

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037378.D
 Acq On : 30 Aug 2023 10:18
 Operator : JC/MD
 Sample : VX0830WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBL01

Quant Time: Aug 31 02:18:31 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)

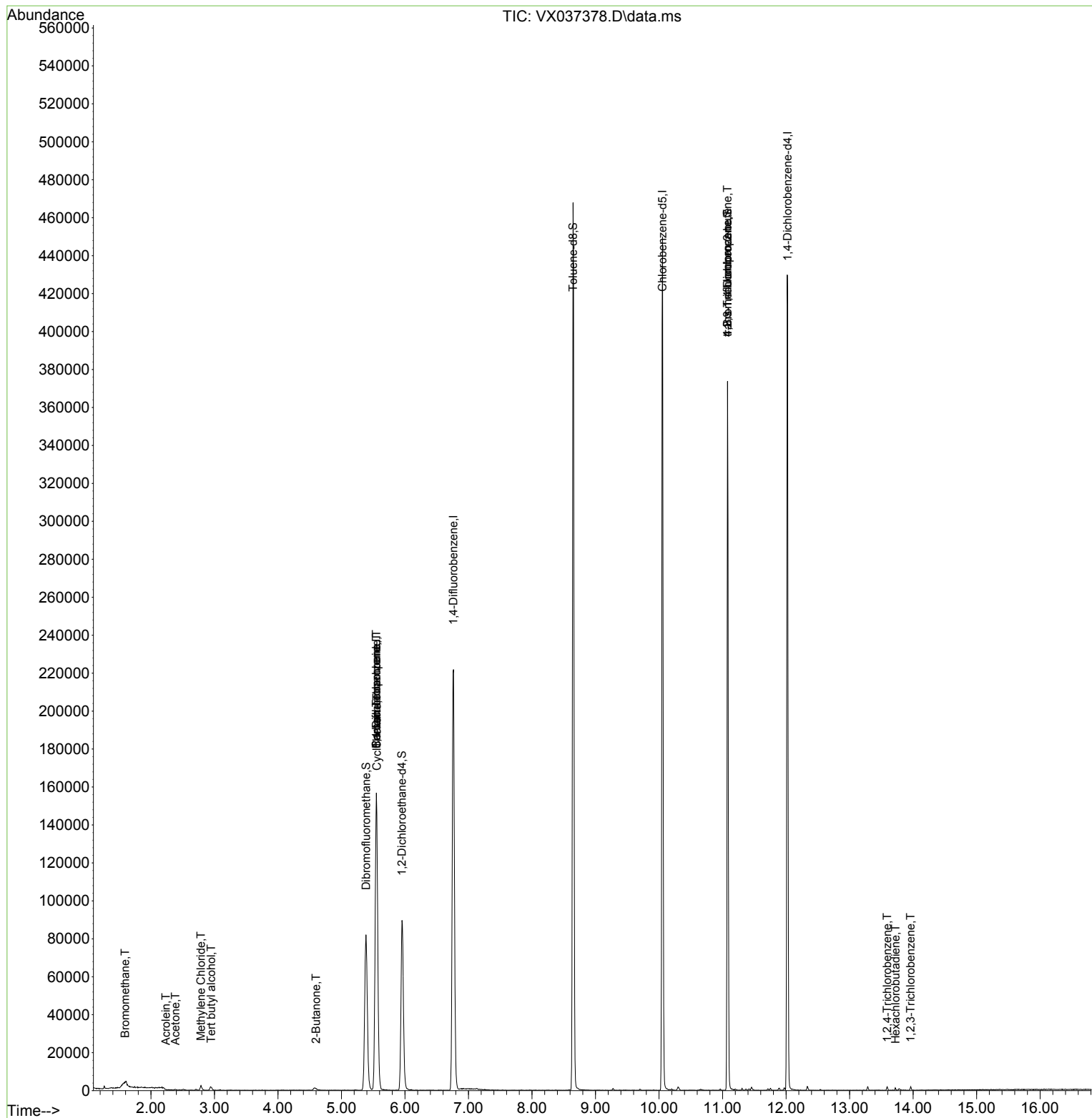
Internal Standards						
1) Pentafluorobenzene	5.550	168	146189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89401	42.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.840%		
35) Dibromofluoromethane	5.385	113	73589	46.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.680%		
50) Toluene-d8	8.647	98	280992	48.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.560%		
62) 4-Bromofluorobenzene	11.079	95	101093	44.662	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						Qvalue
5) Bromomethane	1.593	94	196	0.243	ug/l #	3
11) Tert butyl alcohol	2.947	59	1197	2.421	ug/l #	78
13) Acrolein	2.233	56	103	0.274	ug/l #	60
16) Acetone	2.386	43	605	0.734	ug/l	92
20) Methylene Chloride	2.788	84	1228	0.666	ug/l #	79
25) 2-Butanone	4.599	43	281	0.226	ug/l #	51
31) Cyclohexane	5.556	56	2791	1.178	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11369	5.040	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15604	6.367	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	50051	25.013	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50051	69.862	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	657	0.367	ug/l	90
94) Hexachlorobutadiene	13.725	225	263	0.380	ug/l	90
96) 1,2,3-Trichlorobenzene	13.963	180	535	0.301	ug/l	94

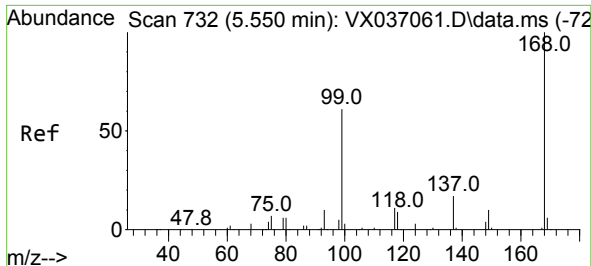
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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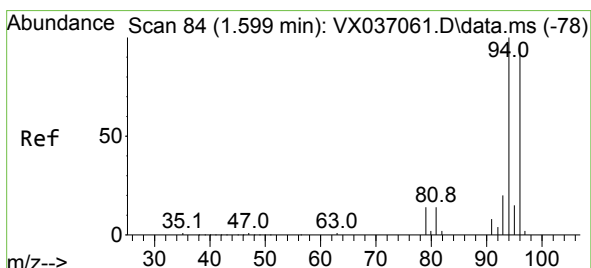
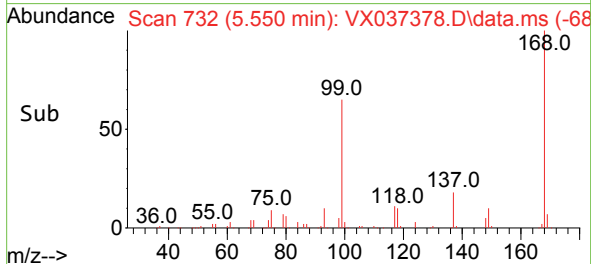
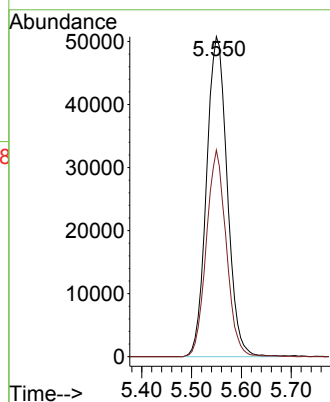
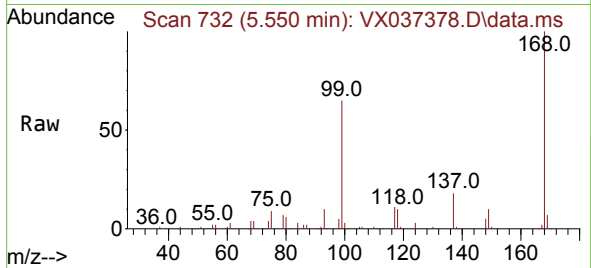




