

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037268.D
 Acq On : 25 Aug 2023 13:56
 Operator : JC/MD
 Sample : 04051-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20230816DL

Quant Time: Aug 26 02:20:35 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)

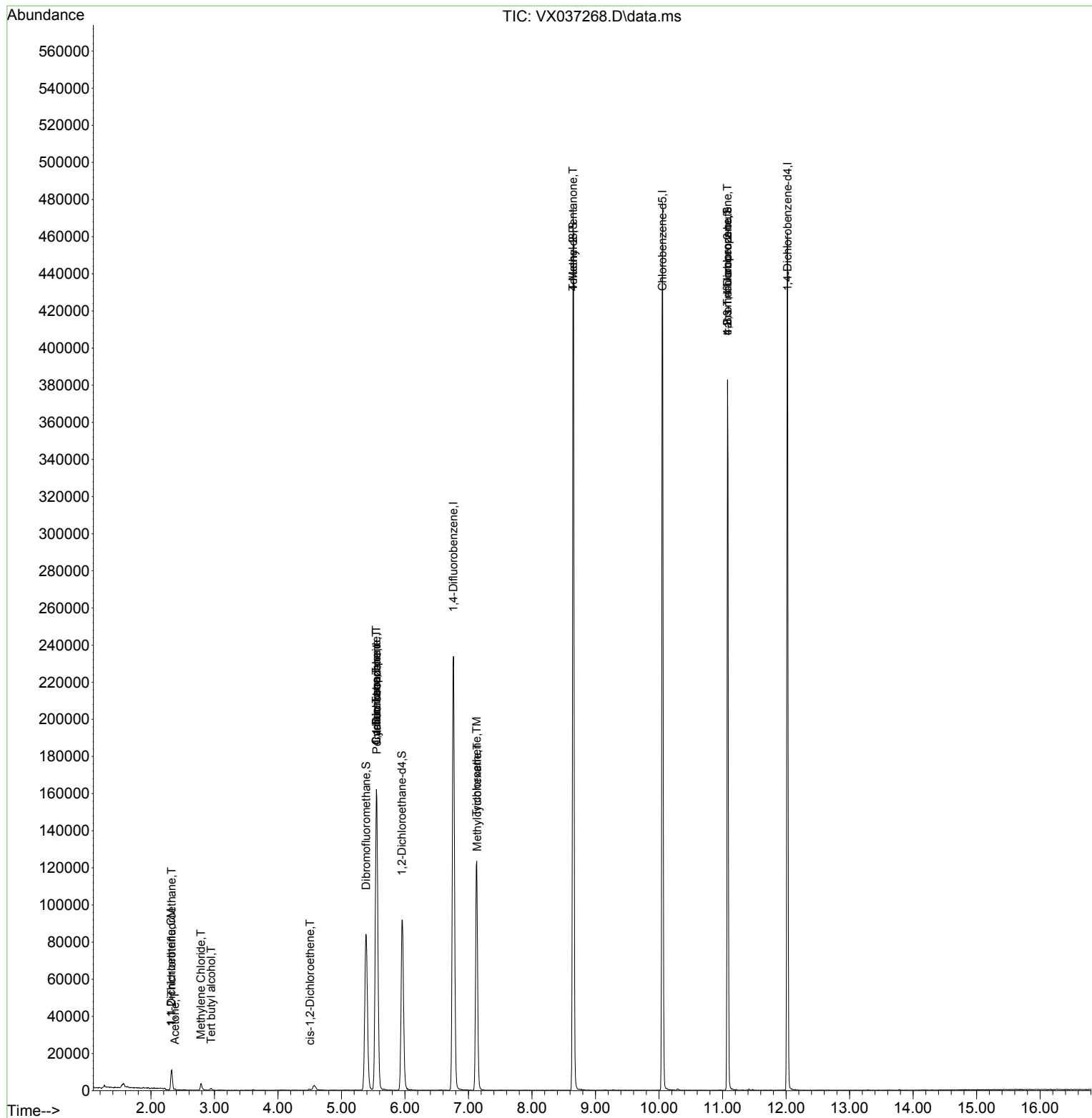
Internal Standards						
1) Pentafluorobenzene	5.556	168	149335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94084	43.700	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.400%		
35) Dibromofluoromethane	5.385	113	76457	46.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	8.647	98	291676	48.969	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	106461	45.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.960%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	2745	1.739	ug/l	96
11) Tert butyl alcohol	2.946	59	637	1.261	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	1809	1.177	ug/l	89
16) Acetone	2.380	43	660	0.784	ug/l	91
20) Methylene Chloride	2.788	84	2030	1.078	ug/l #	85
27) cis-1,2-Dichloroethene	4.507	96	416	0.202	ug/l	74
31) Cyclohexane	5.550	56	3050	1.260	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11987	5.138	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16003	6.315	ug/l #	15
39) Methylcyclohexane	7.135	83	534	0.218	ug/l #	1
44) Trichloroethene	7.129	130	49674	26.183	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1146	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54097	25.691	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54097	71.756	ug/l #	5

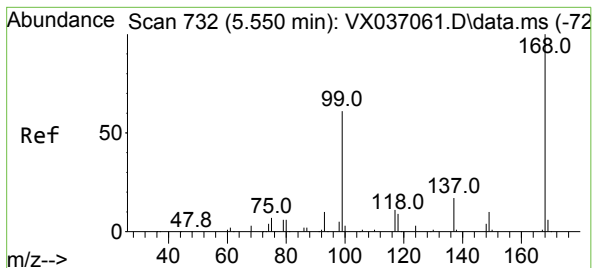
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037268.D

