

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038643.D
 Acq On : 08 Nov 2023 09:41
 Operator : JC/MD
 Sample : VX1108MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108MBL01

Quant Time: Nov 09 01:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

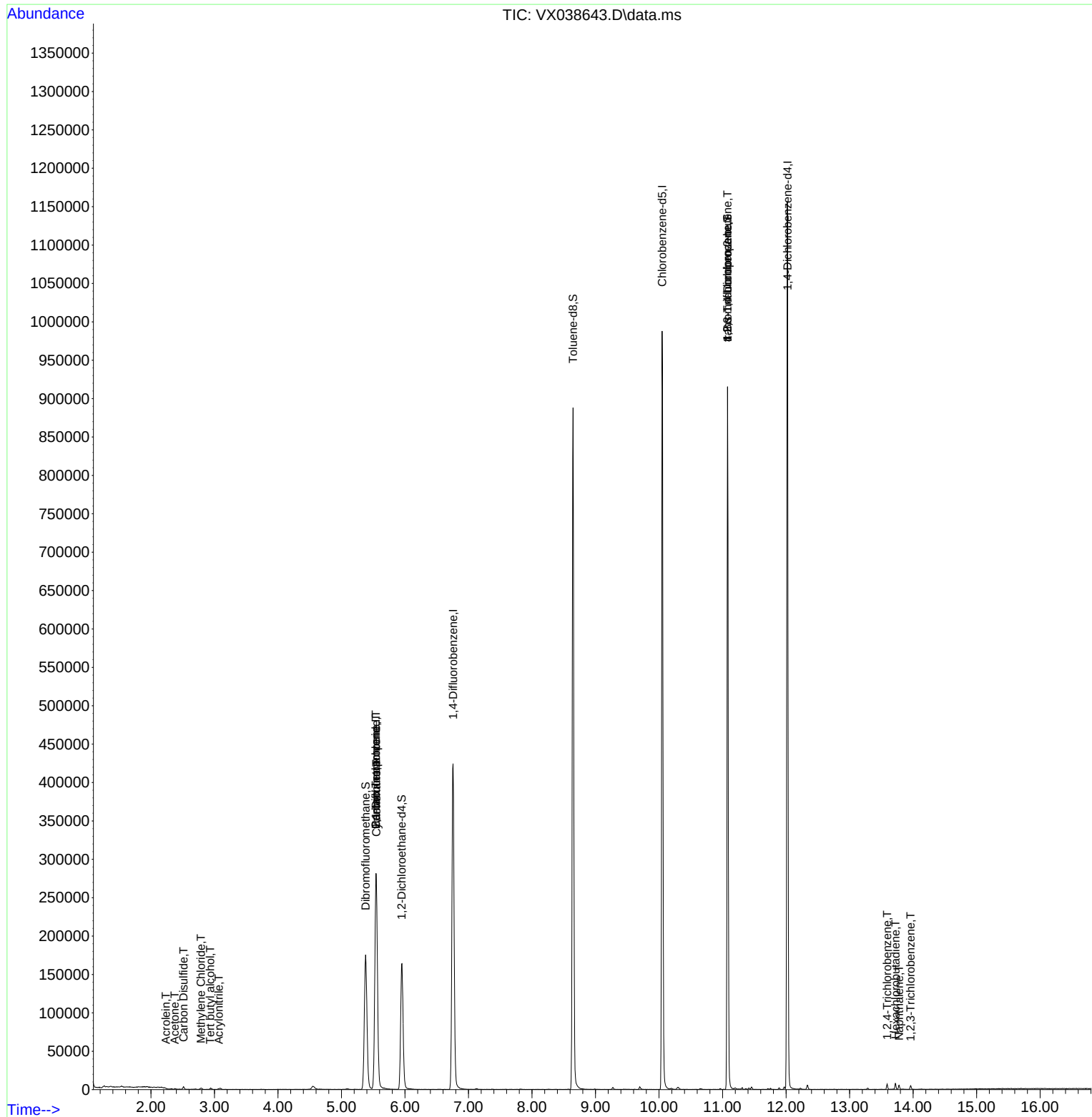
Internal Standards						
1) Pentafluorobenzene	5.544	168	290374	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	475379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	484206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	164385	45.472	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.379	113	153905	44.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	8.647	98	561160	45.802	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.600%#
62) 4-Bromofluorobenzene	11.079	95	236966	49.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	968	1.310	ug/l #	78
13) Acrolein	2.233	56	187	0.334	ug/l #	64
15) Acrylonitrile	3.069	53	766	0.491	ug/l	99
16) Acetone	2.374	43	862	0.566	ug/l	94
17) Carbon Disulfide	2.514	76	3677	0.511	ug/l	99
20) Methylene Chloride	2.788	84	911	0.297	ug/l #	75
31) Cyclohexane	5.550	56	5343	1.335	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19251	4.526	ug/l #	51
38) Carbon Tetrachloride	5.544	117	27448	5.773	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	115406	21.951	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	115406	66.389	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	2228	0.373	ug/l	86
94) Hexachlorobutadiene	13.725	225	1246	0.484	ug/l	94
95) Naphthalene	13.780	128	4621	0.257	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	1739	0.296	ug/l	92

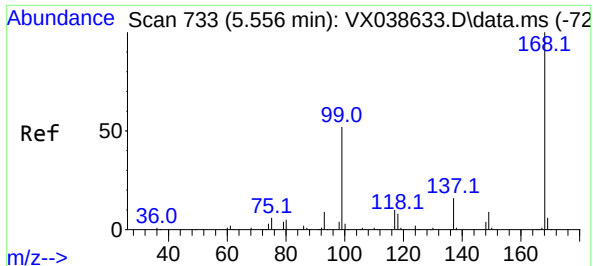
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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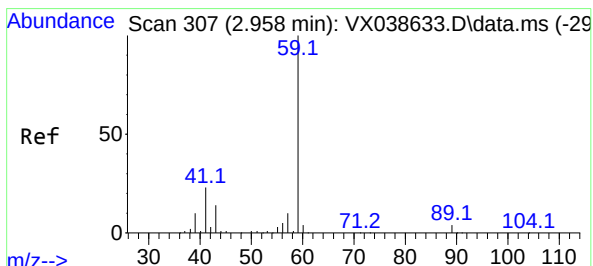
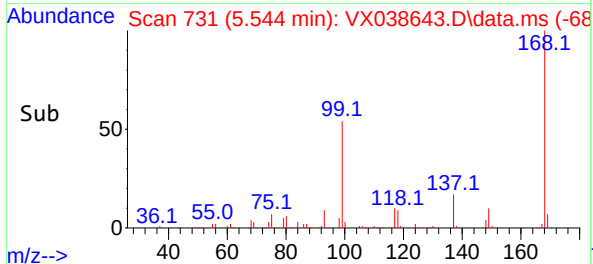
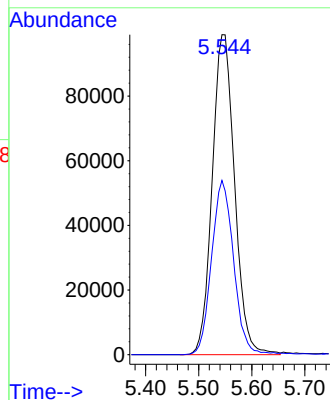
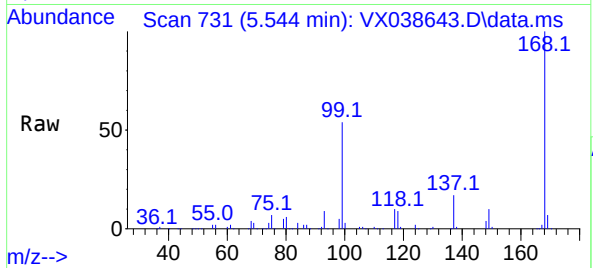