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

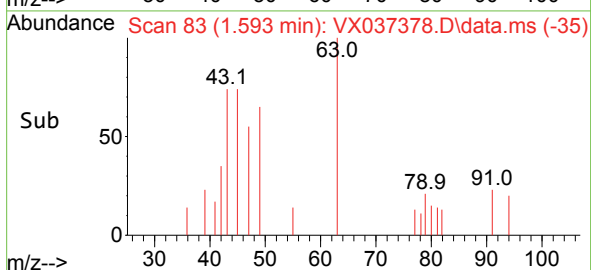
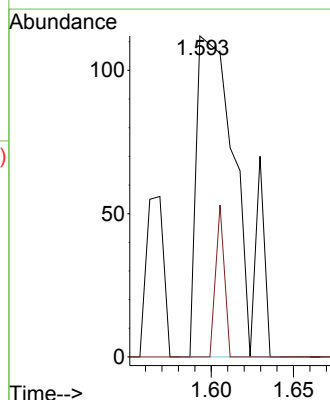
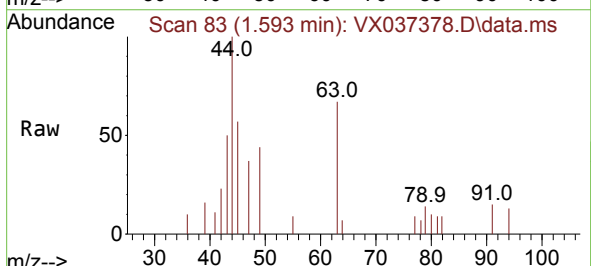
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

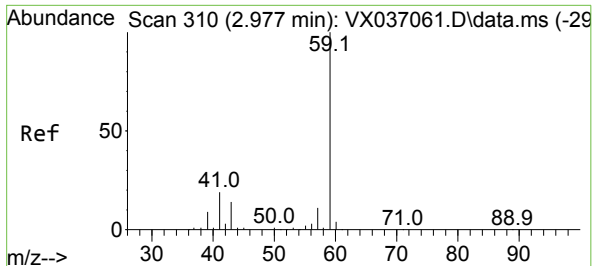
Tgt Ion:168 Resp: 146189
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 2.421 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037378.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

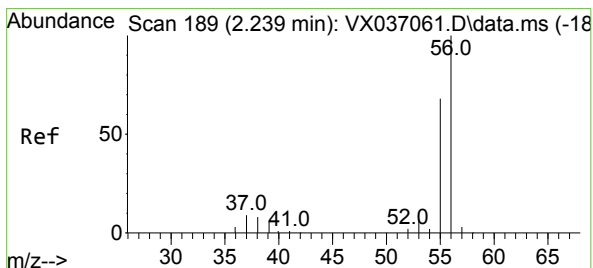
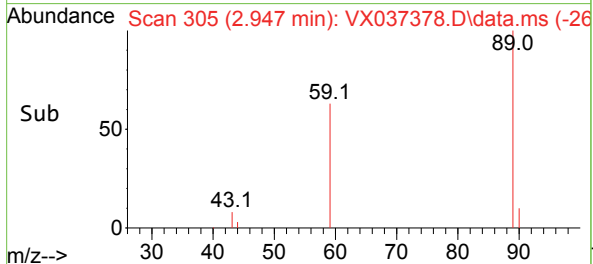
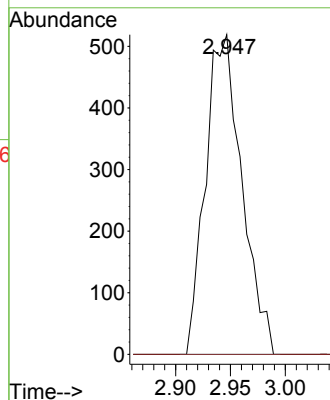
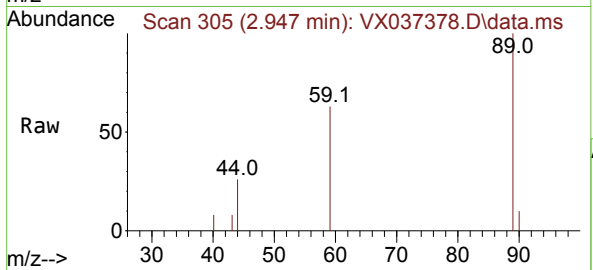
VX0830WBL01

Tgt Ion: 59 Resp: 1197

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.274 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037378.D

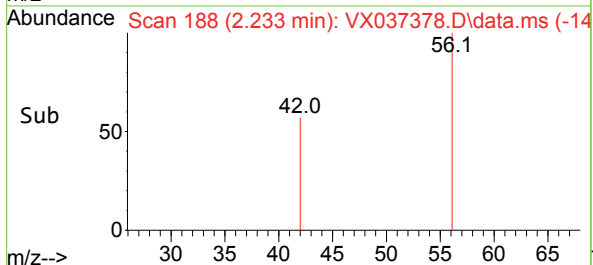
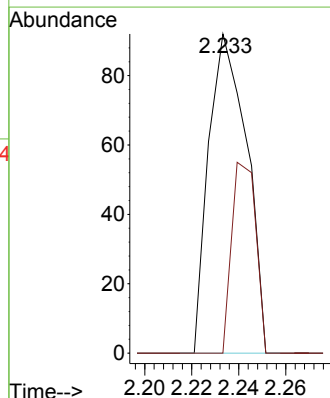
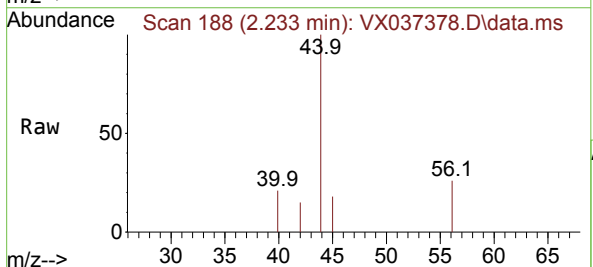
Acq: 30 Aug 2023 10:18