Acq: 25 Aug 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

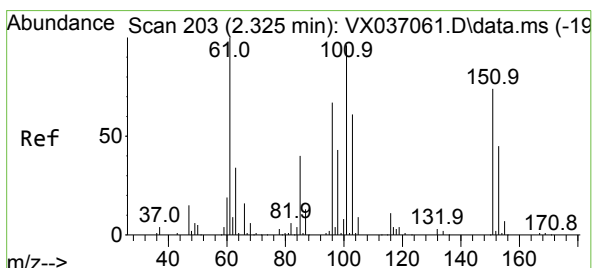
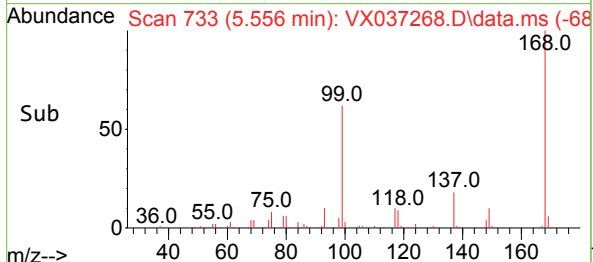
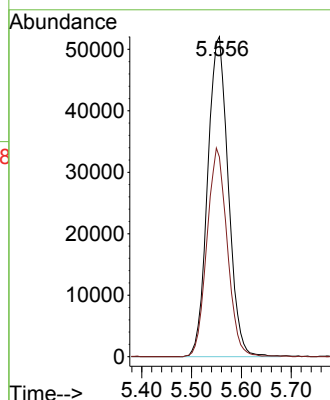
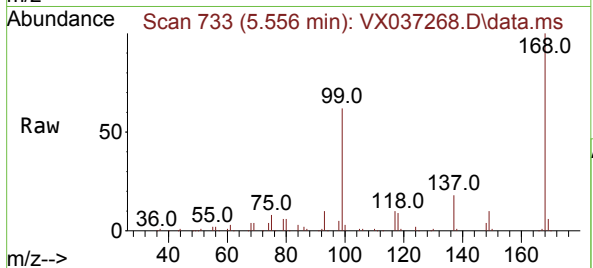
TT180D2-20230816DL

Tgt Ion:168 Resp: 149335

Ion Ratio Lower Upper

168 100

99 62.4 56.6 85.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.739 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX037268.D

Acq: 25 Aug 2023 13:56

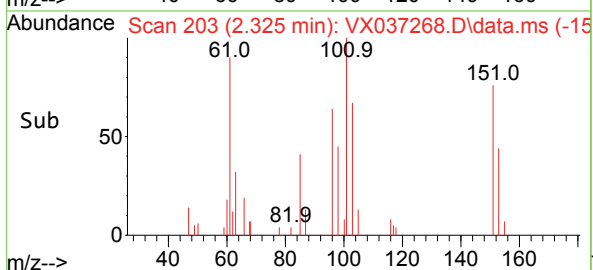
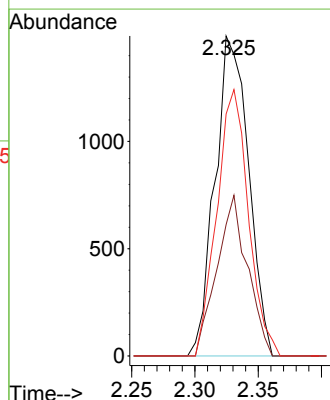
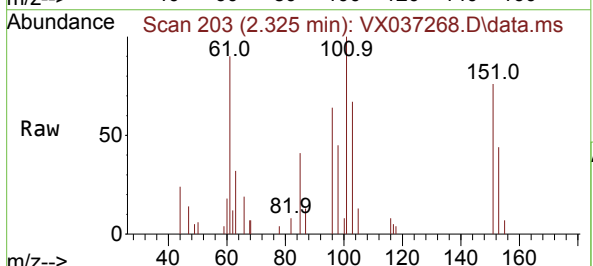
Tgt Ion:101 Resp: 2745

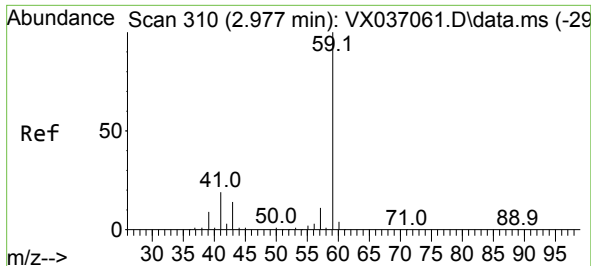
Ion Ratio Lower Upper

101 100

85 45.8 37.0 55.6

151 78.6 58.6 87.8

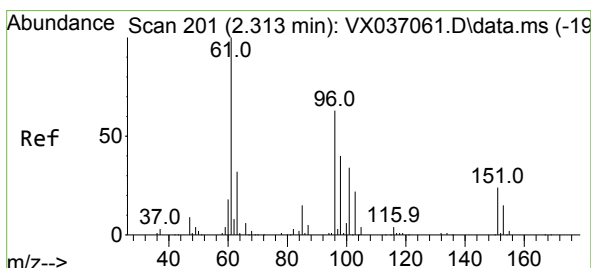
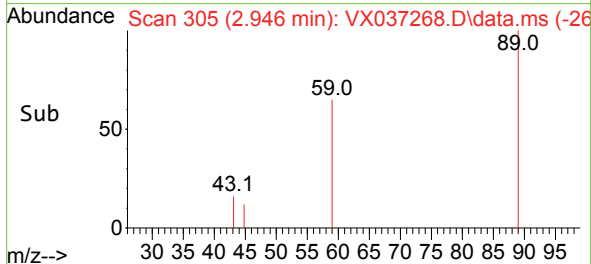
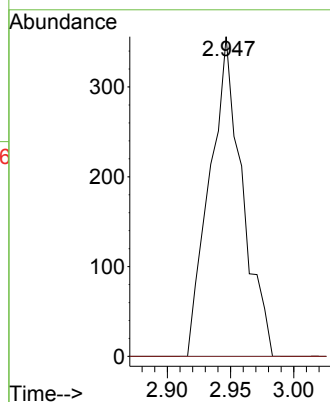
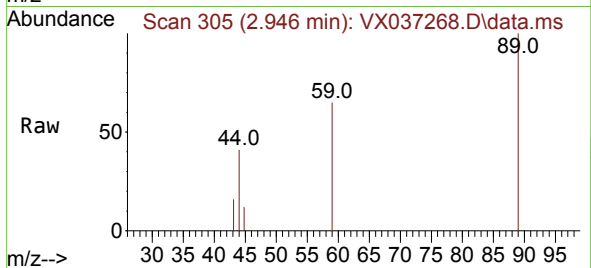




#11
Tert butyl alcohol
Concen: 1.261 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