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

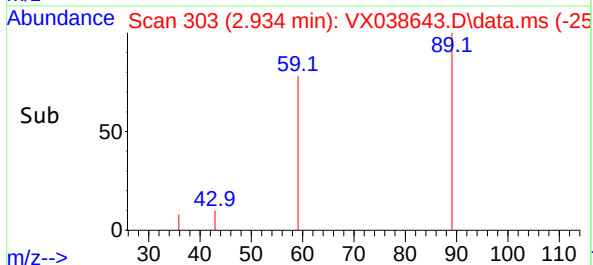
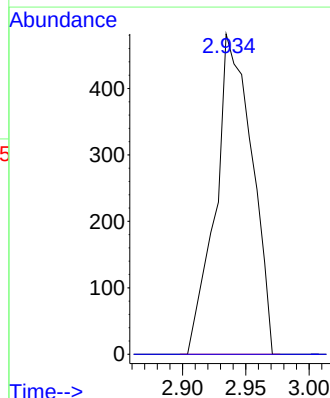
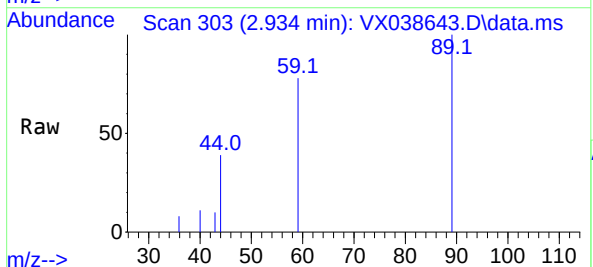
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

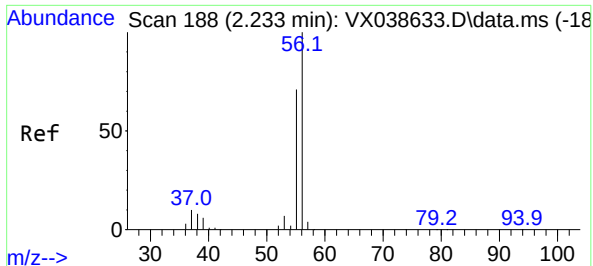
Tgt Ion:168 Resp: 290374
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.310 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.024 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 59 Resp: 968
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

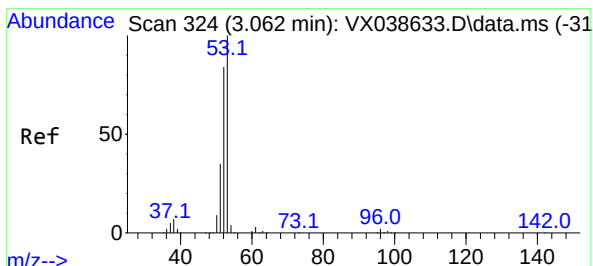
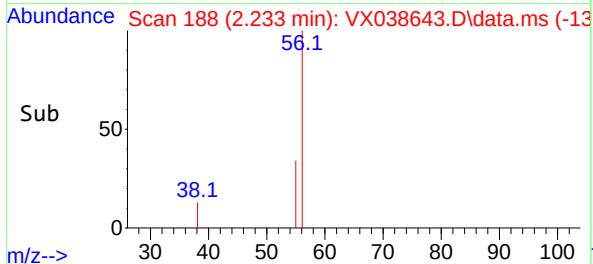
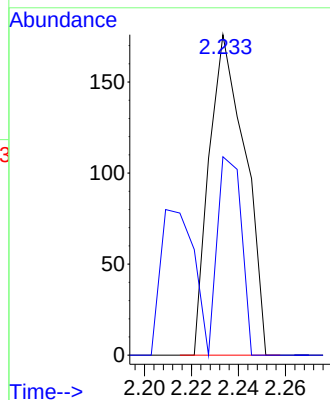
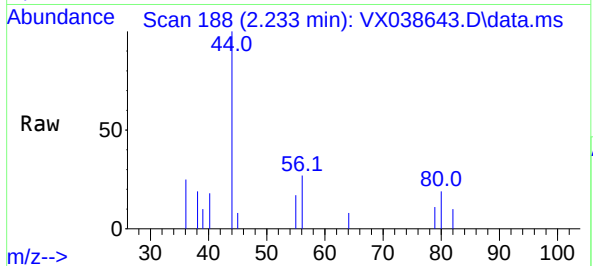




#13
Acrolein
Concen: 0.334 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

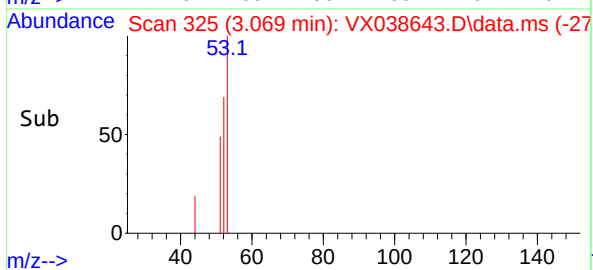
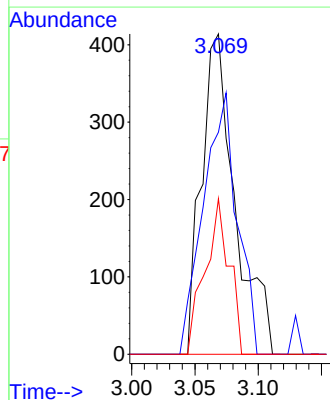
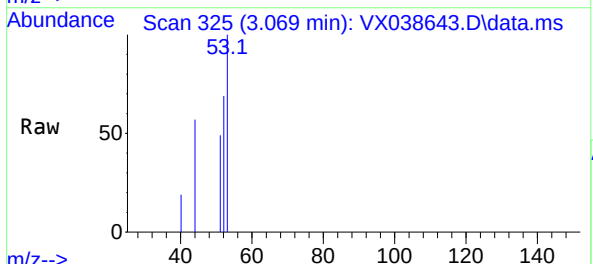
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

