

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037423.D
 Acq On : 31 Aug 2023 11:52
 Operator : JC/MD
 Sample : 04128-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20230821

Quant Time: Aug 31 18:24:17 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)

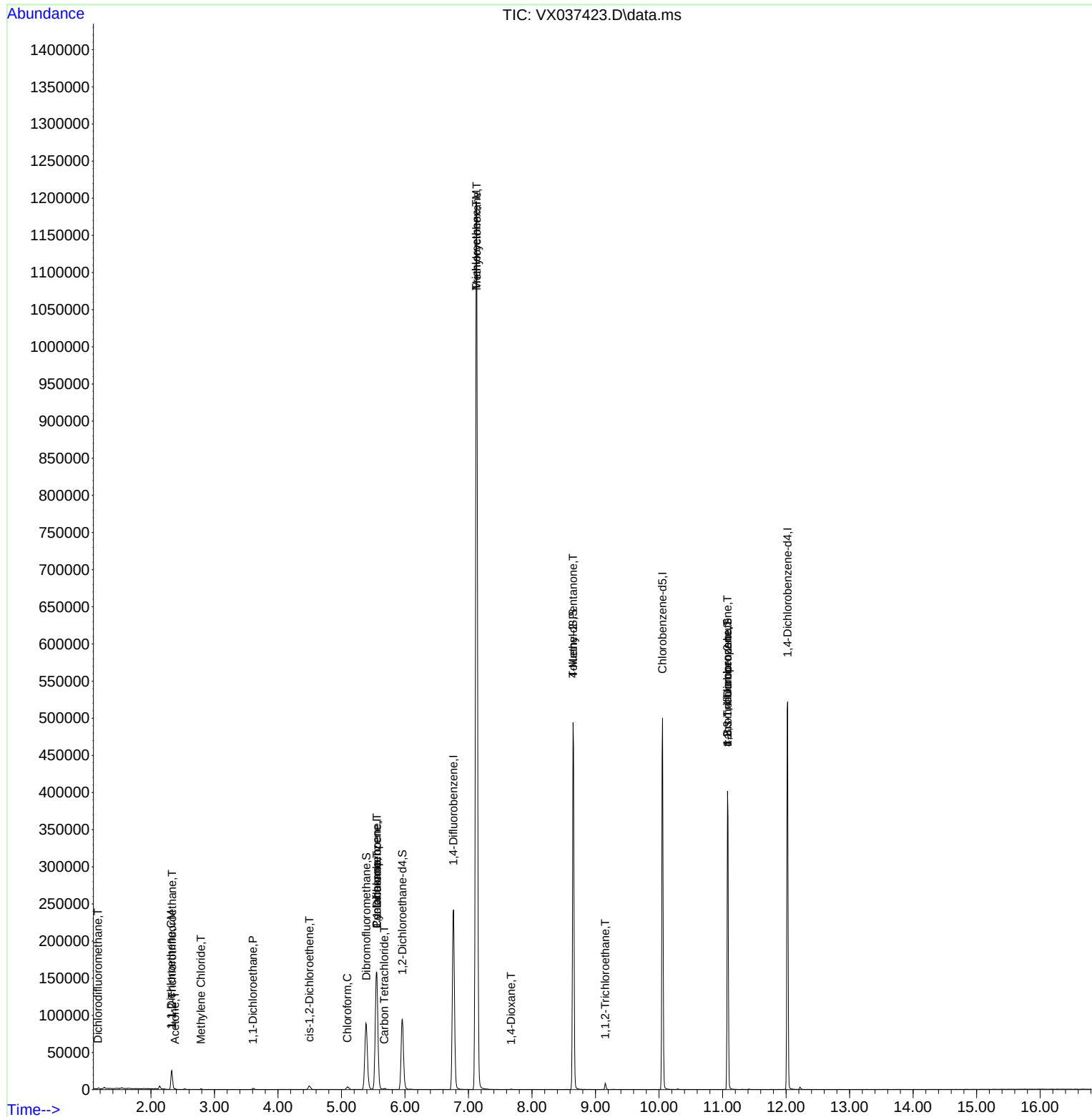
Internal Standards						
1) Pentafluorobenzene	5.556	168	151799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95523	43.649	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.300%		
35) Dibromofluoromethane	5.391	113	78139	46.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	301437	48.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	116058	47.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	654	0.371	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	6201	3.864	ug/l	99
12) 1,1-Dichloroethene	2.319	96	4322	2.766	ug/l	86
16) Acetone	2.380	43	1182	1.381	ug/l	95
20) Methylene Chloride	2.788	84	462	0.241	ug/l #	80
24) 1,1-Dichloroethane	3.605	63	1937	0.622	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	3356	1.603	ug/l	79
30) Chloroform	5.092	83	4654	1.332	ug/l	93
31) Cyclohexane	5.556	56	3116	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11590	4.808	ug/l #	51
38) Carbon Tetrachloride	5.672	117	1069	0.408	ug/l #	83
39) Methylcyclohexane	7.129	83	5421	2.140	ug/l #	1
44) Trichloroethene	7.123	130	484137	246.964	ug/l	98
49) 1,4-Dioxane	7.671	88	489	9.524	ug/l #	97
51) 4-Methyl-2-Pentanone	8.647	43	1101	0.464	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	2328	1.252	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	57031	23.506	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57031	65.655	ug/l #	5

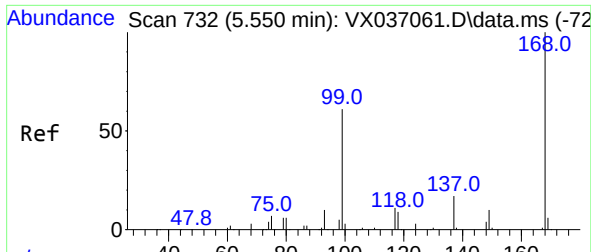
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

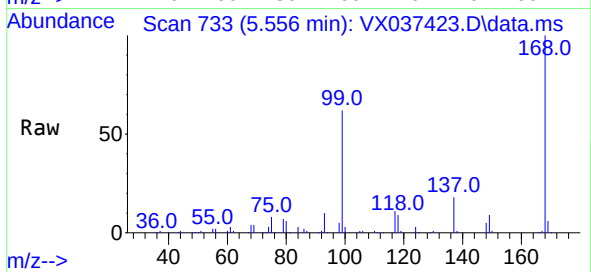
Quant Time: Aug 31 18:24:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



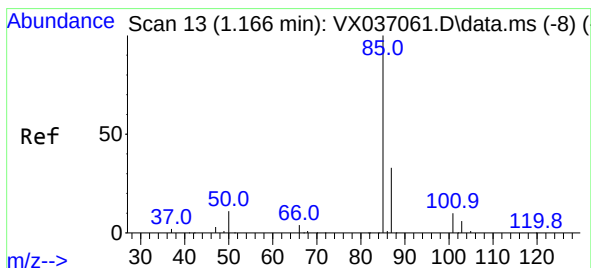
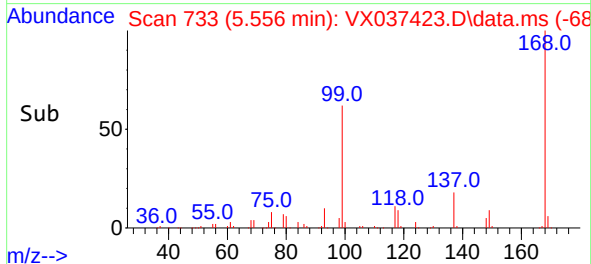
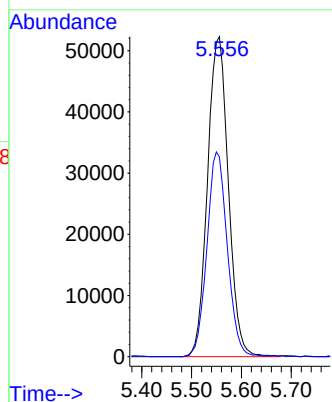