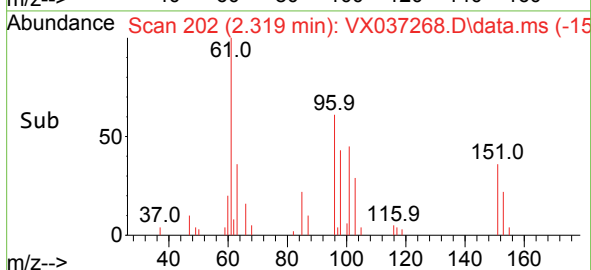
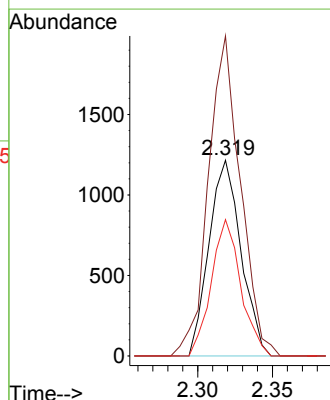
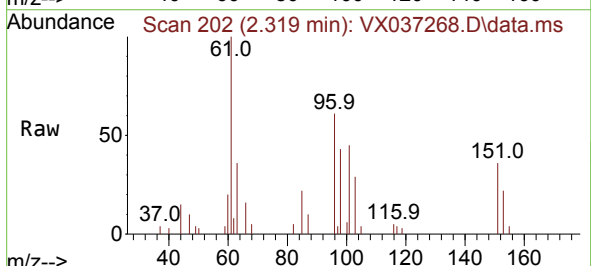
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

Tgt Ion: 59 Resp: 637
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 1.177 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion: 96 Resp: 1809
Ion Ratio Lower Upper
96 100
61 163.5 144.6 216.8
98 69.7 50.4 75.6

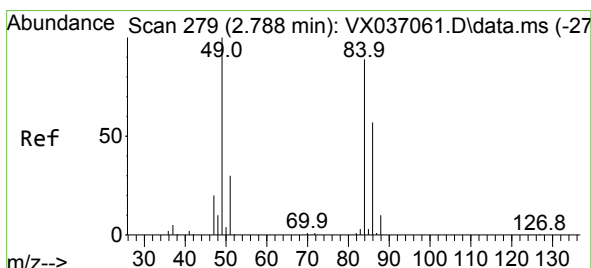
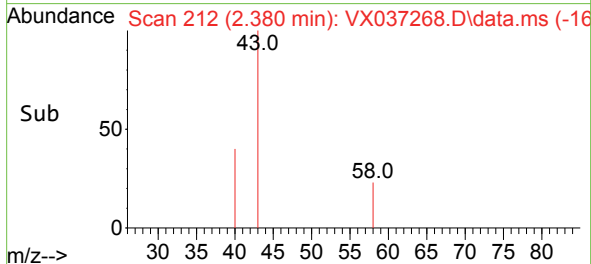
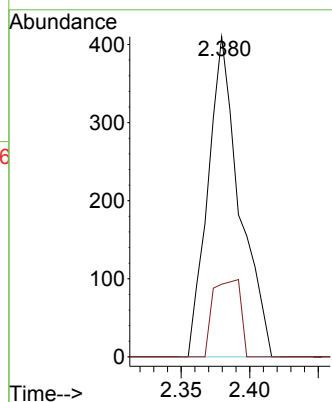
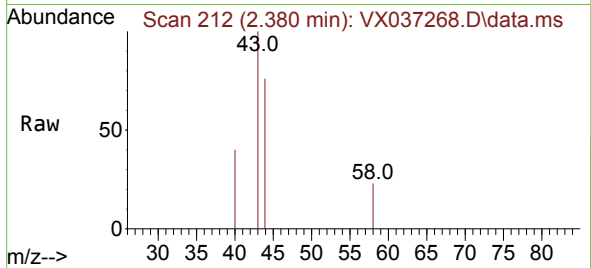




#16
Acetone
Concen: 0.784 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

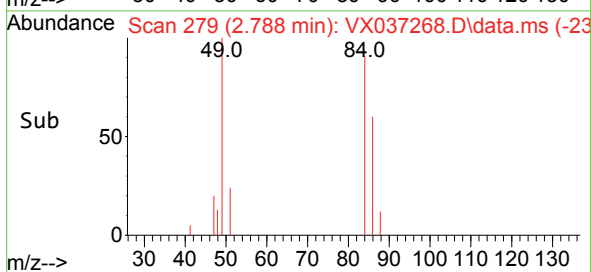
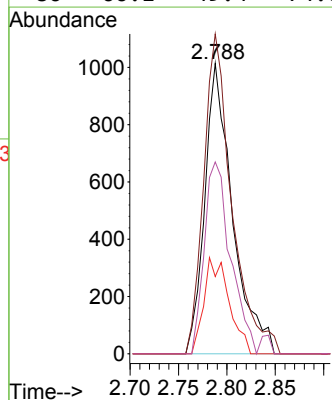
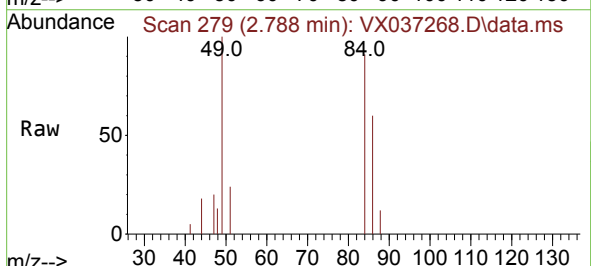
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

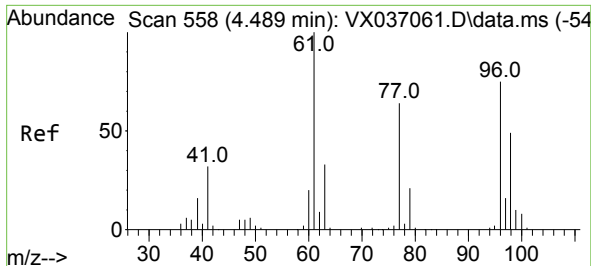
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 22.7 21.9 32.9



#20
Methylene Chloride
Concen: 1.078 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion: 84 Resp: 2030
Ion Ratio Lower Upper
84 100
49 110.2 103.6 155.4
51 26.6 33.8 50.6#
86 66.1 49.4 74.0