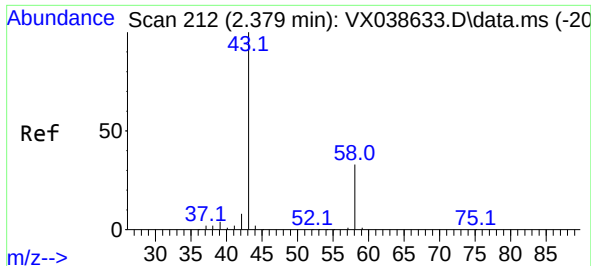
Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 41.2 57.1 85.7#



#15
Acrylonitrile
Concen: 0.491 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.007 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 53 Resp: 766
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.0 29.8 44.6

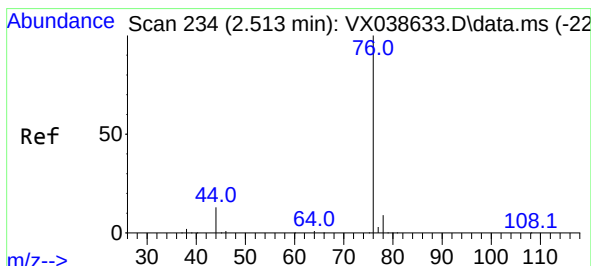
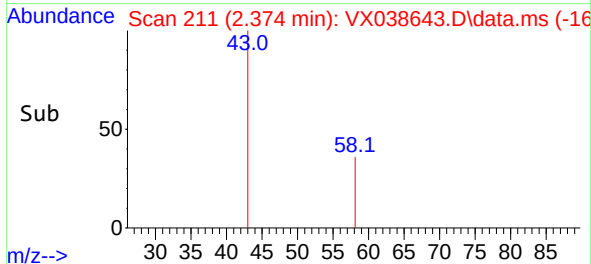
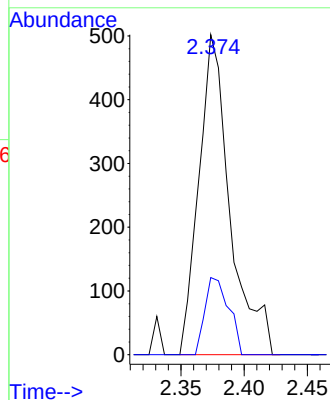
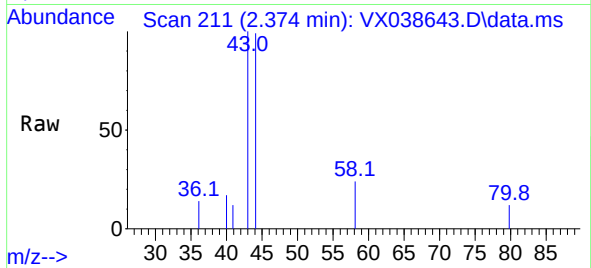




#16
Acetone
Concen: 0.566 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

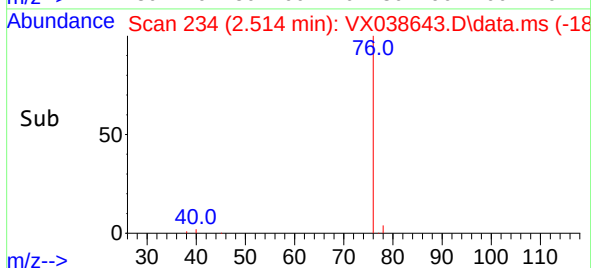
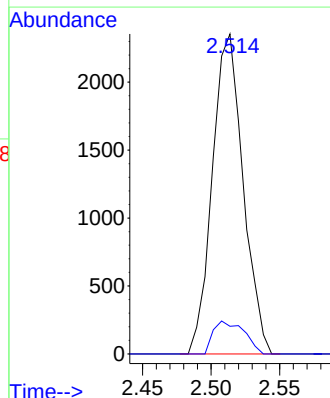
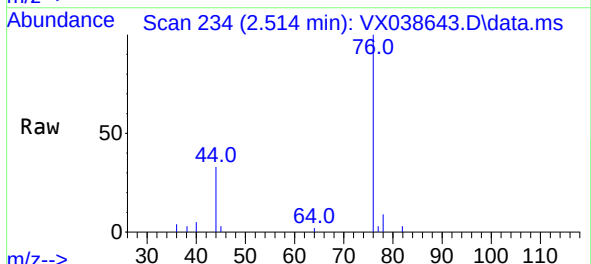
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

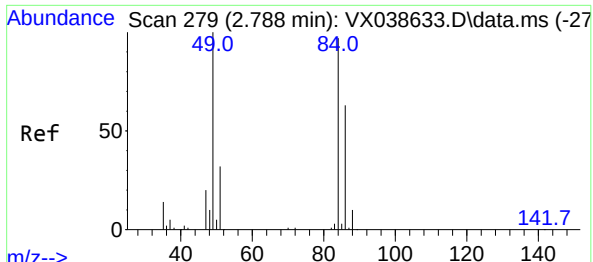
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 24.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.511 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

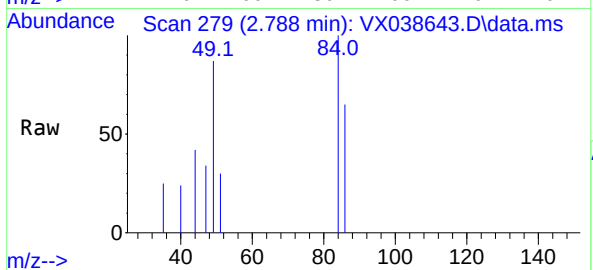
Tgt Ion: 76 Resp: 3677
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6