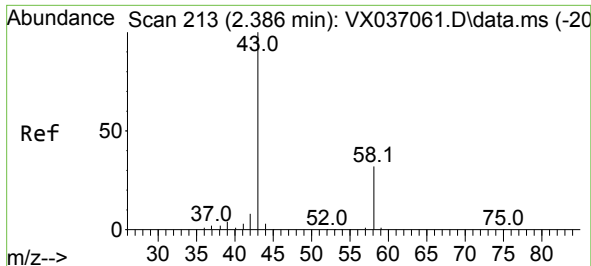
Tgt Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

55 37.9 57.1 85.7#





#16

Acetone

Concen: 0.734 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037378.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

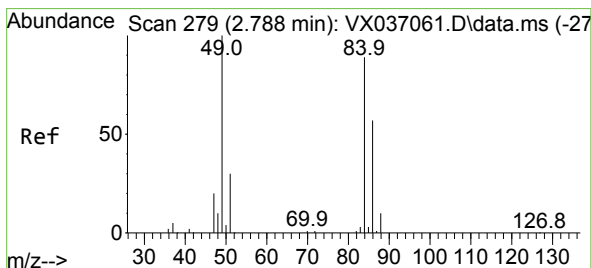
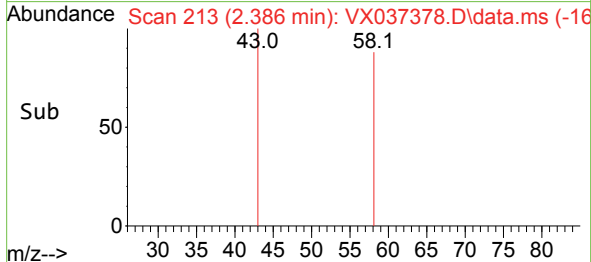
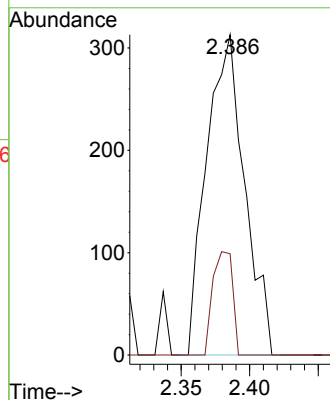
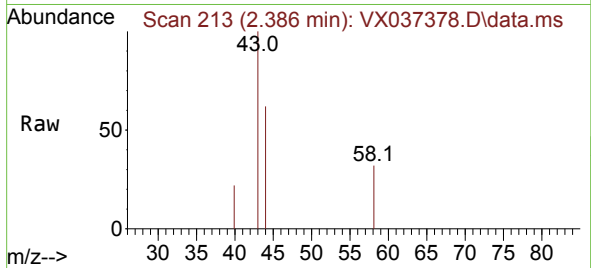
VX0830WBL01

Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

58 31.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.666 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037378.D

Acq: 30 Aug 2023 10:18

Tgt Ion: 84 Resp: 1228

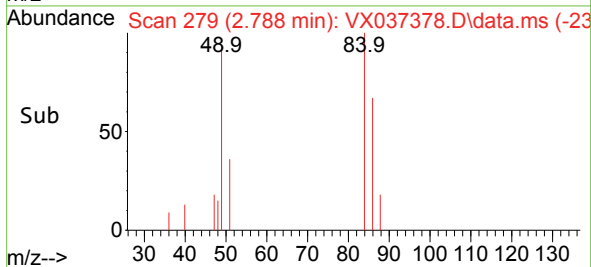
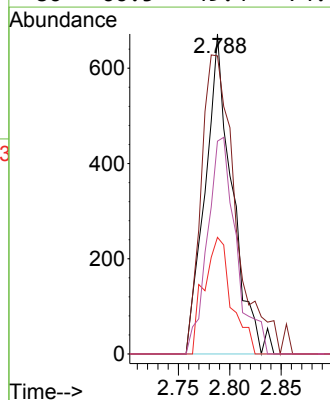
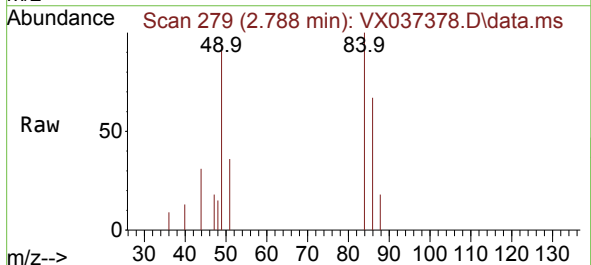
Ion Ratio Lower Upper