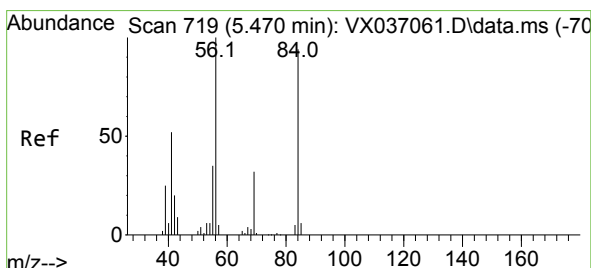
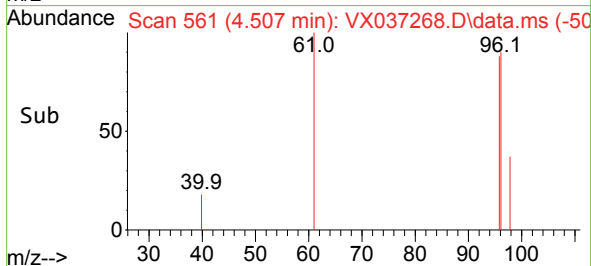
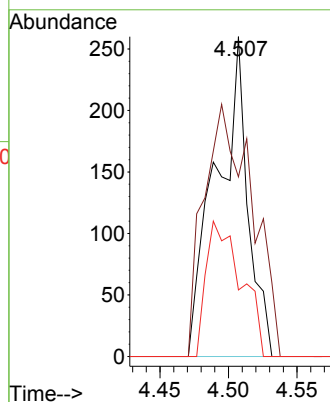
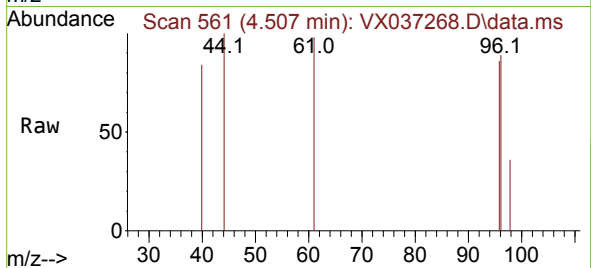




#27
 cis-1,2-Dichloroethene
 Concen: 0.202 ug/l
 RT: 4.507 min Scan# 50
 Delta R.T. 0.018 min
 Lab File: VX037268.D
 Acq: 25 Aug 2023 13:56

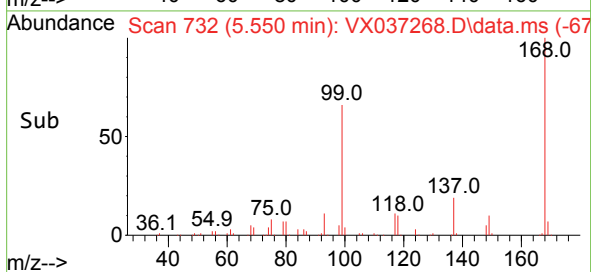
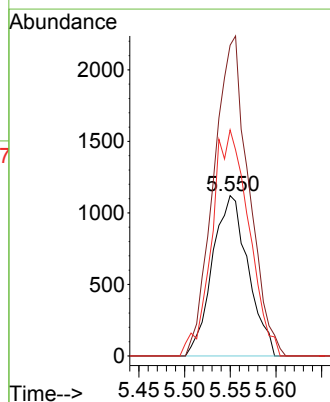
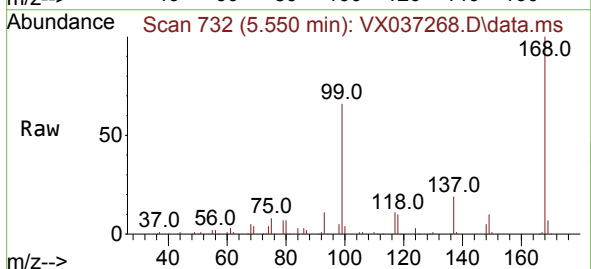
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20230816DL

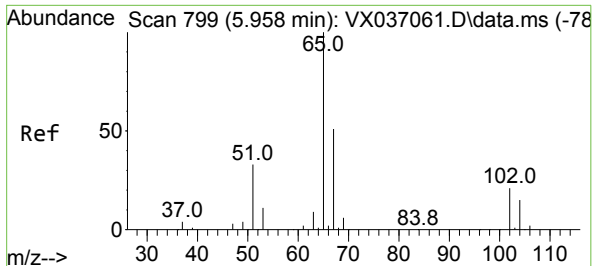
Tgt Ion: 96	Resp: 416
Ion Ratio	Lower Upper
96 100	
61 120.4	0.0 312.2
98 46.9	0.0 129.0



#31
 Cyclohexane
 Concen: 1.260 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX037268.D
 Acq: 25 Aug 2023 13:56

Tgt Ion: 56	Resp: 3050		
Ion Ratio	Lower	Upper	
56	100		
69	193.8	23.4	35.2#
84	141.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.700 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037268.D

Acq: 25 Aug 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

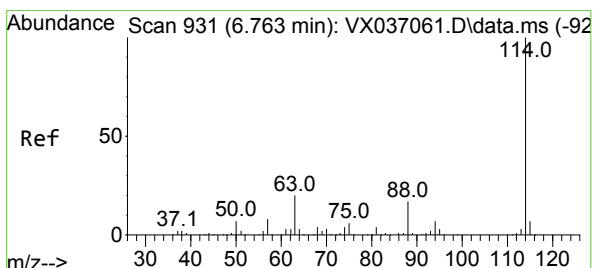
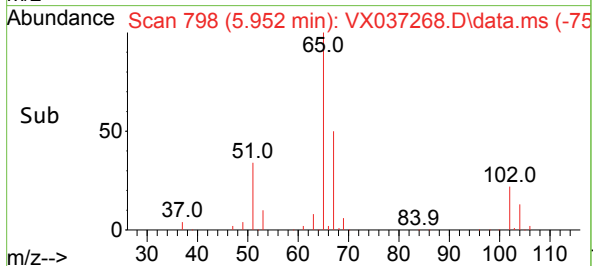
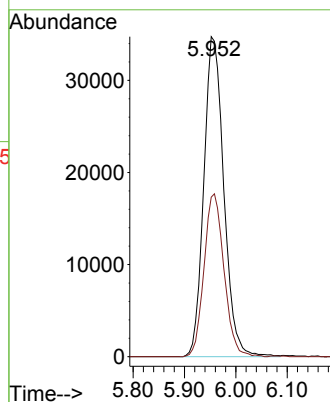
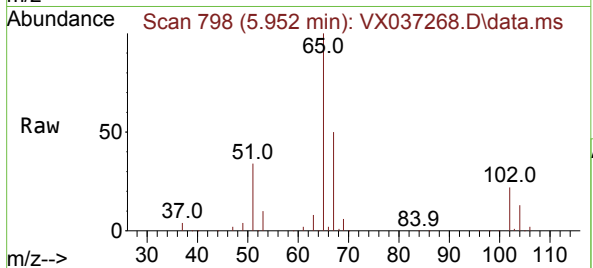
TT180D2-20230816DL