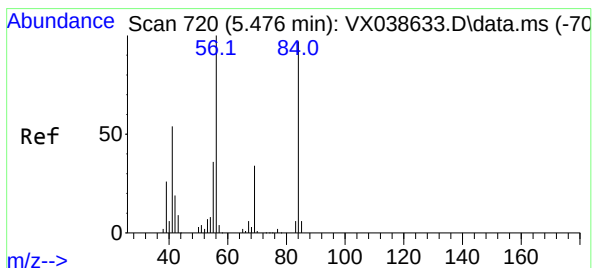
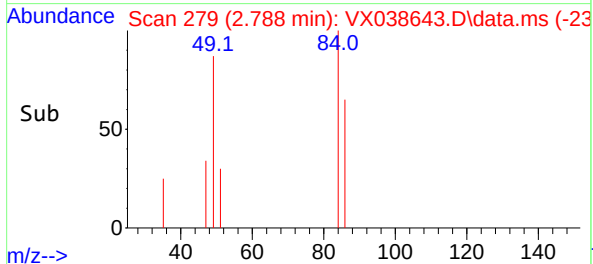
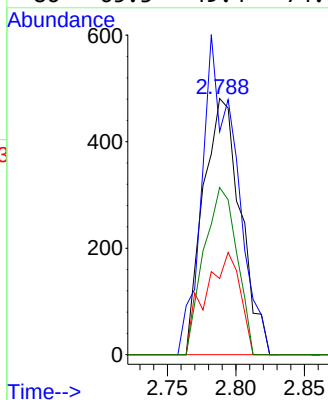
#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01



Tgt Ion: 84 Resp: 911

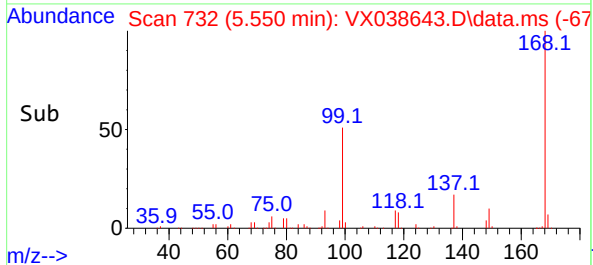
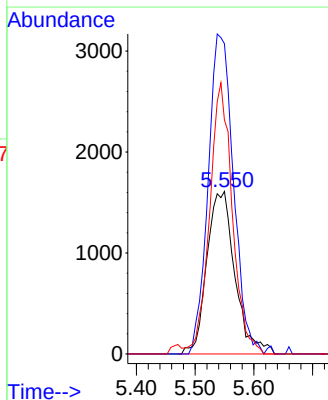
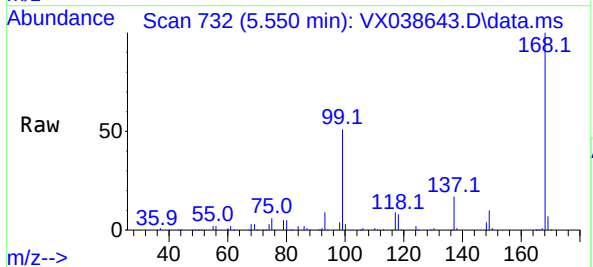
Ion	Ratio	Lower	Upper
84	100		
49	87.1	103.6	155.4#
51	29.7	33.8	50.6#
86	65.3	49.4	74.0

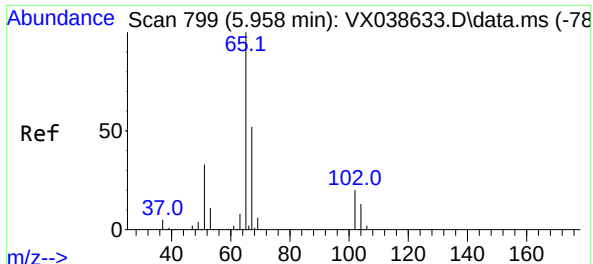


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 56 Resp: 5343

Ion	Ratio	Lower	Upper
56	100		
69	190.9	23.4	35.2#
84	144.0	65.9	98.9#

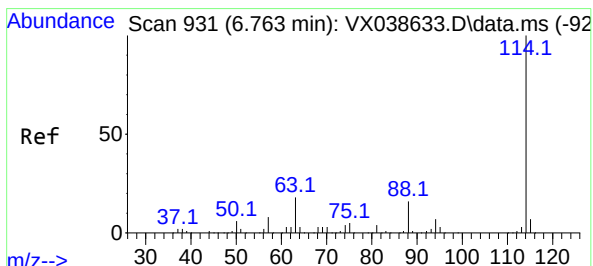
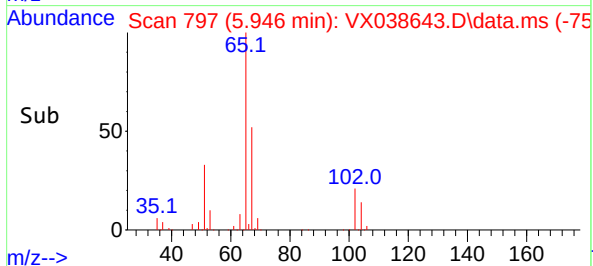
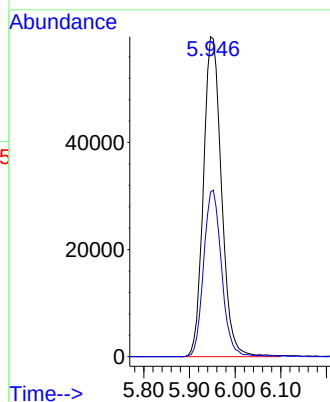
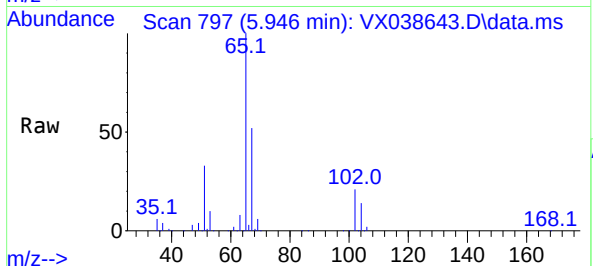




#33
1,2-Dichloroethane-d4
Concen: 45.472 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.012 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

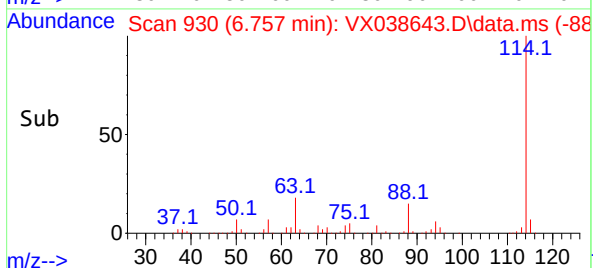
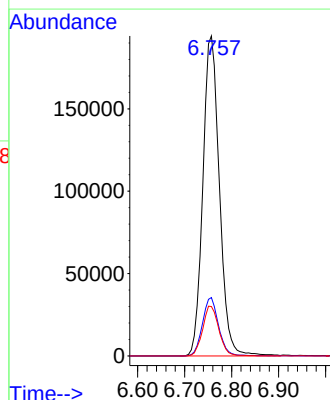
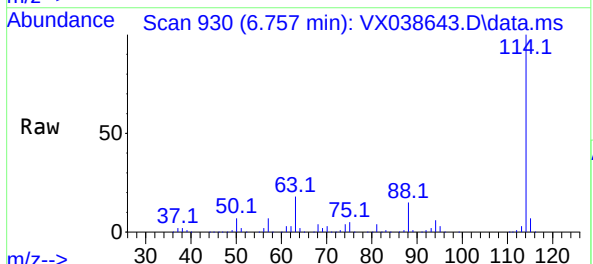
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