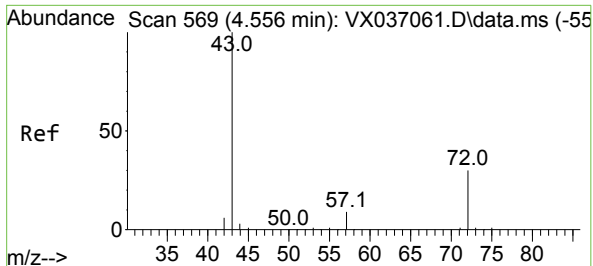
84 100

49 93.2 103.6 155.4#

51 36.5 33.8 50.6

86 66.5 49.4 74.0

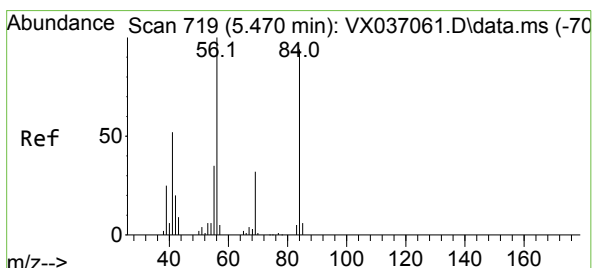
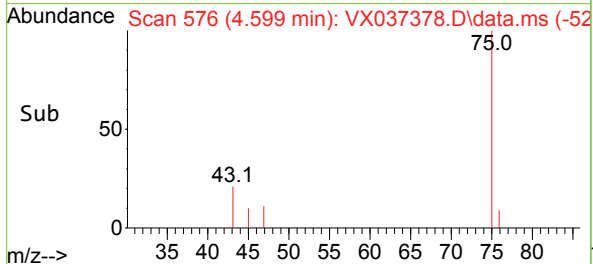
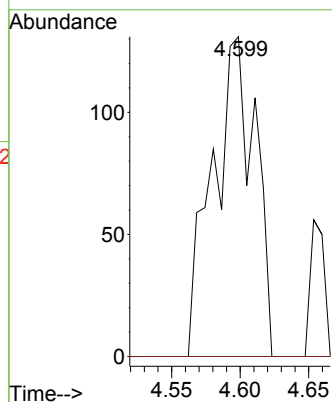
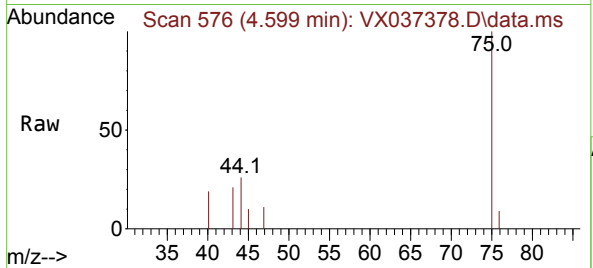




#25
2-Butanone
Concen: 0.226 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

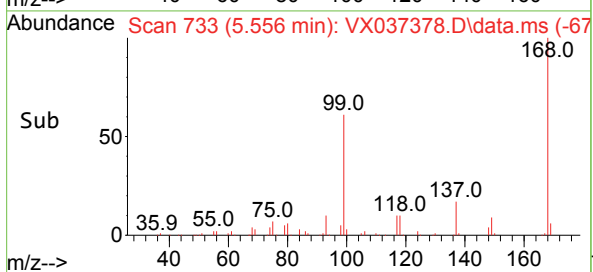
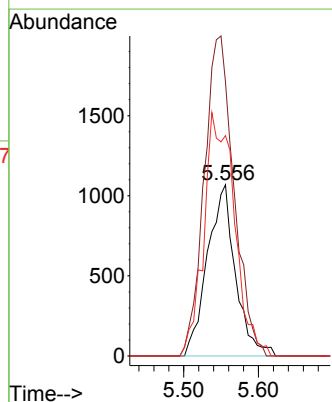
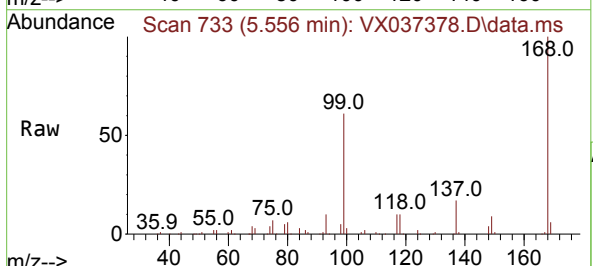
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

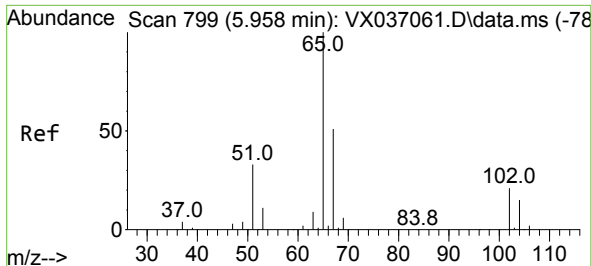
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 56 Resp: 2791
Ion Ratio Lower Upper
56 100
69 160.0 23.4 35.2#
84 128.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.419 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037378.D

Acq: 30 Aug 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

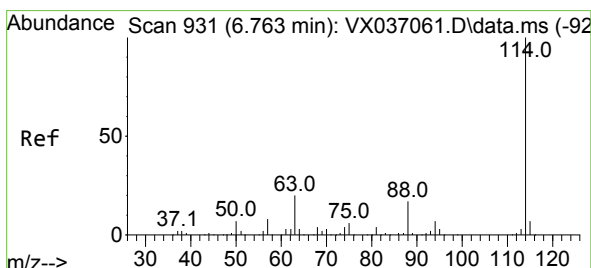
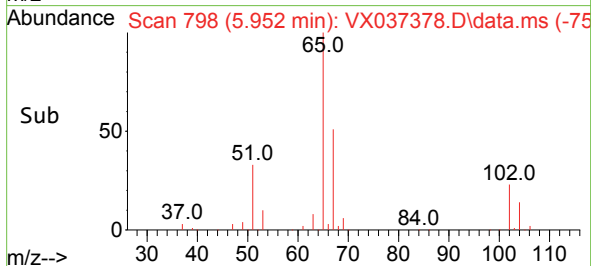
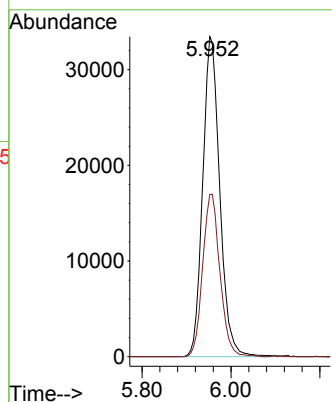
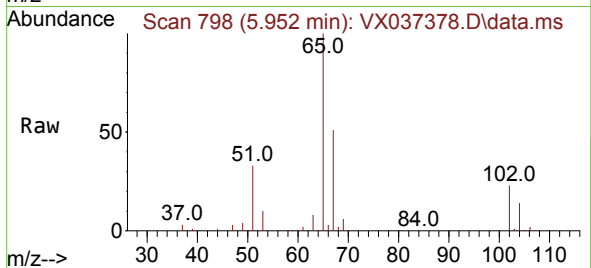
VX0830WBL01