Tgt Ion: 65 Resp: 94084

Ion Ratio Lower Upper

65 100

67 50.7 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: VX037268.D

Acq: 25 Aug 2023 13:56

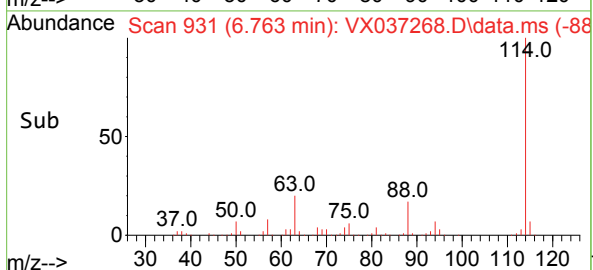
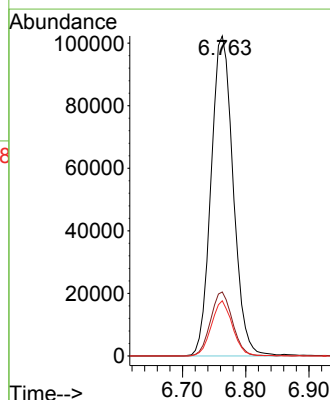
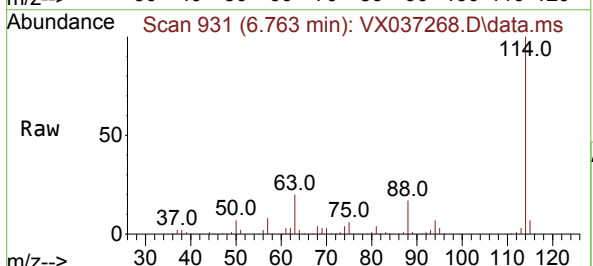
Tgt Ion: 114 Resp: 247940

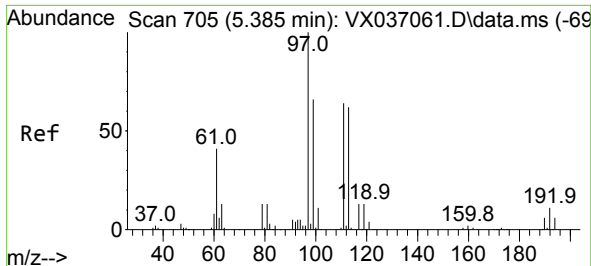
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 17.2 0.0 36.6

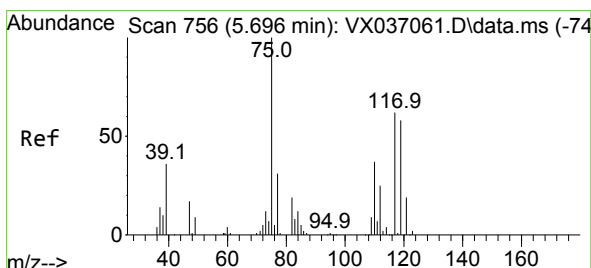
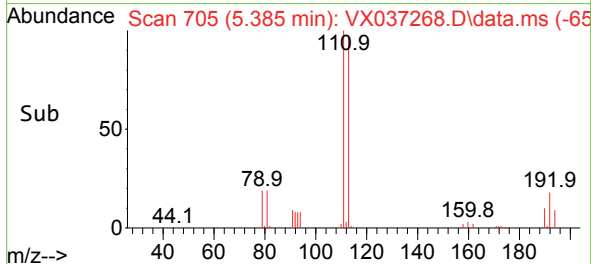
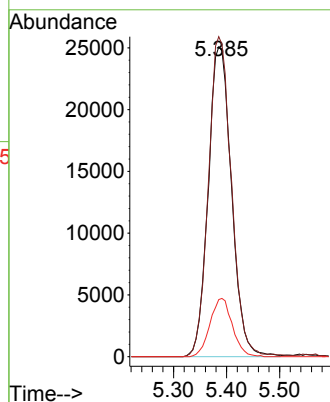
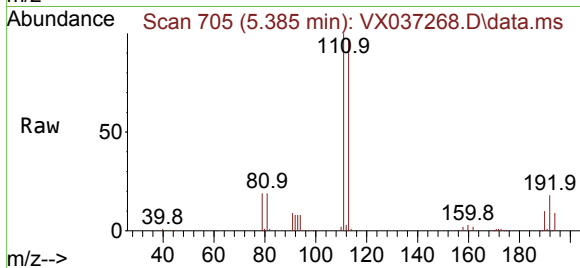




#35
Dibromofluoromethane
Concen: 46.562 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

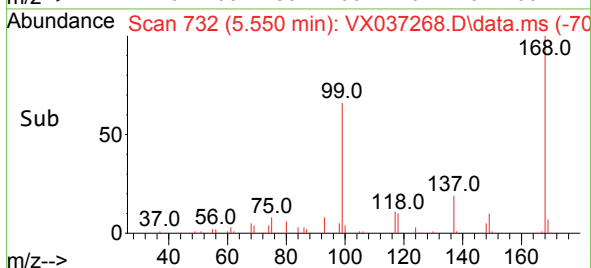
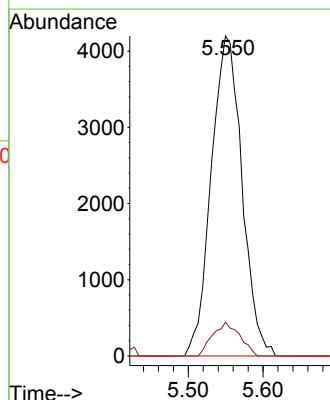
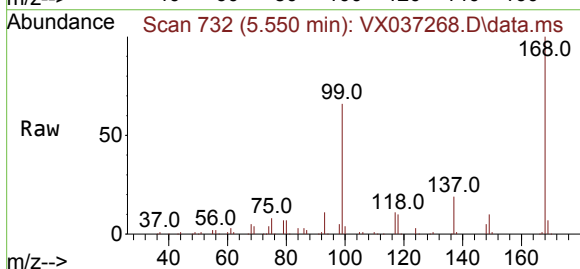
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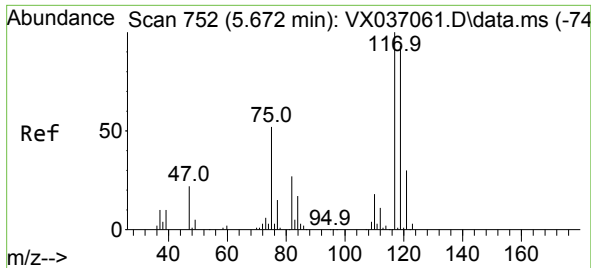
Tgt Ion:113 Resp: 76457
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