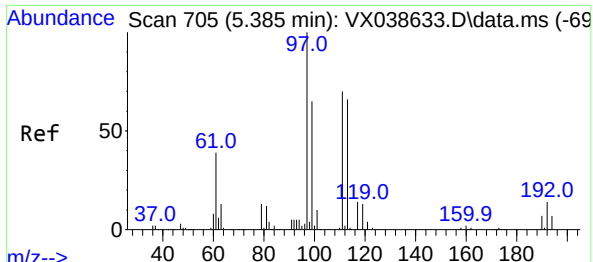
Tgt Ion: 65 Resp: 164385
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

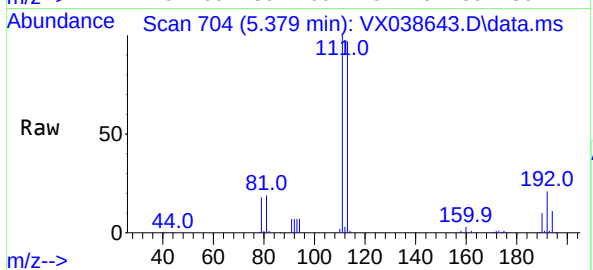
Tgt Ion:114 Resp: 475379
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.5 0.0 36.6



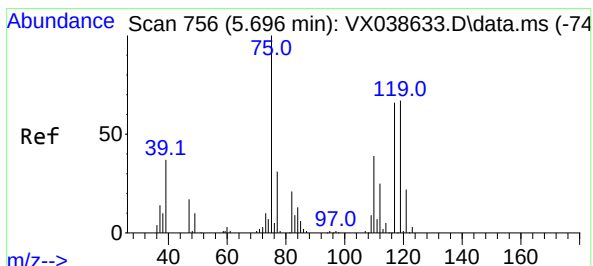
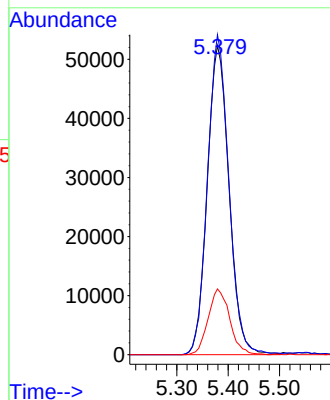
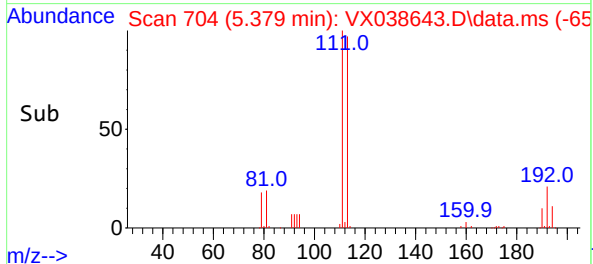


#35
Dibromofluoromethane
Concen: 44.951 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

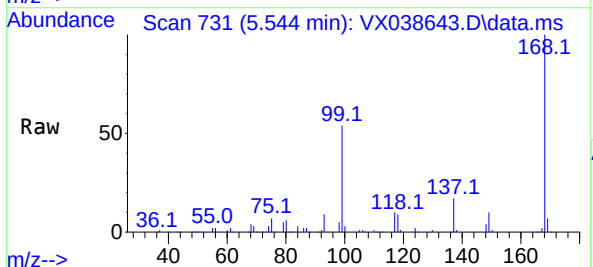
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01



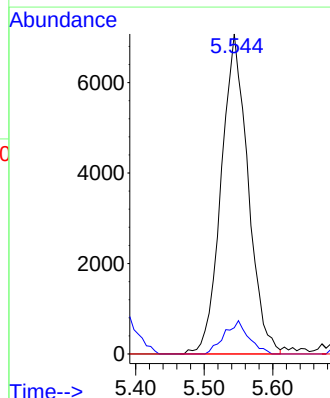
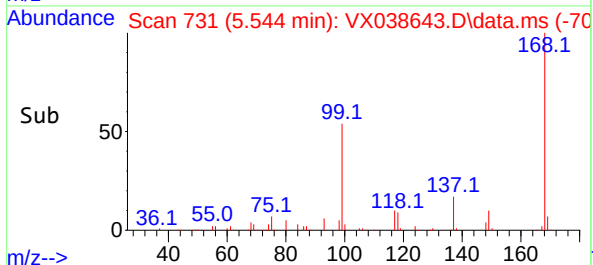
Tgt Ion:113 Resp: 153905
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.1 13.3 19.9#

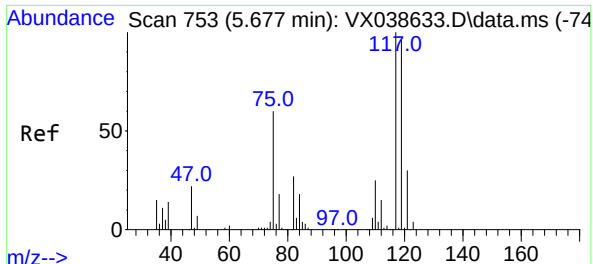


#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41



Tgt Ion: 75 Resp: 19251
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#

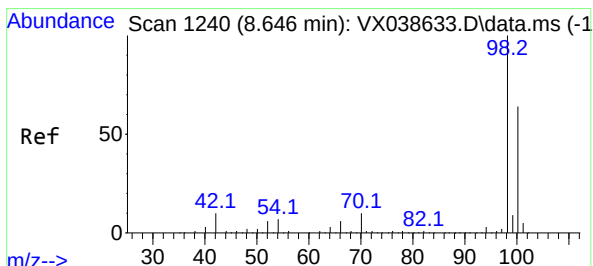
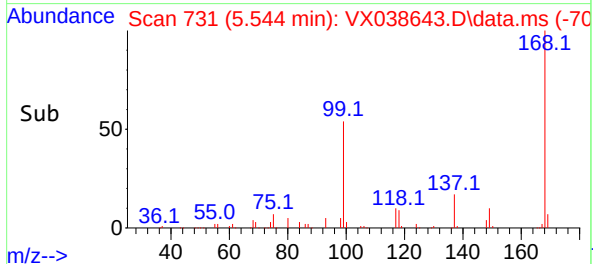
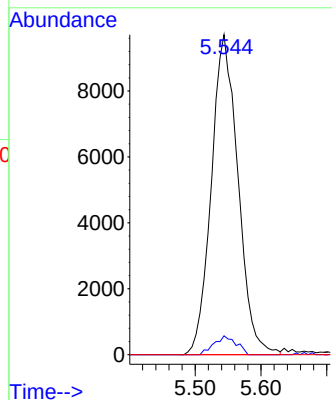
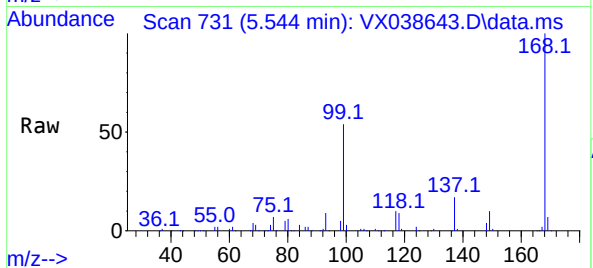