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

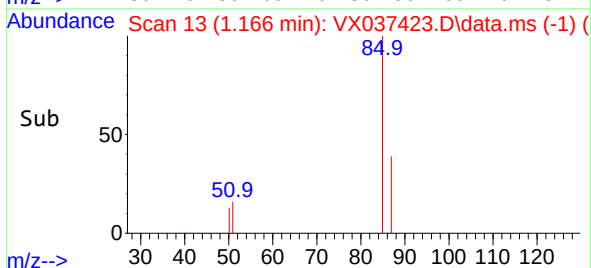
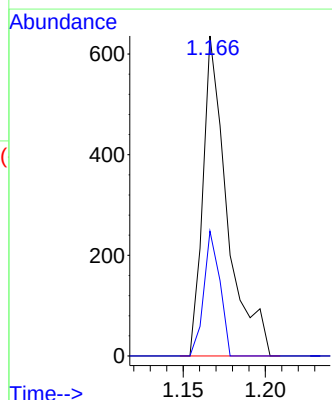
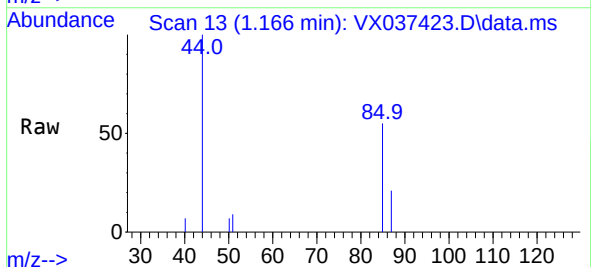


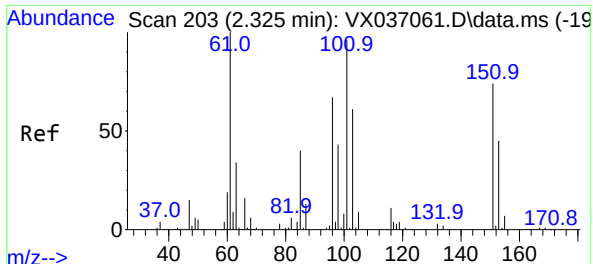
Tgt Ion:168 Resp: 151799
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.371 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 85 Resp: 654
Ion Ratio Lower Upper
85 100
87 39.0 16.7 50.1

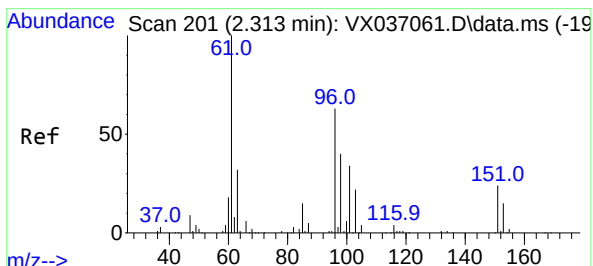
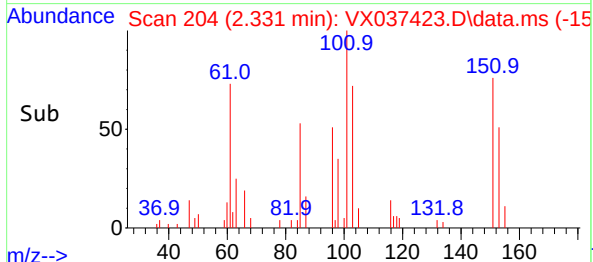
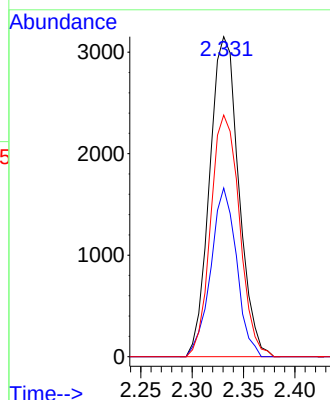
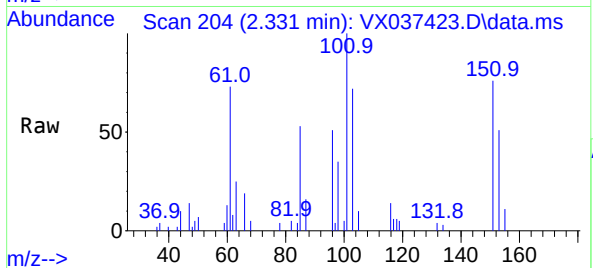




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.864 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

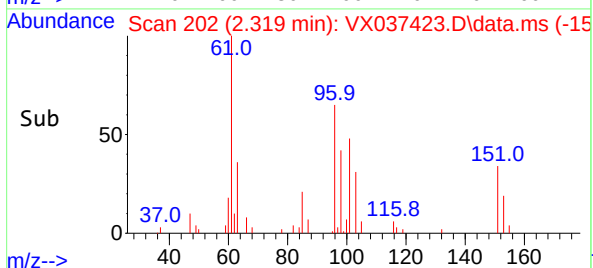
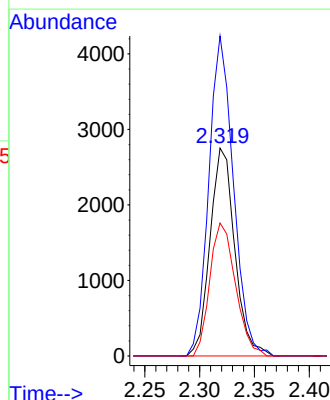
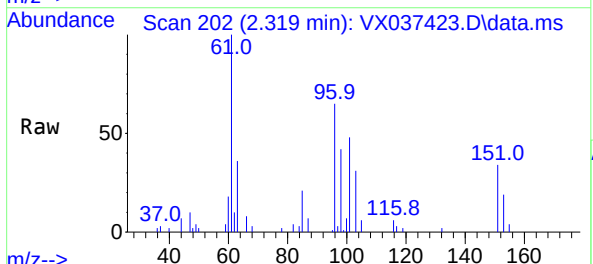
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

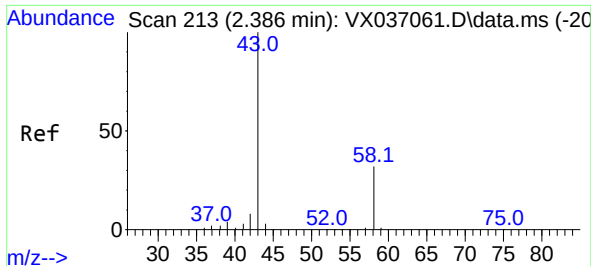
Tgt Ion:101 Resp: 6201
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 74.7 58.6 87.8



#12
1,1-Dichloroethene
Concen: 2.766 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 96 Resp: 4322
Ion Ratio Lower Upper
96 100
61 154.0 144.6 216.8
98 64.0 50.4 75.6