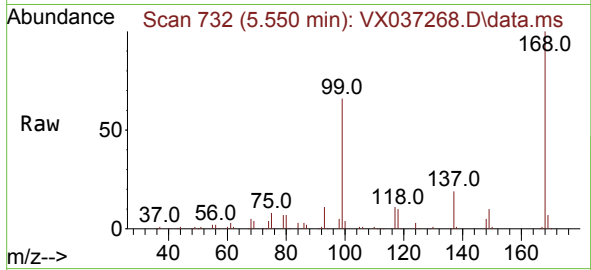
Tgt Ion: 75 Resp: 11987
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



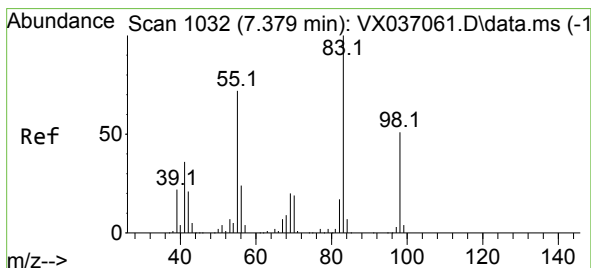
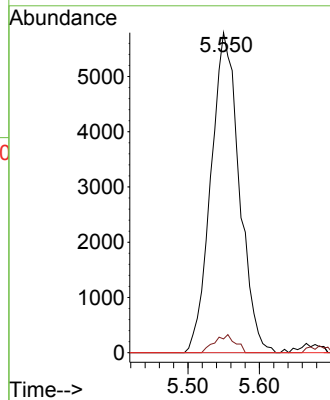
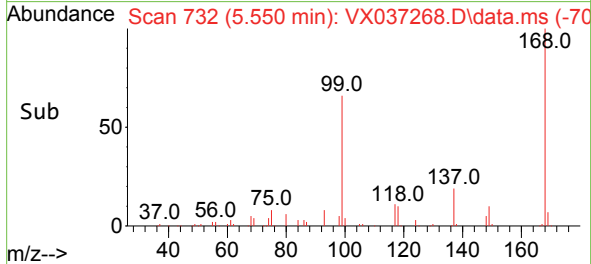


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

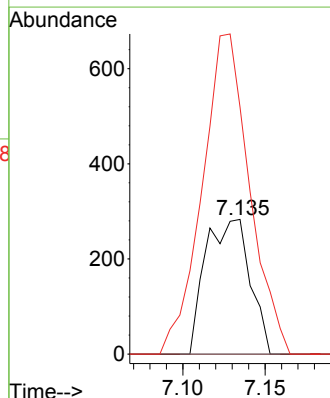
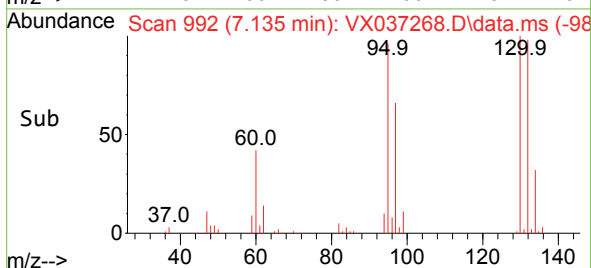
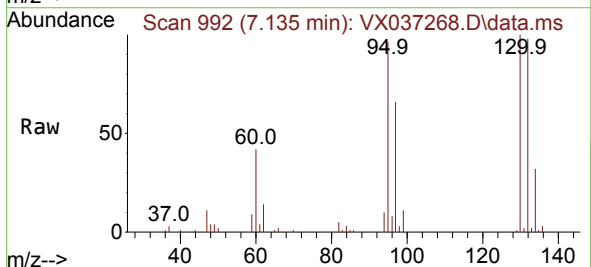


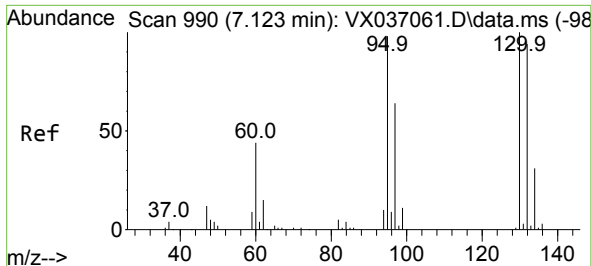
Tgt Ion:117 Resp: 16003
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.218 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.244 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion: 83 Resp: 534
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 164.3 36.7 55.1#

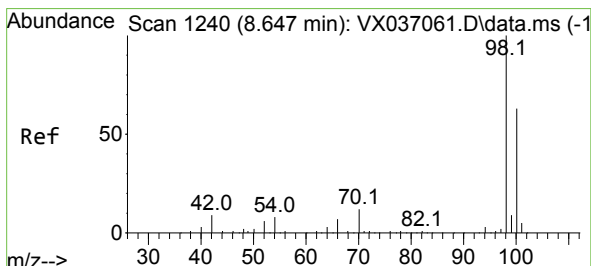
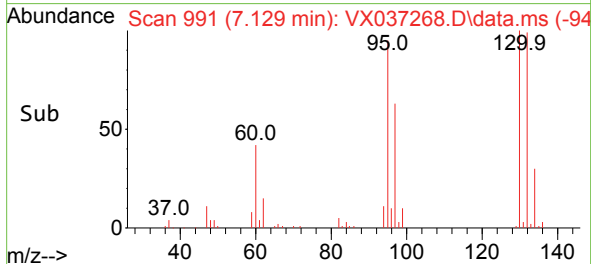
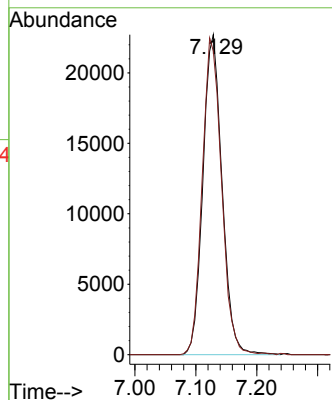
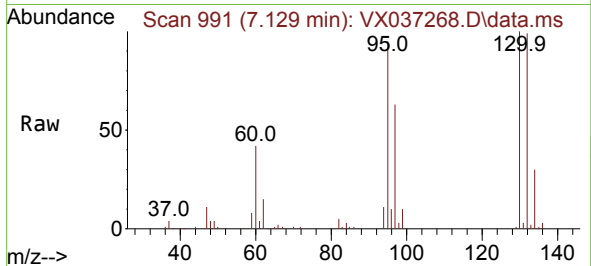




#44
Trichloroethene
Concen: 26.183 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