Tgt Ion: 65 Resp: 89401

Ion Ratio Lower Upper

65 100

67 51.4 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: VX037378.D

Acq: 30 Aug 2023 10:18

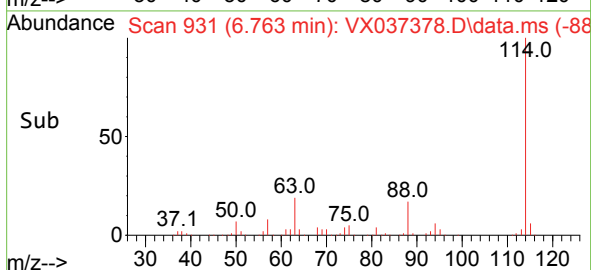
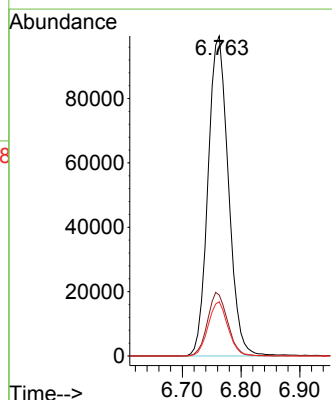
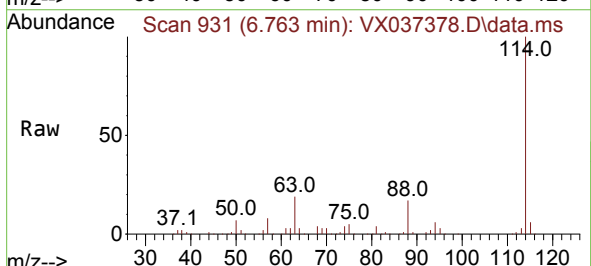
Tgt Ion: 114 Resp: 239760

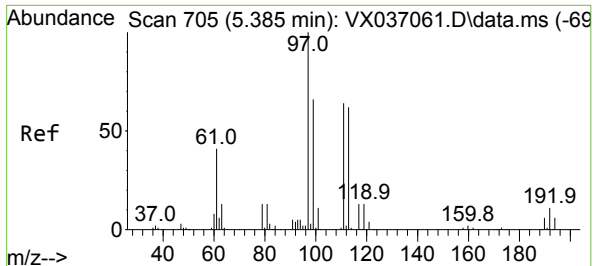
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

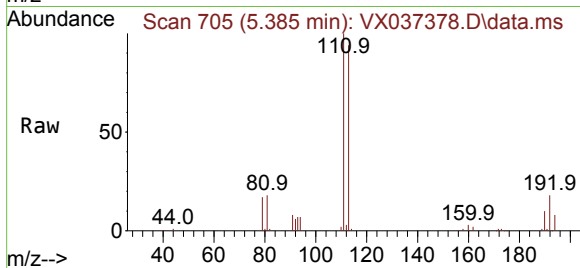
88 17.0 0.0 36.6



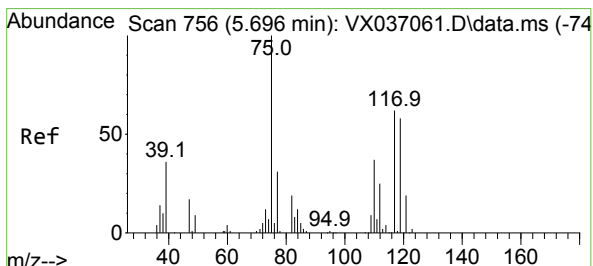
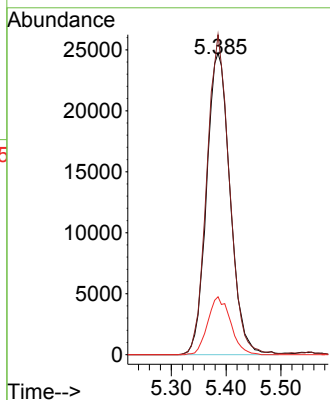
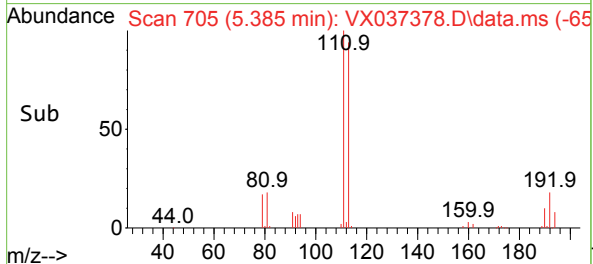


#35
Dibromofluoromethane
Concen: 46.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

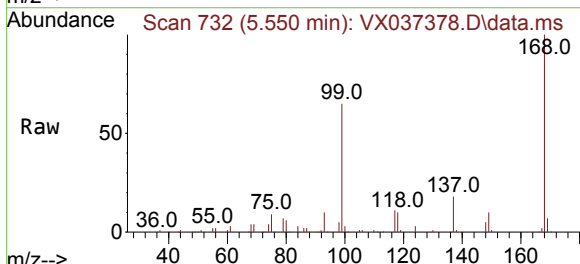
Instrument :
MSVOA_X
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VX0830WBL01



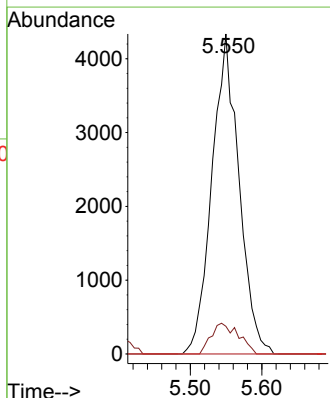
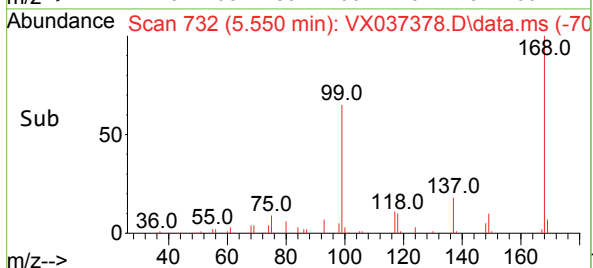
Tgt Ion:113 Resp: 73589
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.6 13.3 19.9