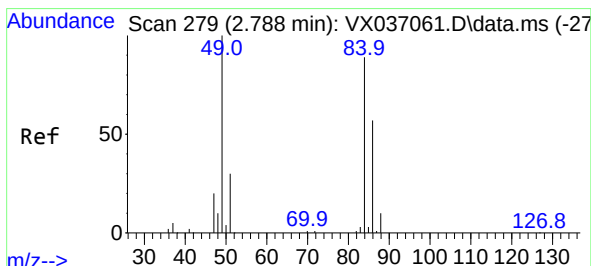
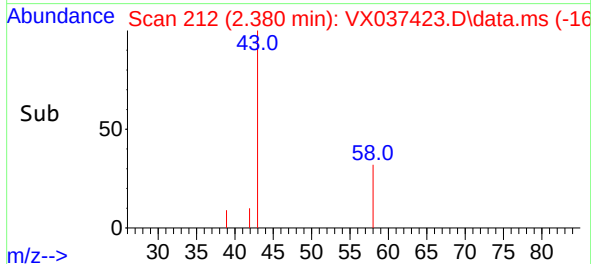
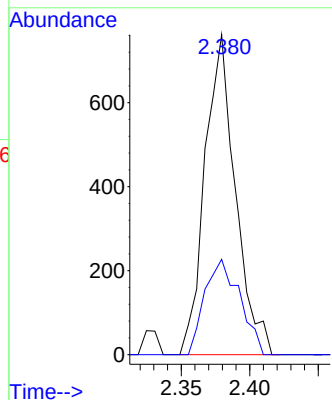
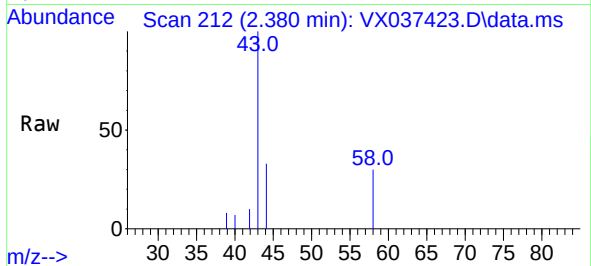




#16
Acetone
Concen: 1.381 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

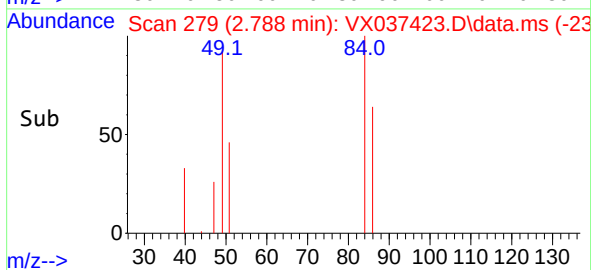
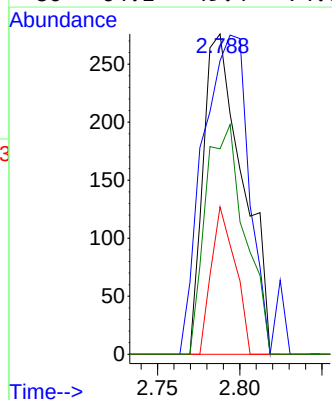
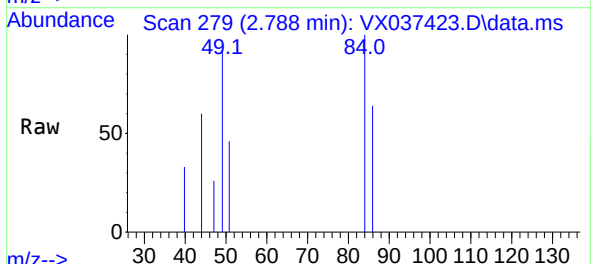
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

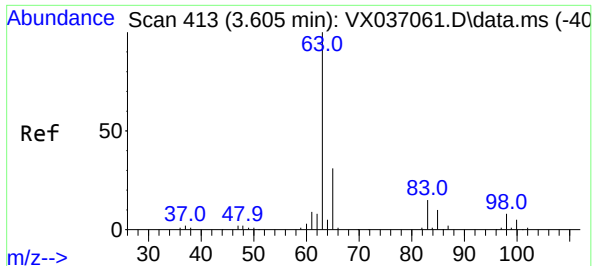
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 84 Resp: 462
Ion Ratio Lower Upper
84 100
49 91.7 103.6 155.4#
51 46.0 33.8 50.6
86 64.1 49.4 74.0

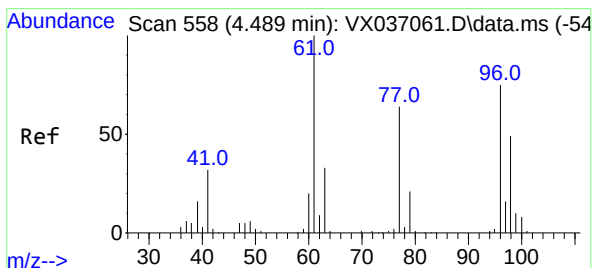
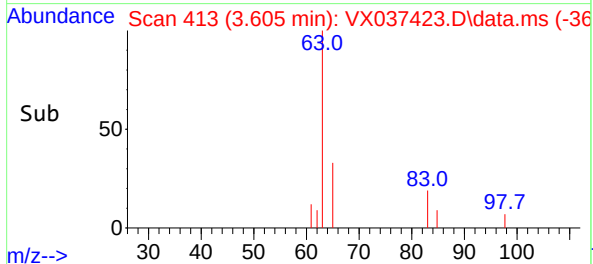
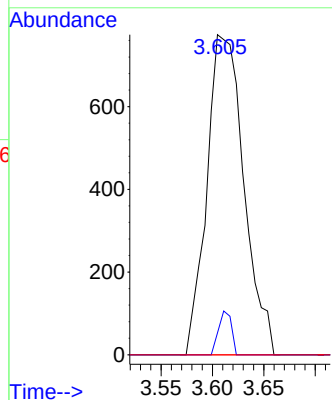
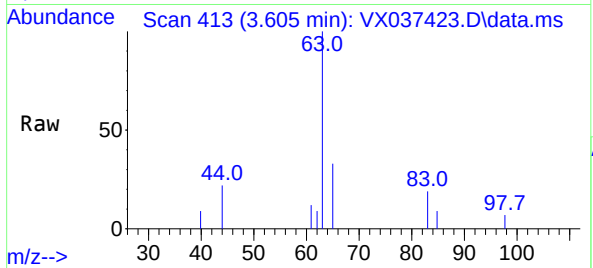




#24
1,1-Dichloroethane
Concen: 0.622 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

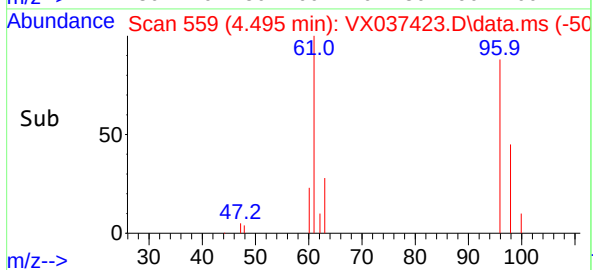
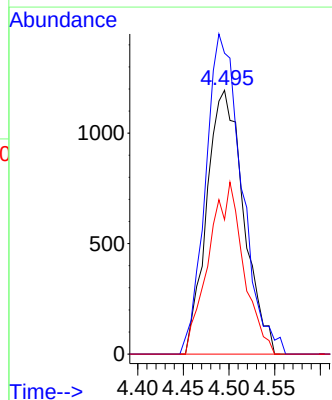
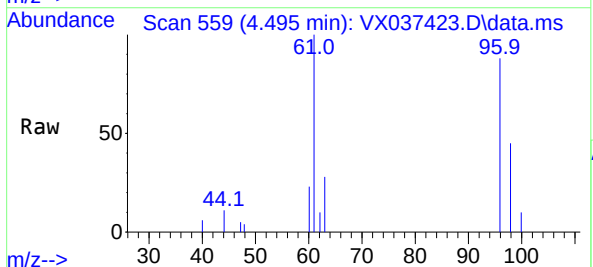
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