#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

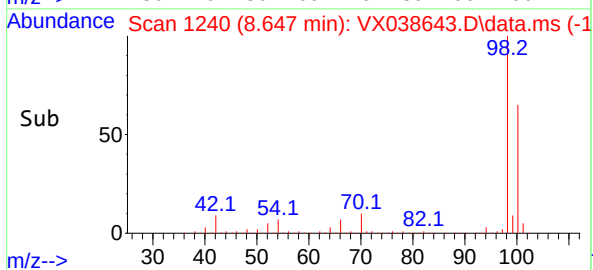
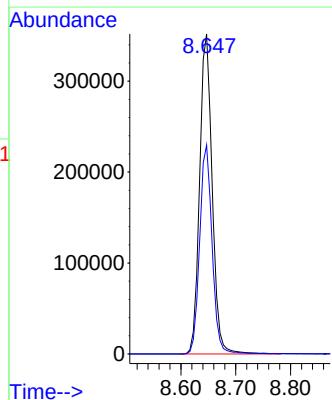
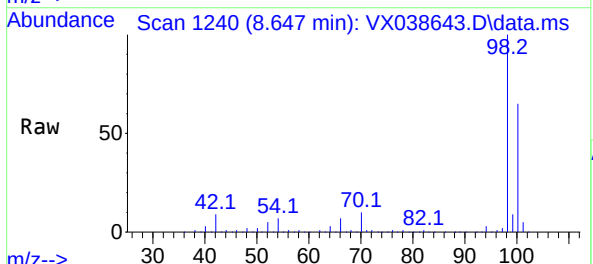
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

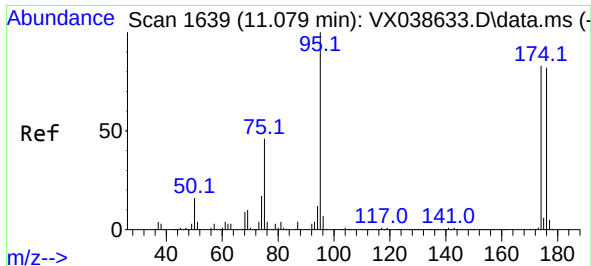
Tgt Ion:117 Resp: 27448
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.802 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 98 Resp: 561160
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

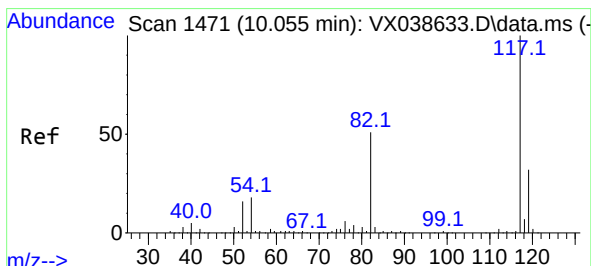
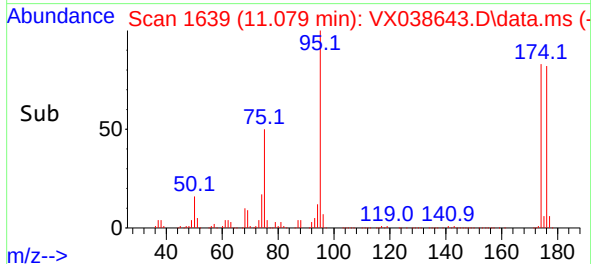
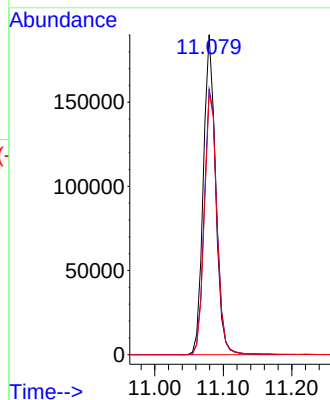
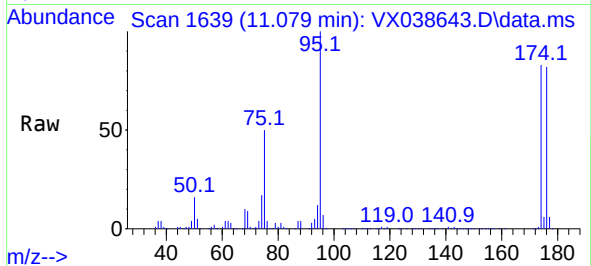




#62
4-Bromofluorobenzene
Concen: 49.886 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

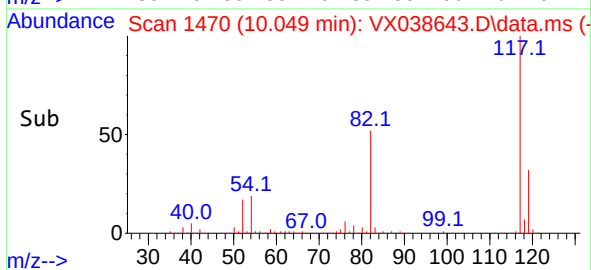
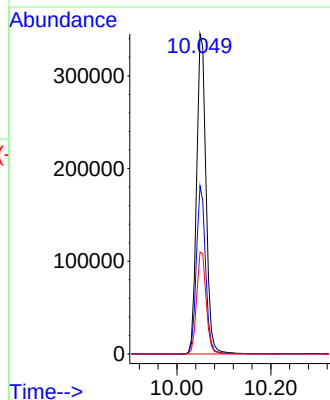
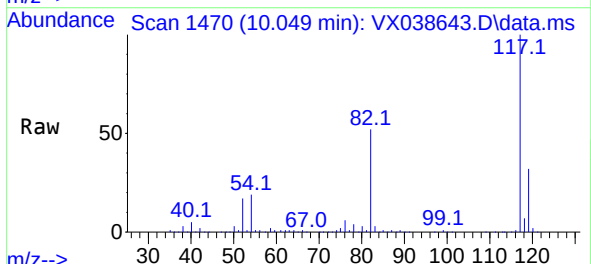
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