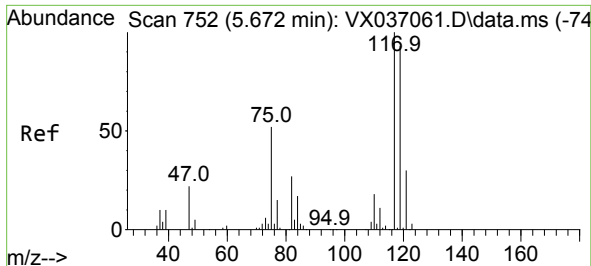


#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18



Tgt Ion: 75 Resp: 11369
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

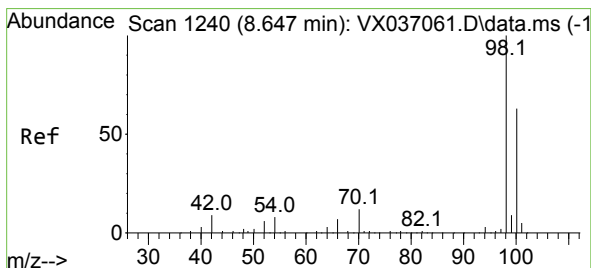
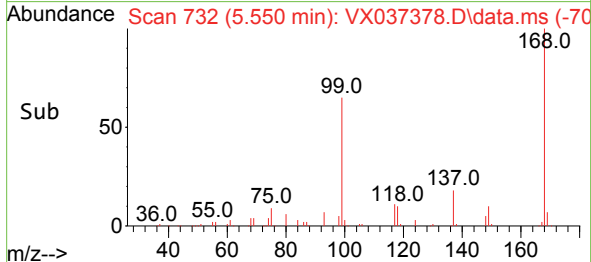
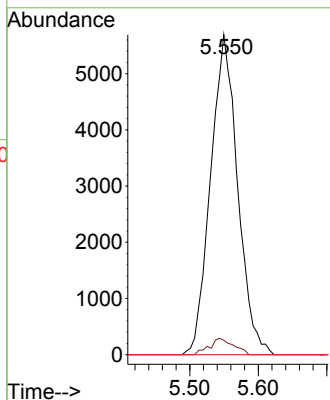
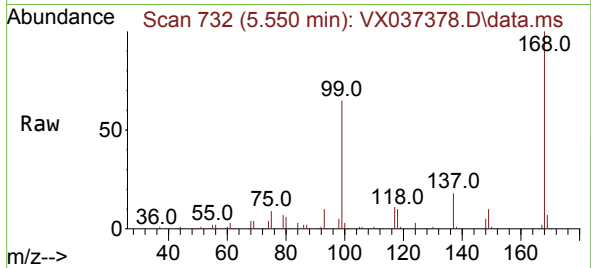




#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

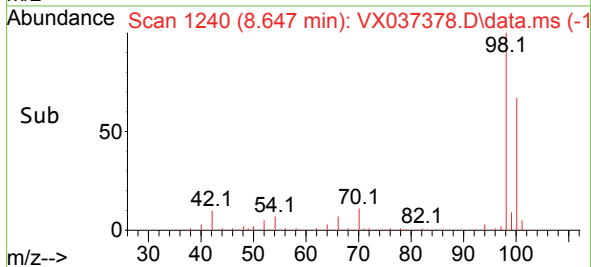
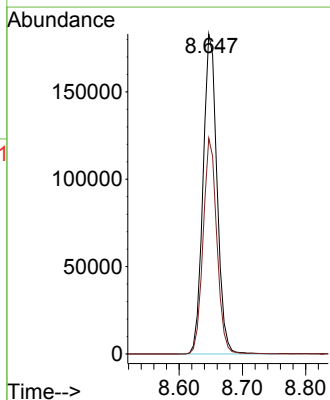
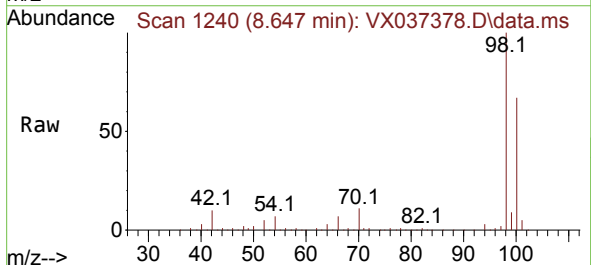
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

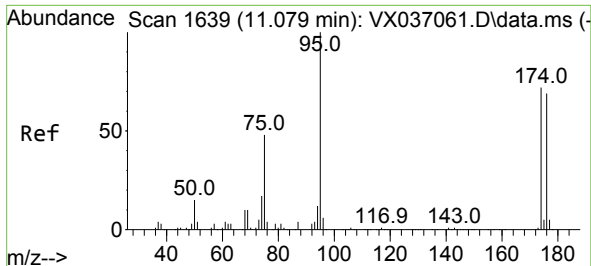
Tgt Ion:117 Resp: 15604
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.785 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 98 Resp: 280992
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

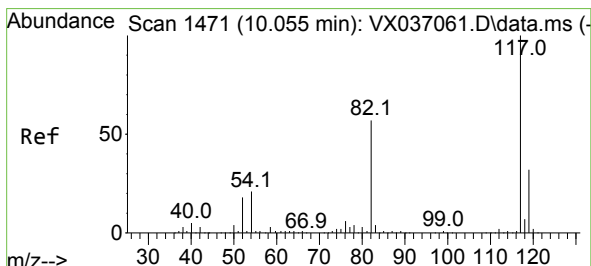
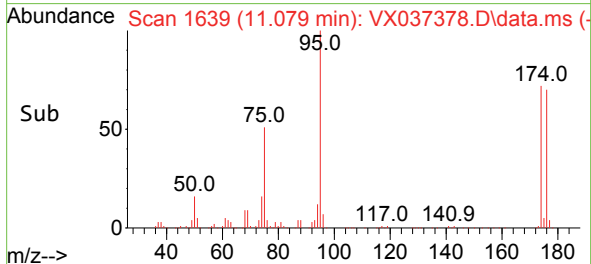
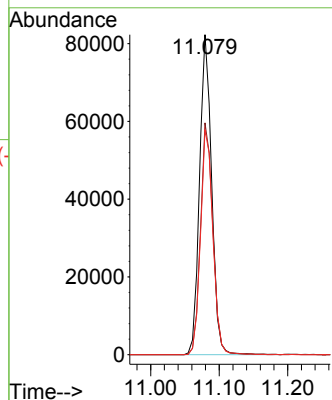
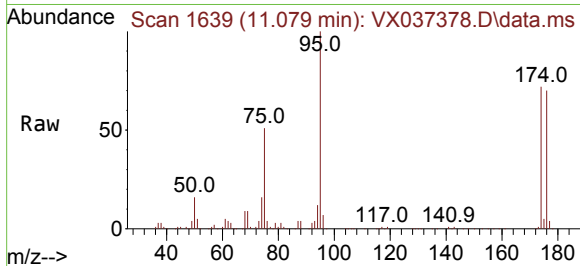




