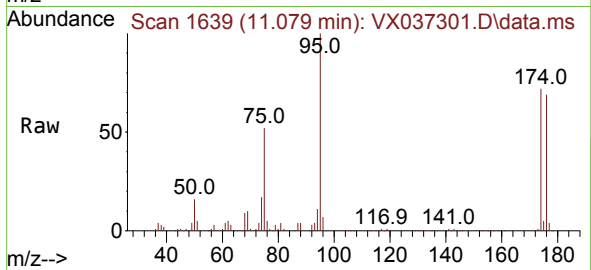
DUP07-20230819

Tgt Ion: 75 Resp: 48042

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.347 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037301.D

Acq: 28 Aug 2023 17:49

Tgt Ion: 75 Resp: 48042

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