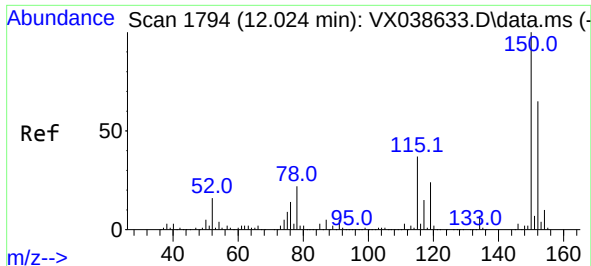
Tgt Ion: 95 Resp: 236966
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 83.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 117 Resp: 484206
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 31.9 25.5 38.3

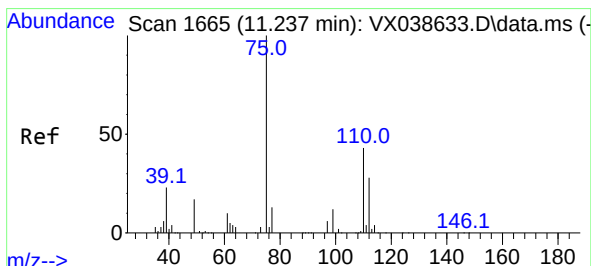
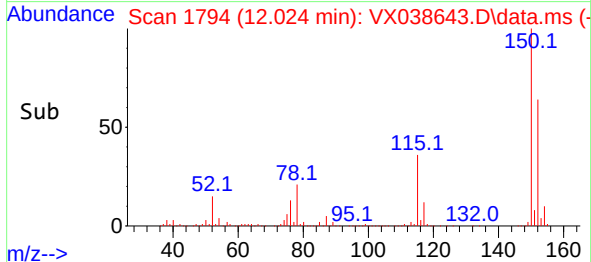
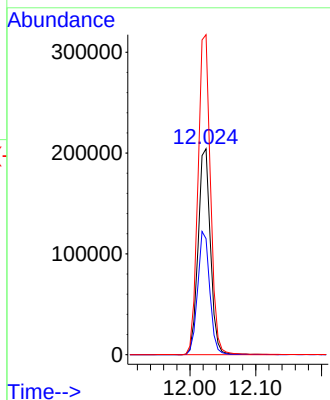
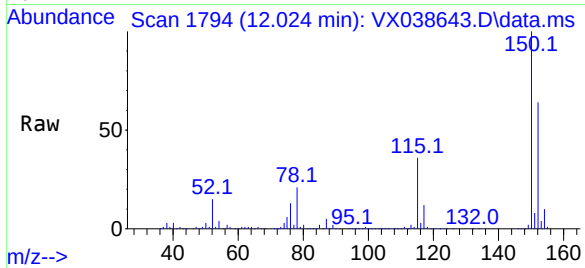




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

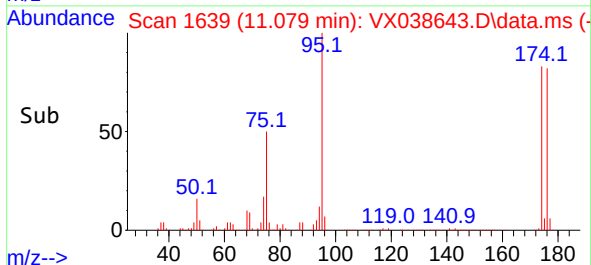
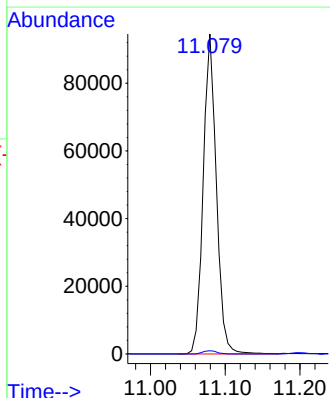
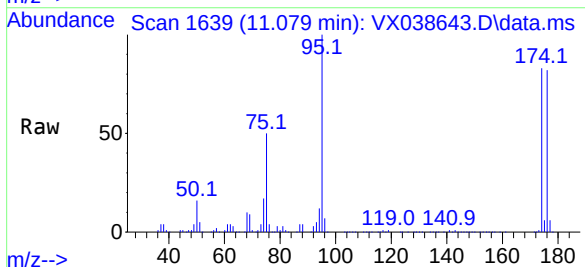
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

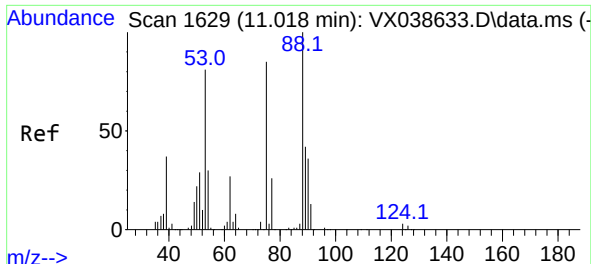
Tgt Ion:152 Resp: 265457
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 158.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion: 75 Resp: 115406
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

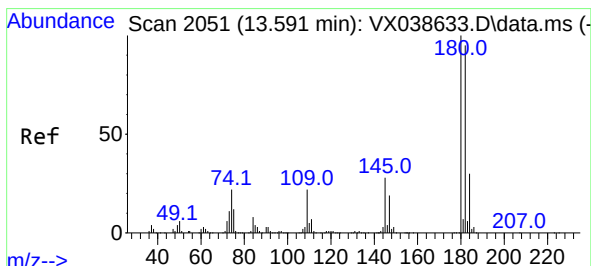
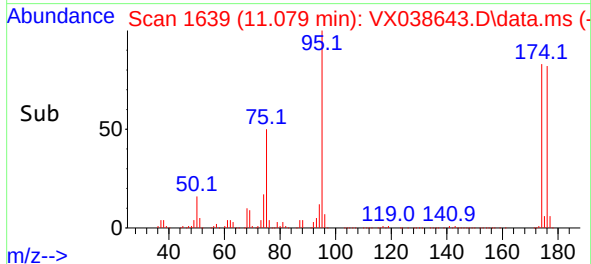
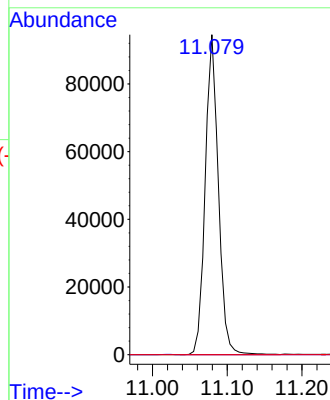
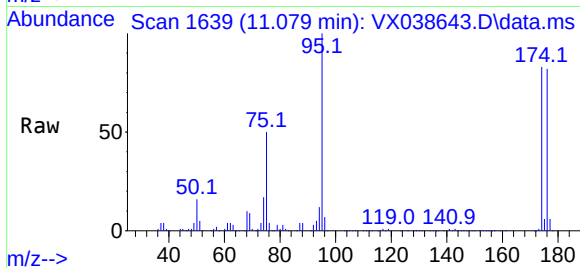