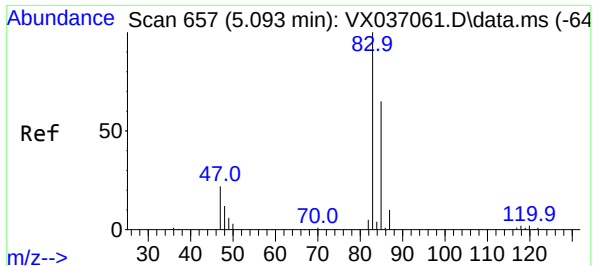
Tgt Ion: 63 Resp: 1937
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 1.603 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 96 Resp: 3356
Ion Ratio Lower Upper
96 100
61 118.9 0.0 312.2
98 61.4 0.0 129.0





#30

Chloroform

Concen: 1.332 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX037423.D

Acq: 31 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

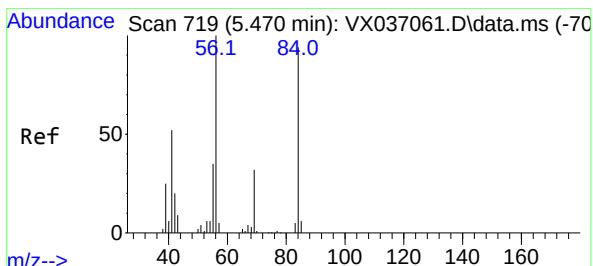
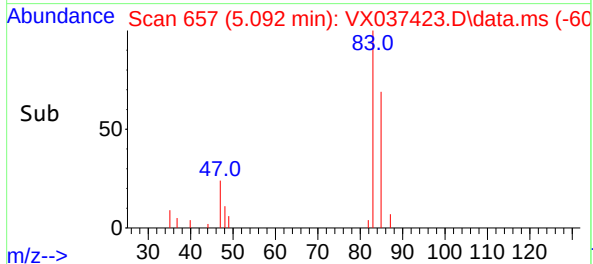
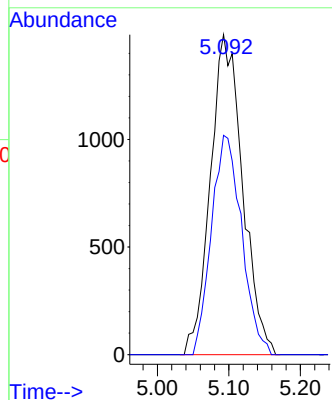
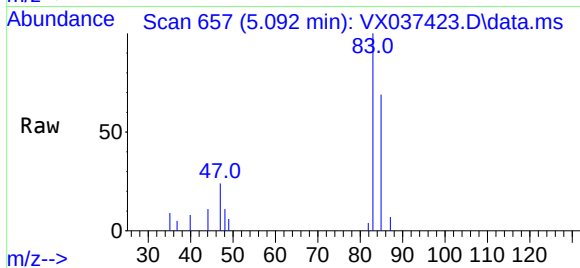
TT180D1-20230821

Tgt Ion: 83 Resp: 4654

Ion Ratio Lower Upper

83 100

85 68.5 50.3 75.5



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037423.D

Acq: 31 Aug 2023 11:52

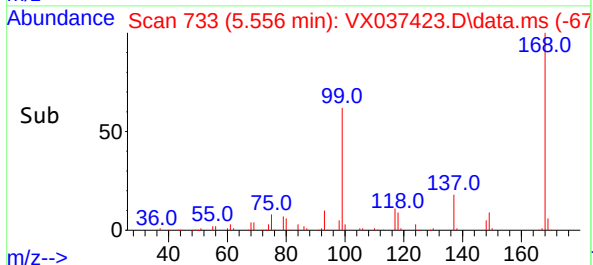
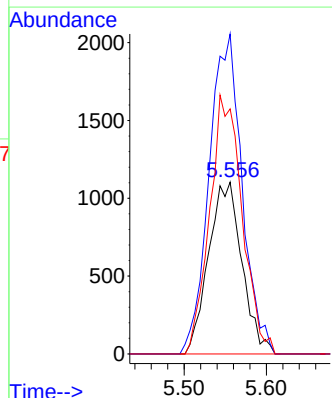
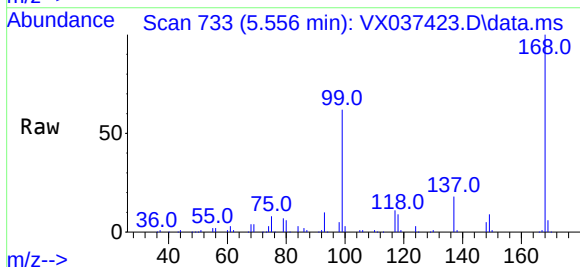
Tgt Ion: 56 Resp: 3116

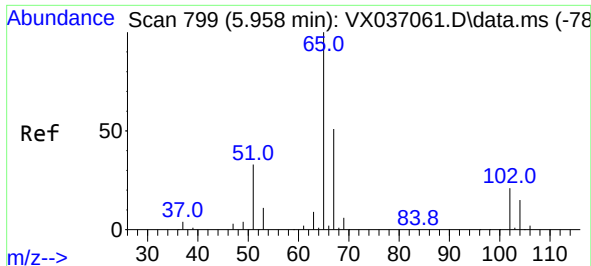
Ion Ratio Lower Upper

56 100

69 186.2 23.4 35.2#

84 142.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.649 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037423.D

Acq: 31 Aug 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

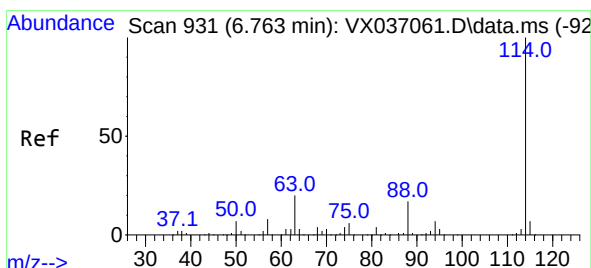
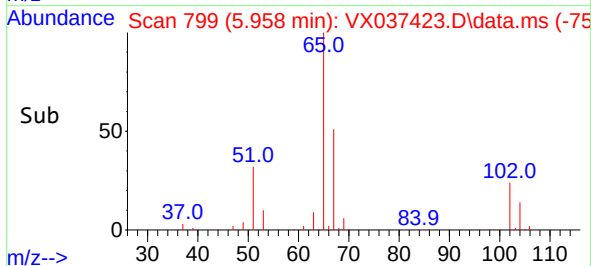
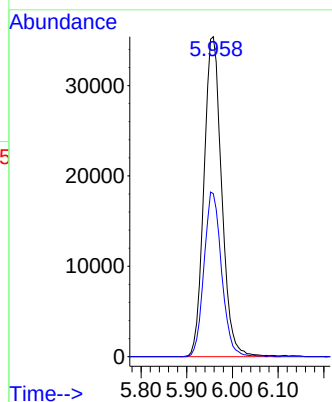
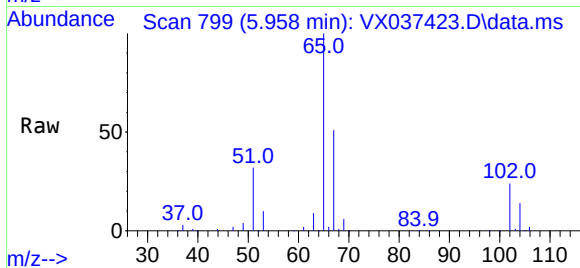
TT180D1-20230821