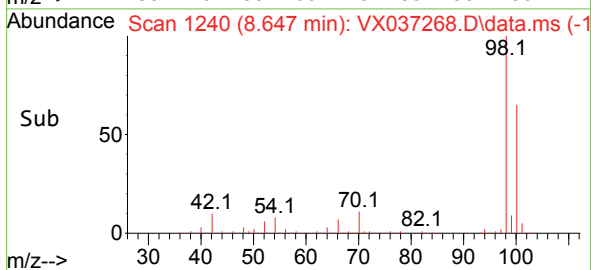
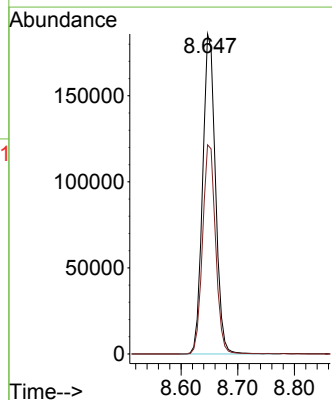
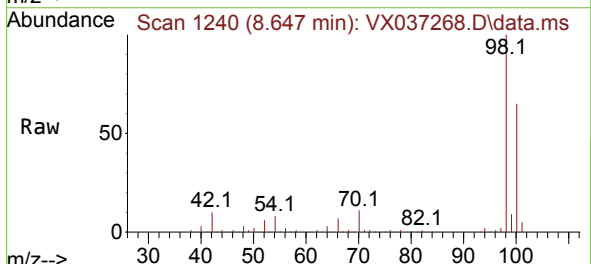
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

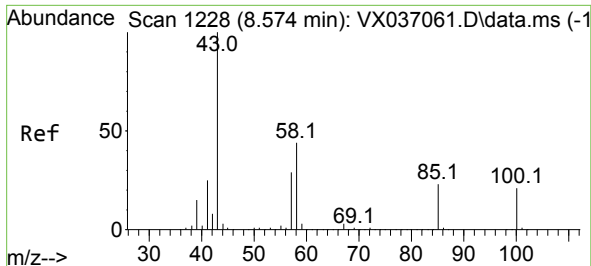
Tgt Ion:130 Resp: 49674
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.4



#50
Toluene-d8
Concen: 48.969 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion: 98 Resp: 291676
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

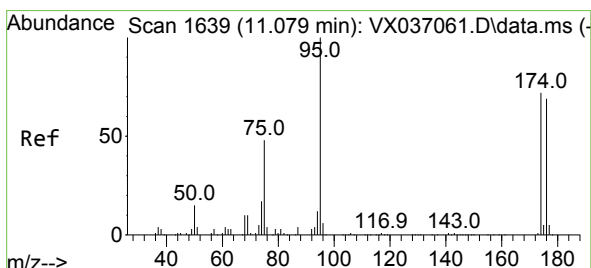
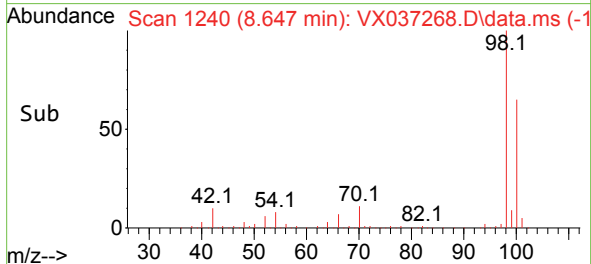
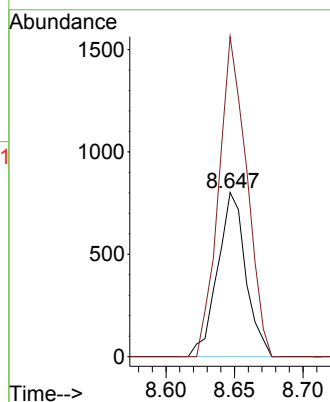
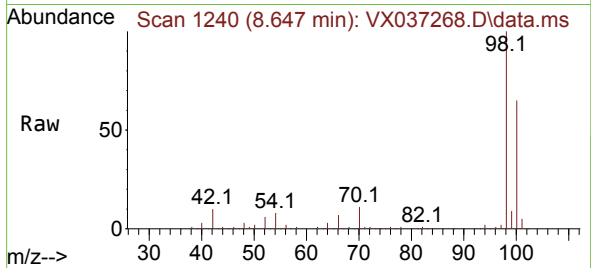




#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.647 min Scan# 1146
Delta R.T. 0.073 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

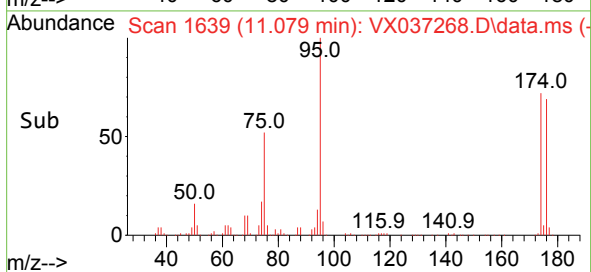
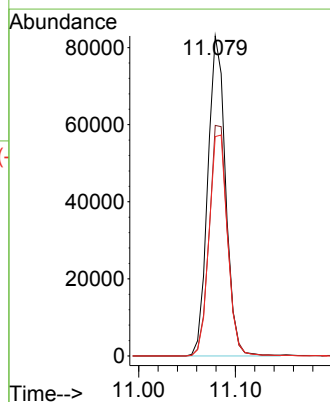
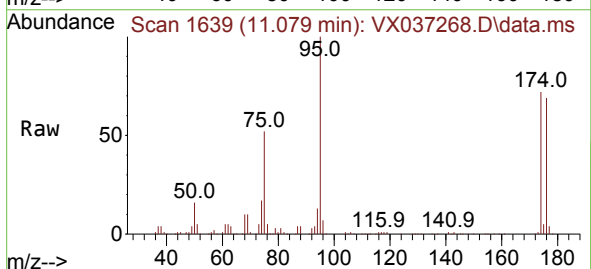
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

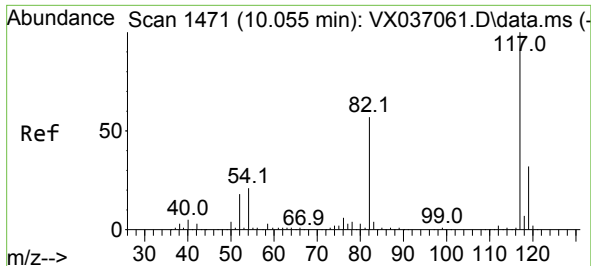
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion: 95 Resp: 106461
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.8 0.0 131.0