#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

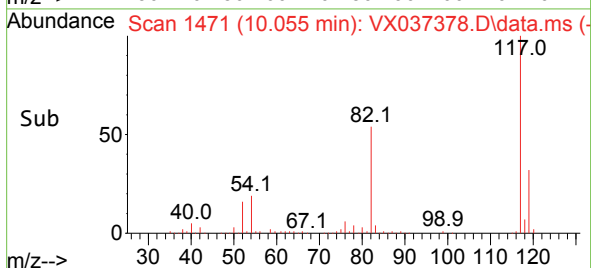
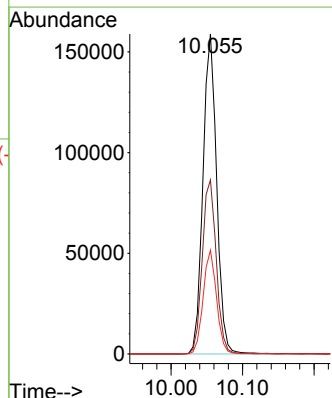
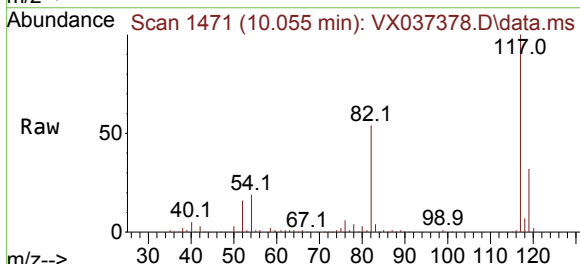
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

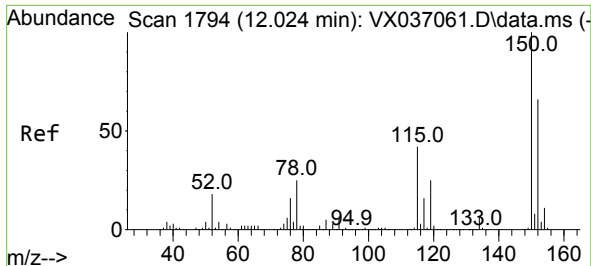
Tgt Ion: 95 Resp: 101093
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 117 Resp: 211506
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 25.5 38.3

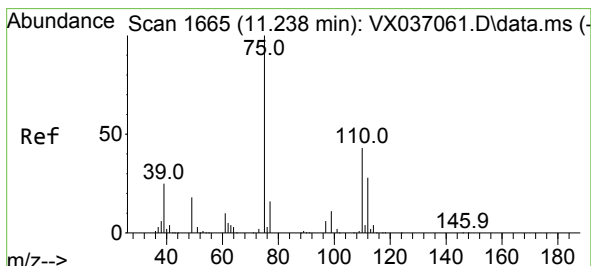
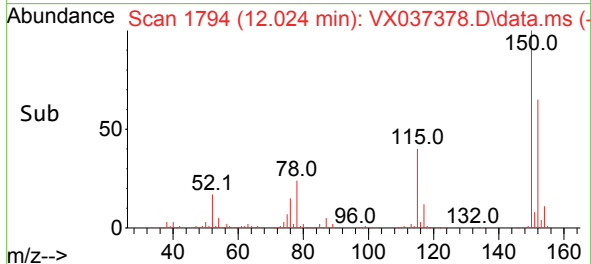
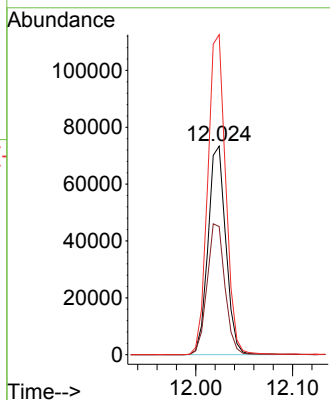
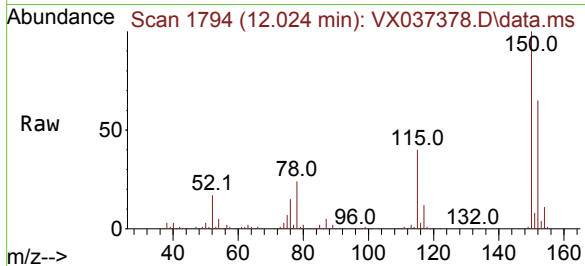




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

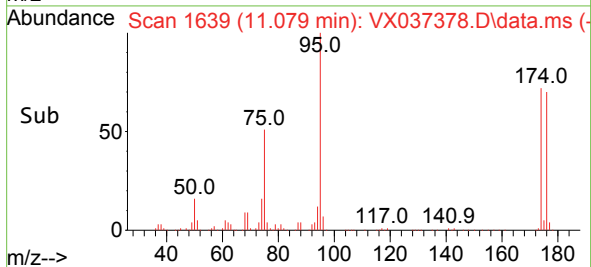
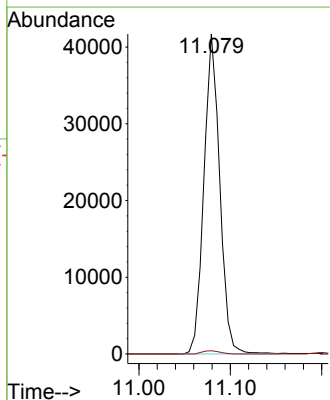
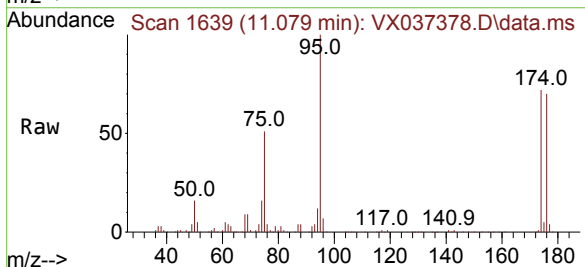
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

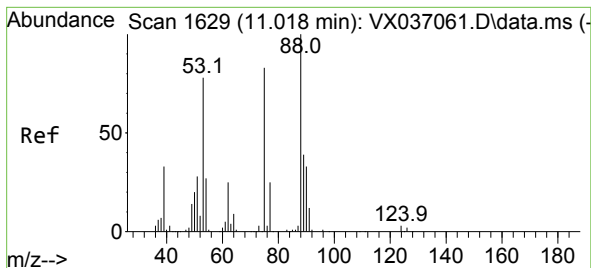
Tgt Ion:152 Resp: 93959
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 75 Resp: 50051
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