Tgt Ion: 65 Resp: 95523

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# 931

Delta R.T. -0.000 min

Lab File: VX037423.D

Acq: 31 Aug 2023 11:52

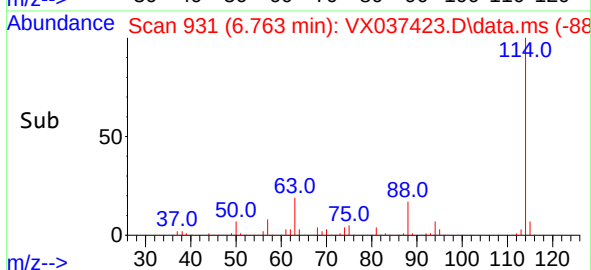
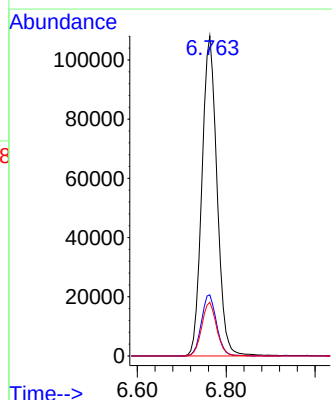
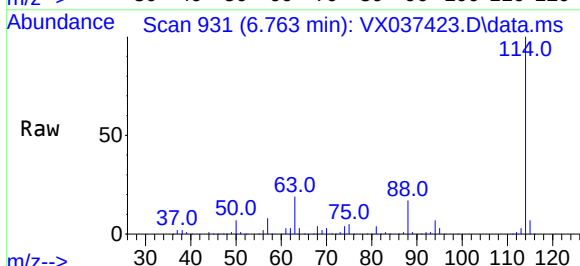
Tgt Ion: 114 Resp: 256193

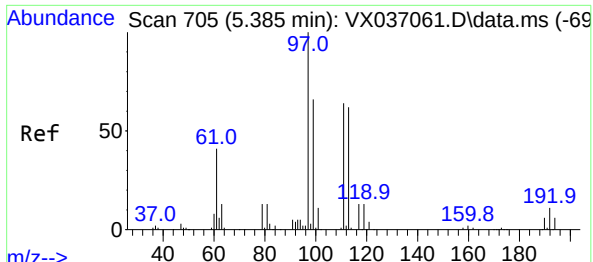
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

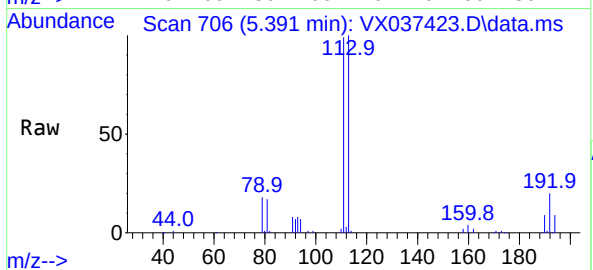
88 16.8 0.0 36.6



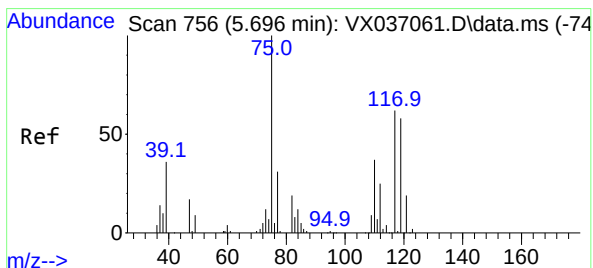
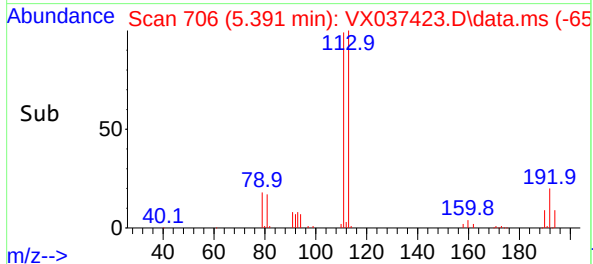
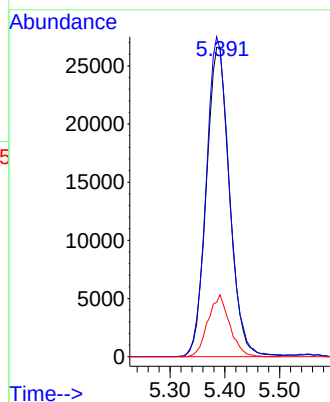


#35
Dibromofluoromethane
Concen: 46.053 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Instrument :
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ClientSampleId :
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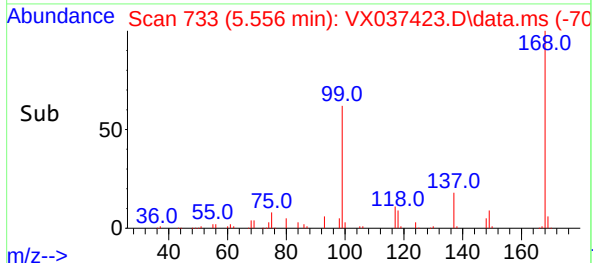
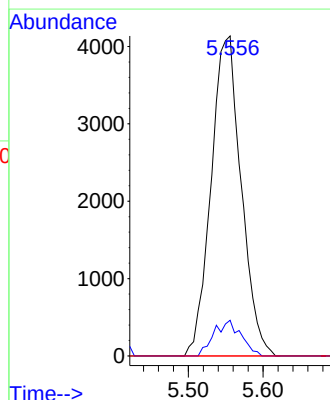
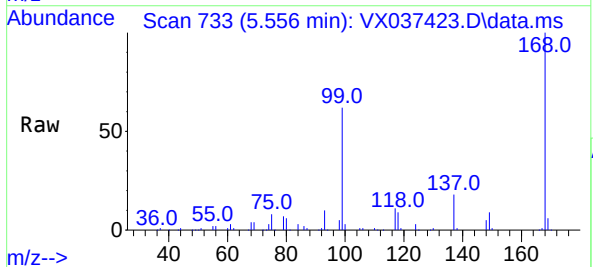


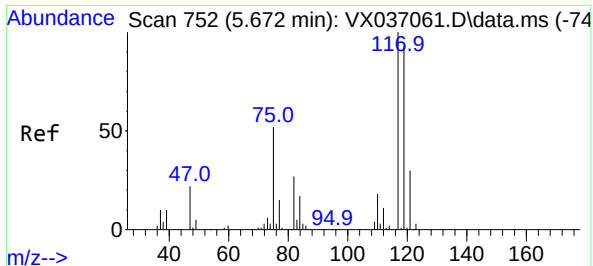
Tgt Ion:113 Resp: 78139
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 75 Resp: 11590
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

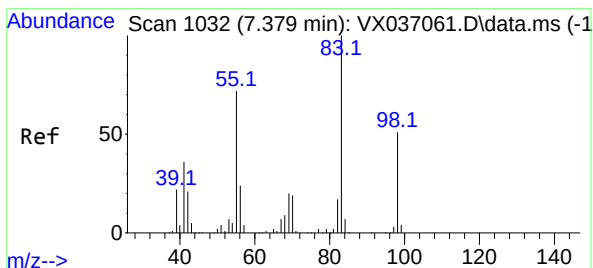
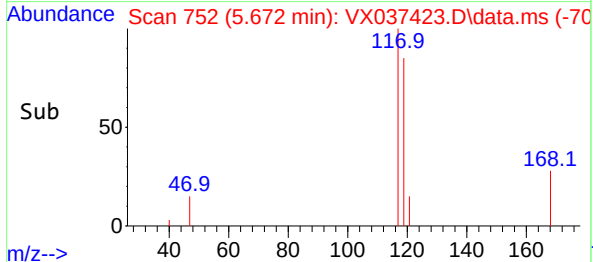
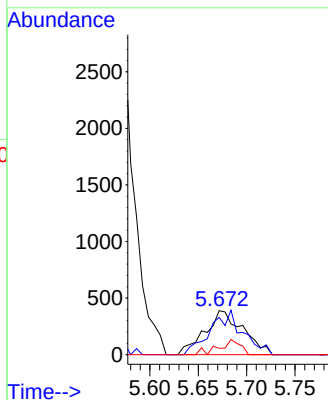
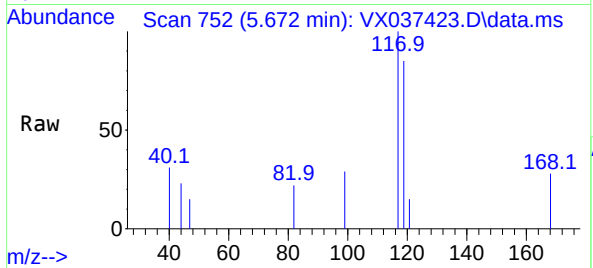