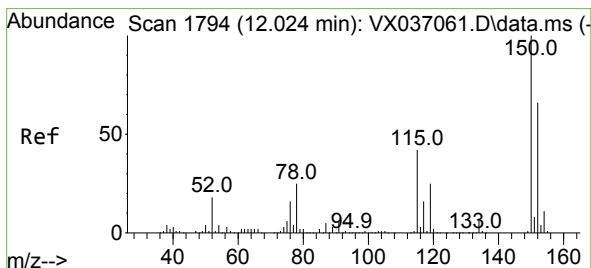
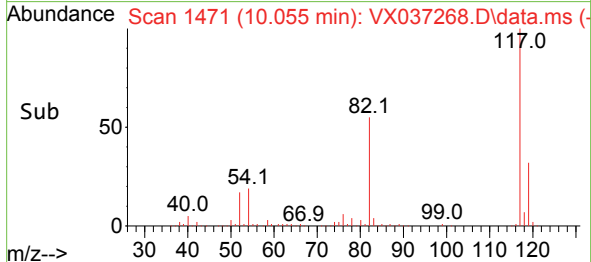
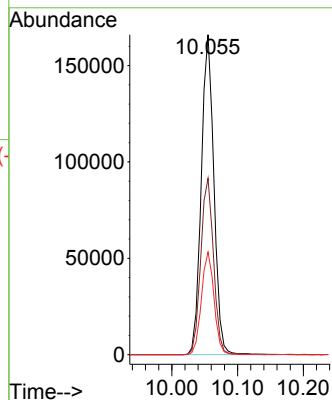
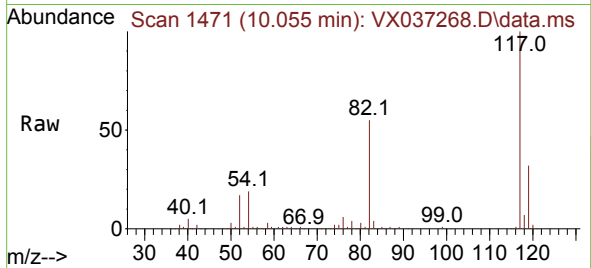




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

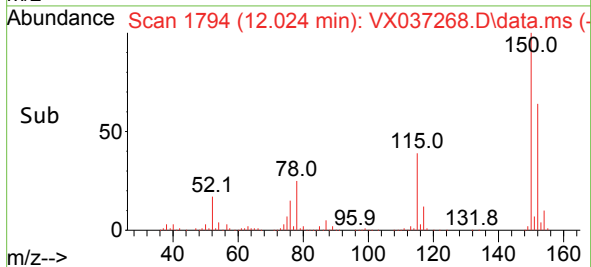
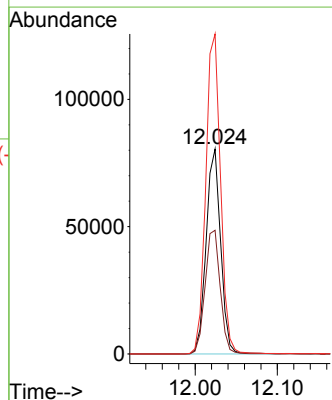
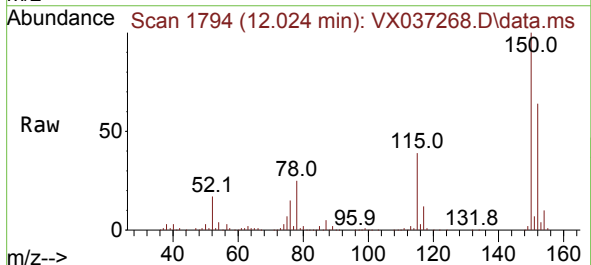
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816DL

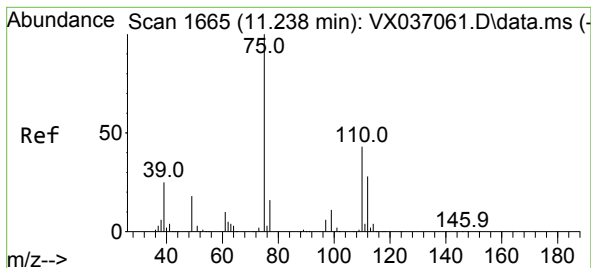
Tgt Ion:117 Resp: 221761
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037268.D
Acq: 25 Aug 2023 13:56

Tgt Ion:152 Resp: 98874
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.691 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037268.D

Acq: 25 Aug 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

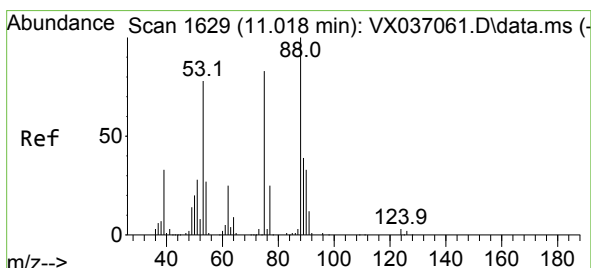
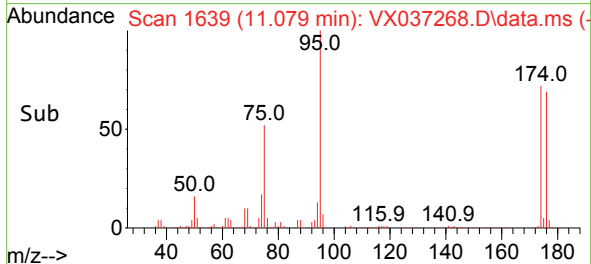
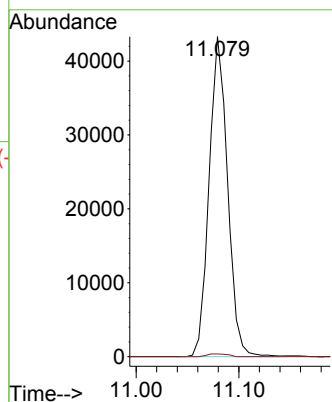
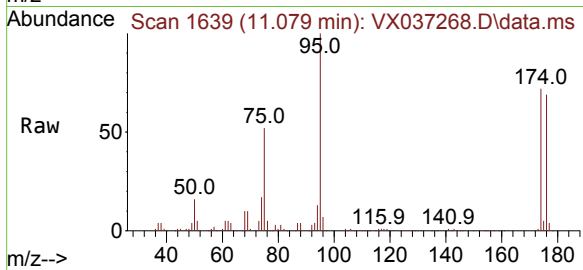
TT180D2-20230816DL

Tgt Ion: 75 Resp: 54097

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.756 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037268.D

Acq: 25 Aug 2023 13:56

Tgt Ion: 75 Resp: 54097

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