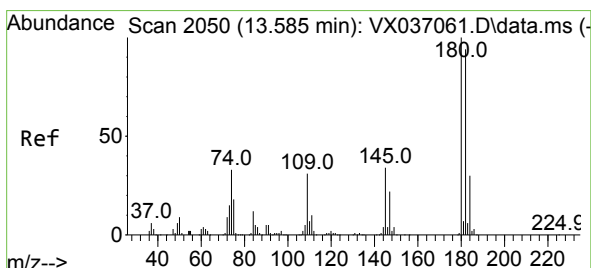
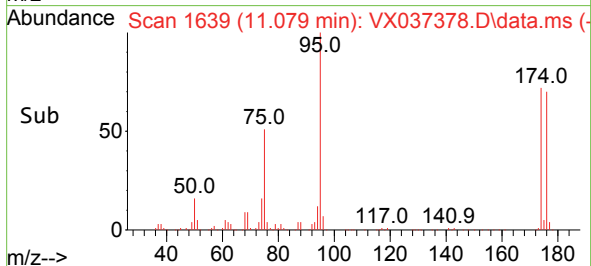
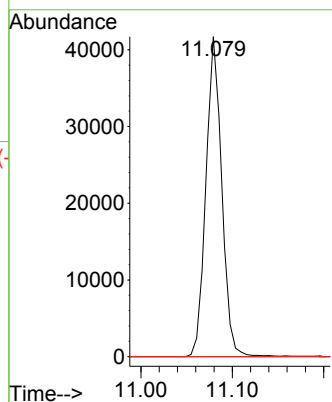
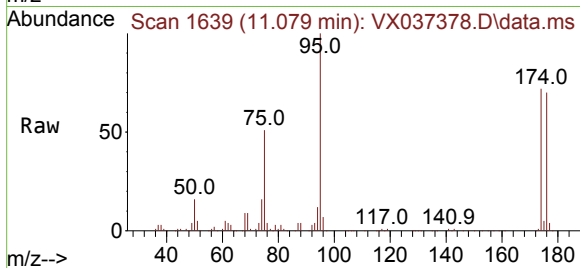




#81
trans-1,4-Dichloro-2-butene
Concen: 69.862 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

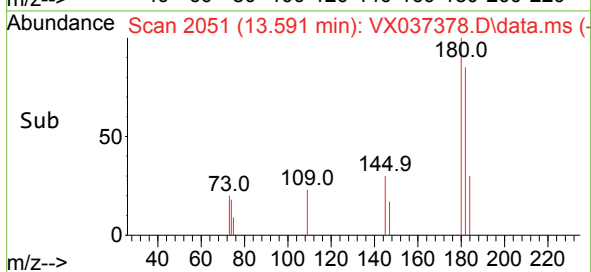
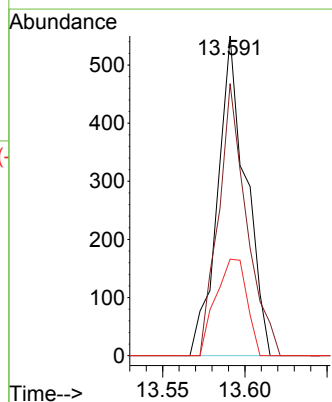
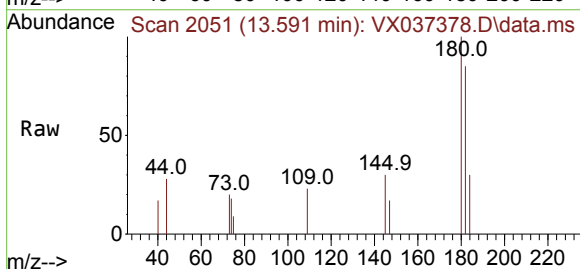
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

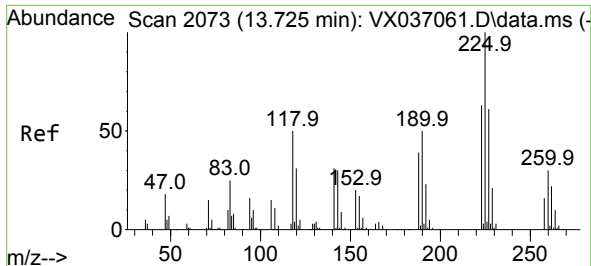
Tgt Ion: 75 Resp: 50051
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.367 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion: 180 Resp: 657
Ion Ratio Lower Upper
180 100
182 84.5 48.3 144.8
145 33.2 18.0 54.0

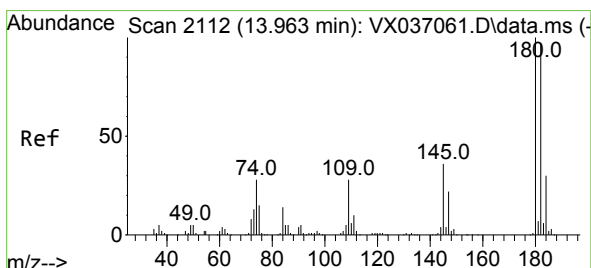
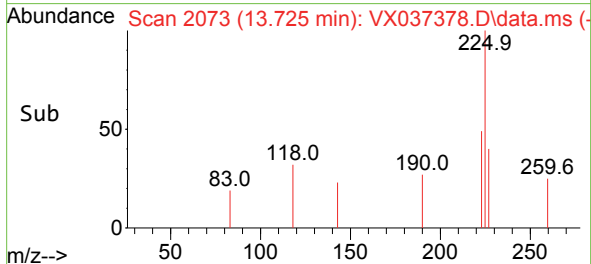
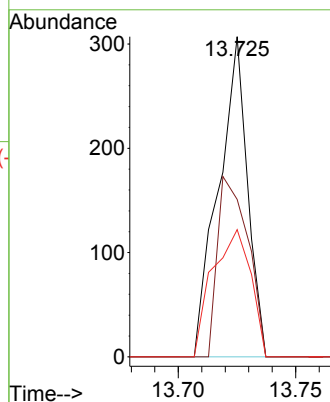
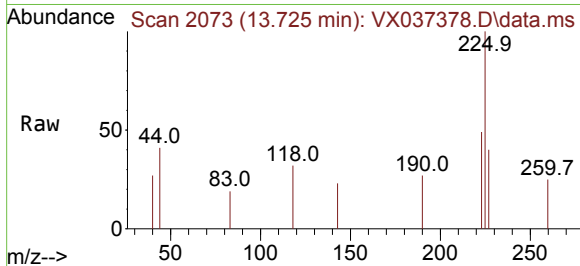




#94
Hexachlorobutadiene
Concen: 0.380 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBL01

Tgt Ion:225	Resp:	263
Ion Ratio	Lower	Upper
225	100	
223	58.9	31.1 93.2
227	52.5	32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.301 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037378.D
Acq: 30 Aug 2023 10:18

Tgt Ion:180	Resp:	535
Ion Ratio	Lower	Upper
180	100	
182	97.6	46.9 140.6
145	42.8	17.8 53.5