#38
Carbon Tetrachloride
Concen: 0.408 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

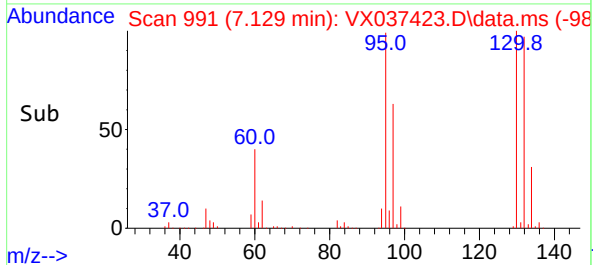
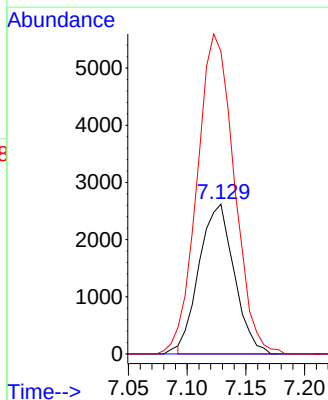
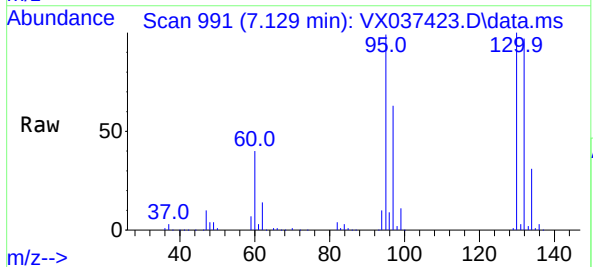
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

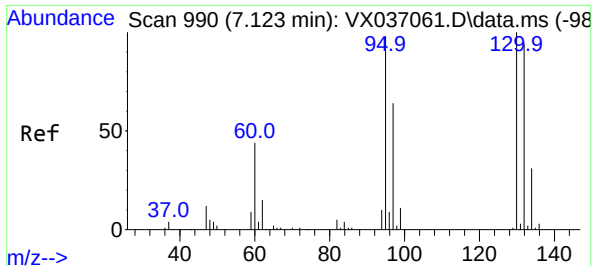
Tgt Ion:117 Resp: 1069
Ion Ratio Lower Upper
117 100
119 84.8 78.2 117.2
121 14.7 24.4 36.6#



#39
Methylcyclohexane
Concen: 2.140 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 83 Resp: 5421
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 199.0 36.7 55.1#

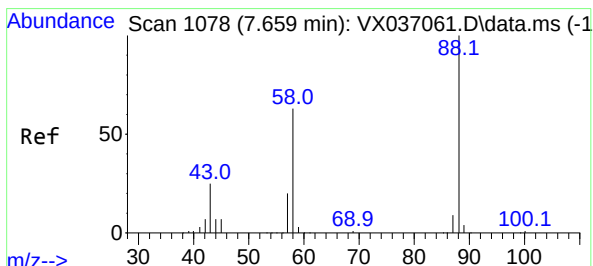
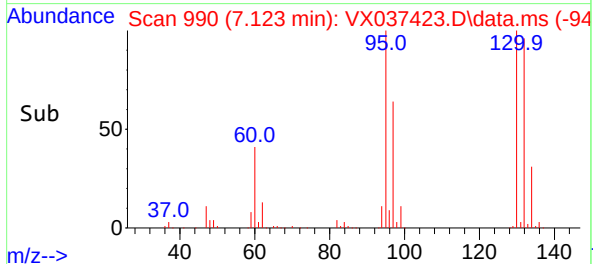
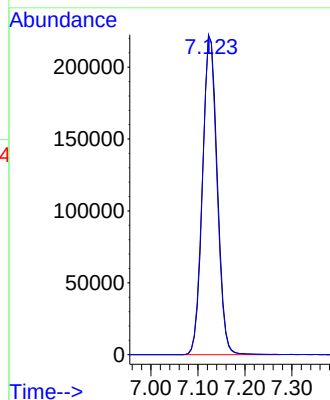
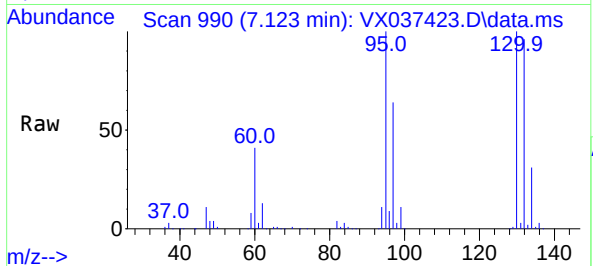




#44
Trichloroethene
Concen: 246.964 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

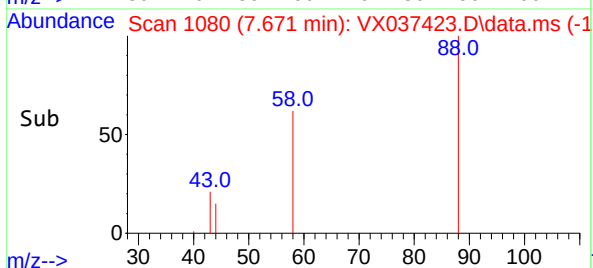
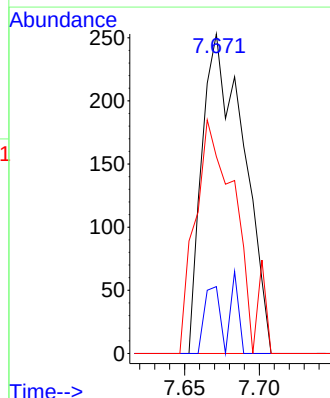
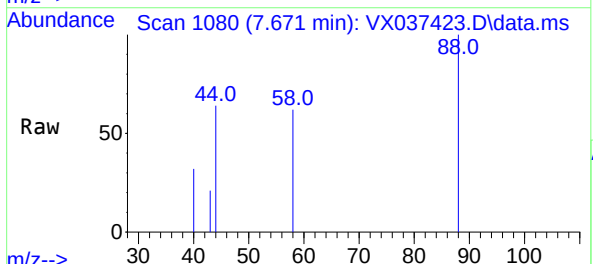
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

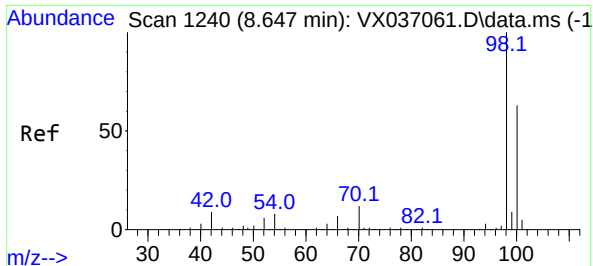
Tgt Ion:130 Resp: 484137
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4



#49
1,4-Dioxane
Concen: 9.524 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 88 Resp: 489
Ion Ratio Lower Upper
88 100
43 7.8 0.0 0.0#
58 72.6 60.1 90.1

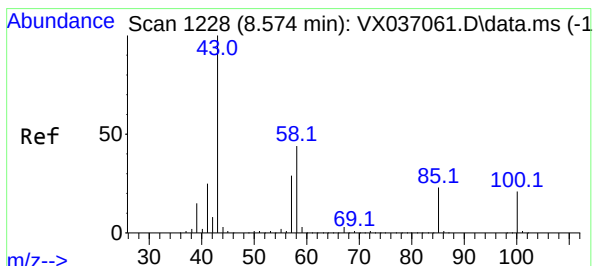
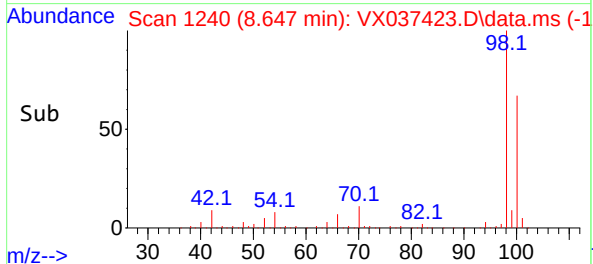
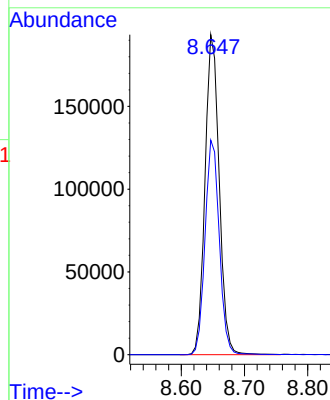
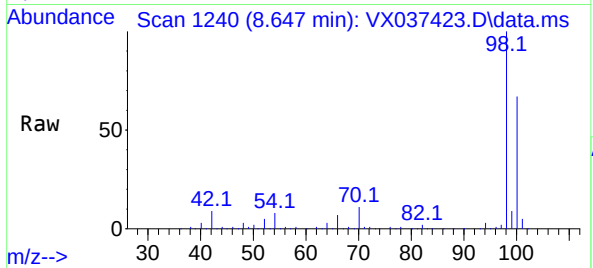




#50
Toluene-d8
Concen: 48.978 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

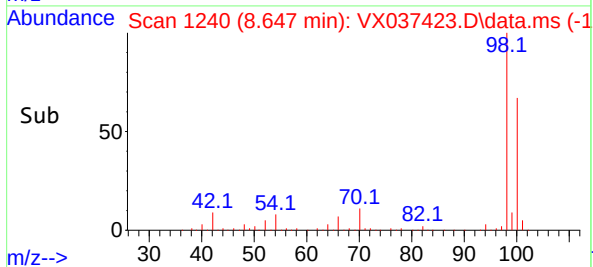
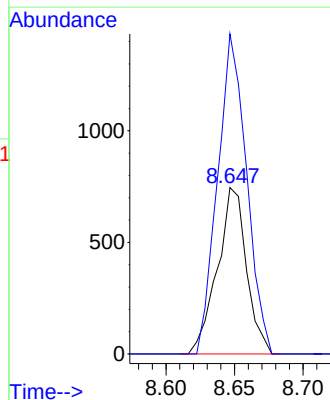
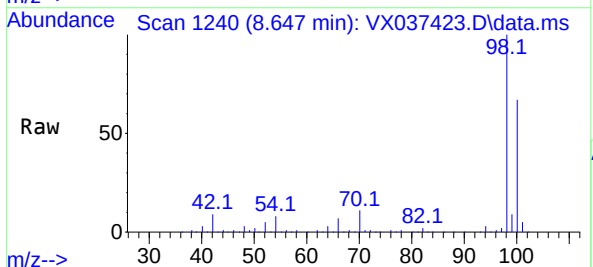
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

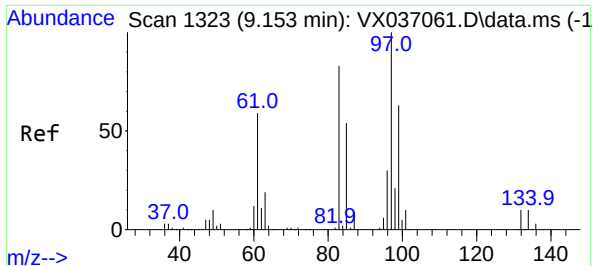
Tgt Ion: 98 Resp: 301437
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 191.3 30.4 45.6#



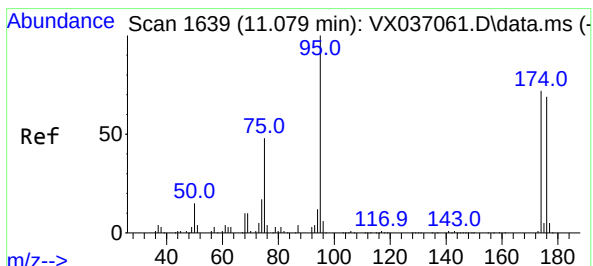
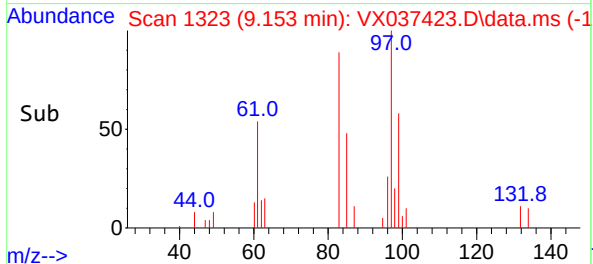
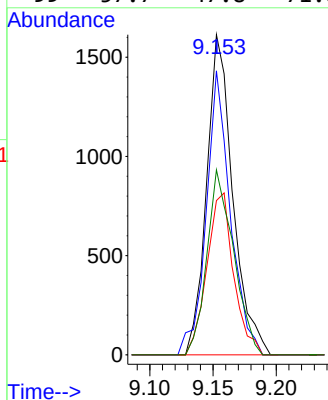
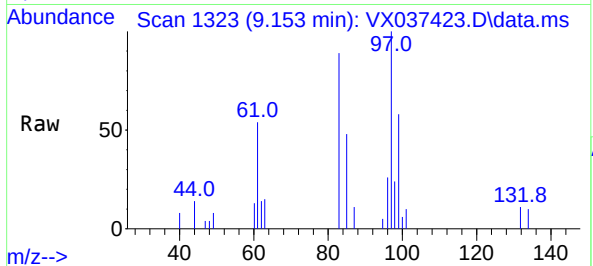


#55
1,1,2-Trichloroethane
Concen: 1.252 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

Tgt Ion: 97 Resp: 2328

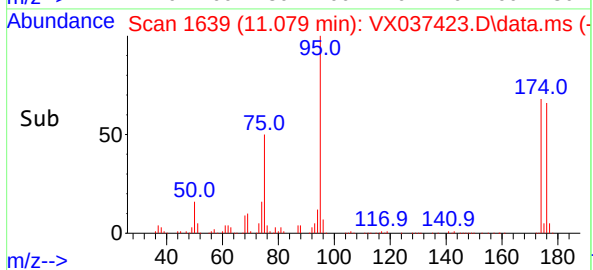
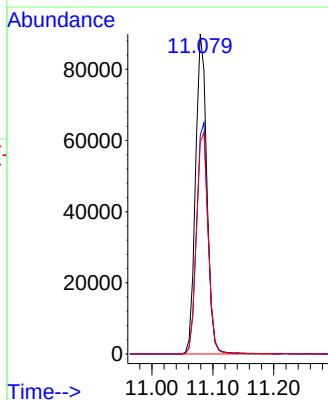
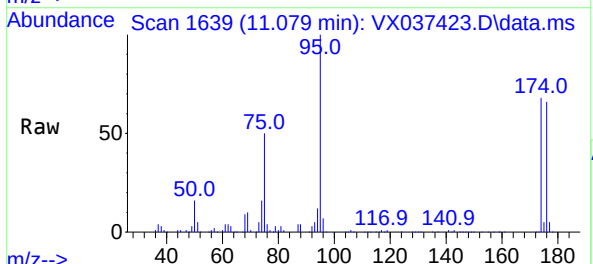
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	48.1	41.6	62.4
99	57.7	47.8	71.8

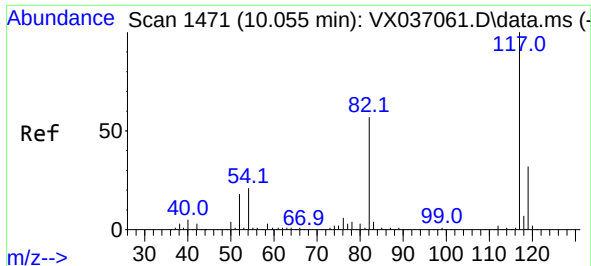


#62
4-Bromofluorobenzene
Concen: 47.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 95 Resp: 116058

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	135.6
176	71.4	0.0	131.0

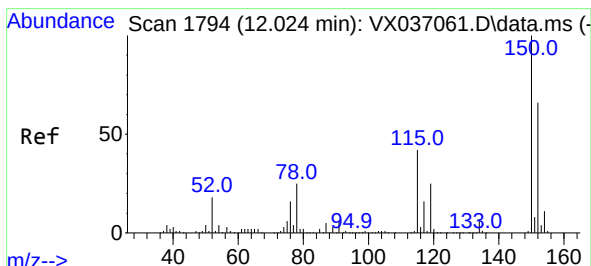
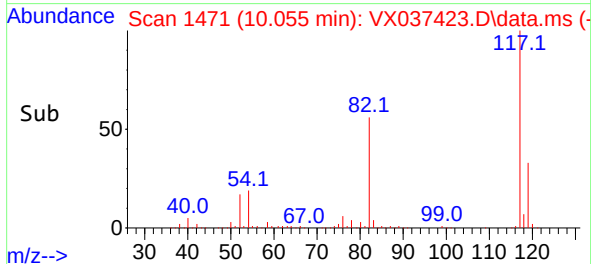
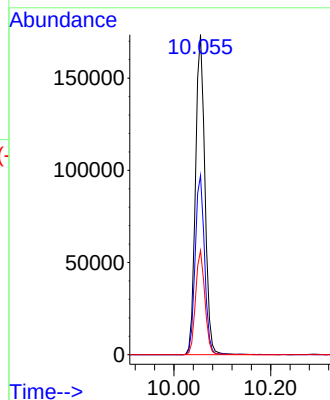
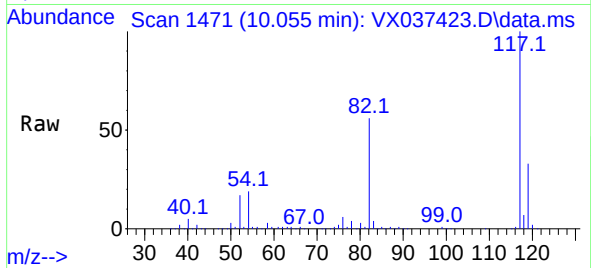




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

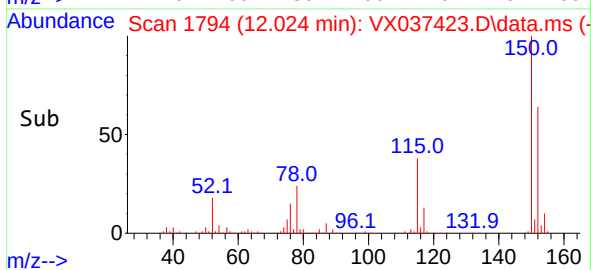
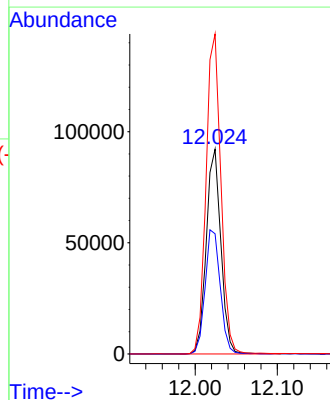
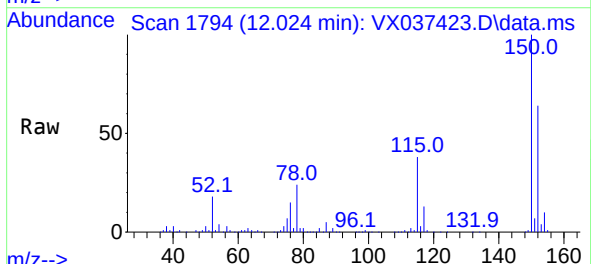
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

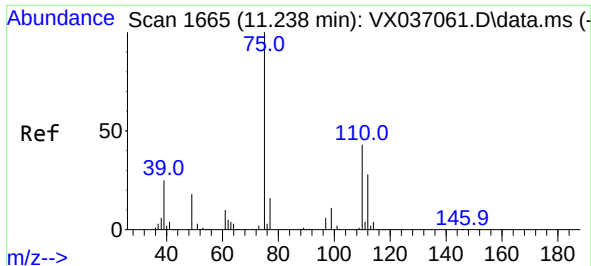
Tgt Ion:117 Resp: 233755
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion:152 Resp: 113923
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 158.8 0.0 345.0

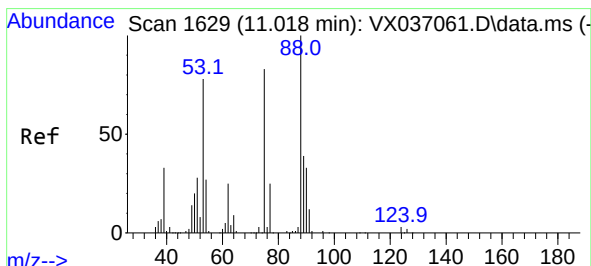
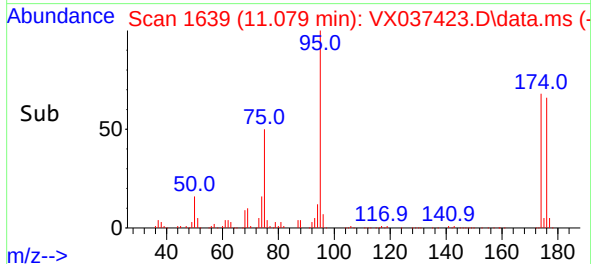
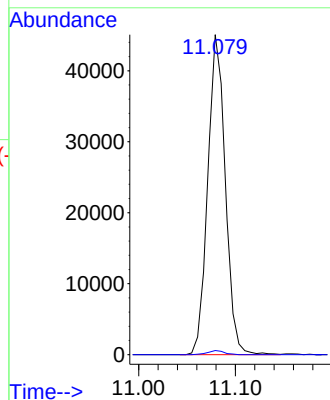
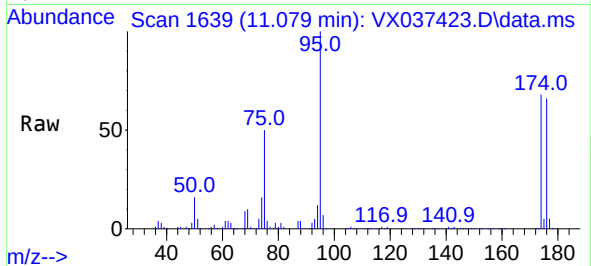




#76
1,2,3-Trichloropropane
Concen: 23.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20230821

Tgt Ion: 75 Resp: 57031
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037423.D
Acq: 31 Aug 2023 11:52

Tgt Ion: 75 Resp: 57031
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