#81
trans-1,4-Dichloro-2-butene
Concen: 66.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

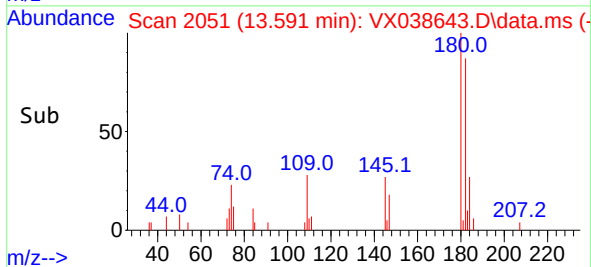
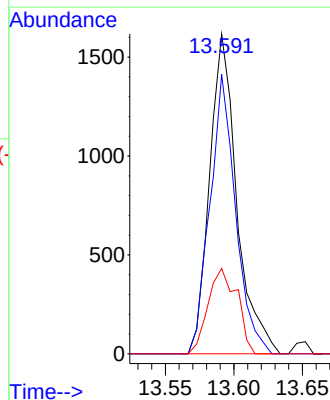
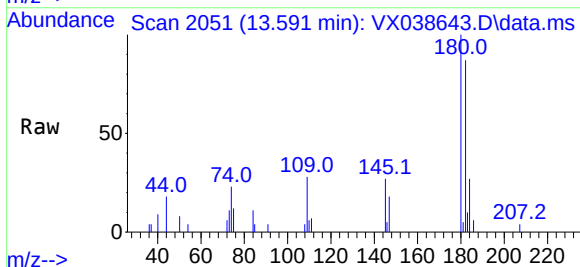
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

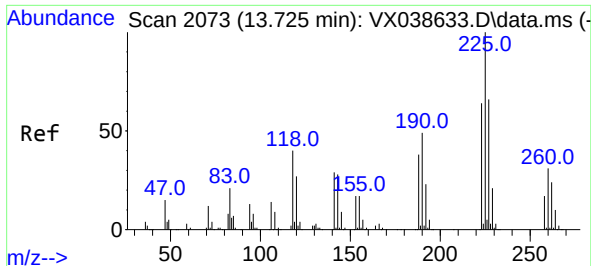
Tgt Ion: 75 Resp: 115406
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.373 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

Tgt Ion:180 Resp: 2228
Ion Ratio Lower Upper
180 100
182 82.5 48.3 144.8
145 28.5 18.0 54.0

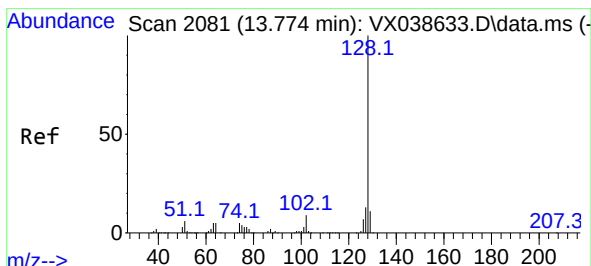
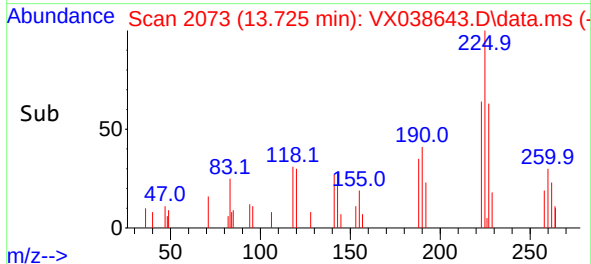
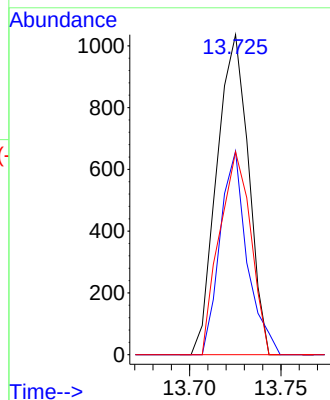
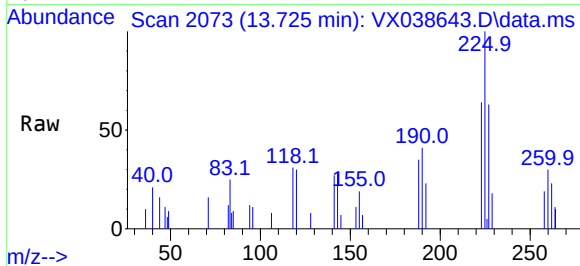




#94
Hexachlorobutadiene
Concen: 0.484 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

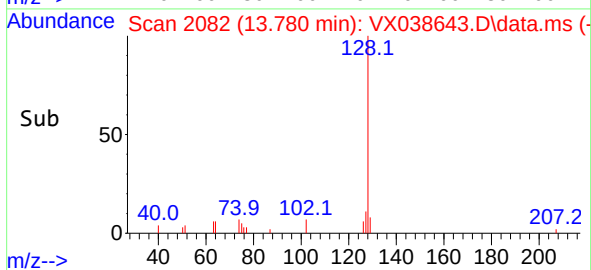
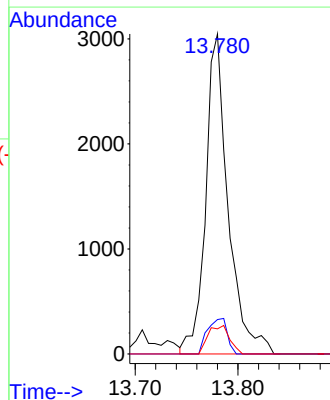
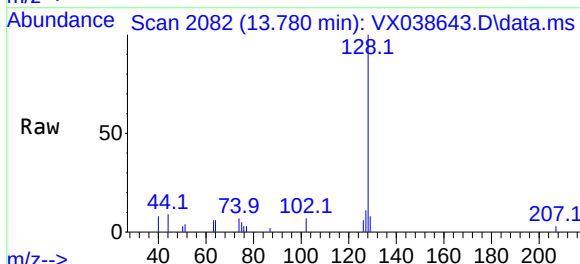
Instrument :
MSVOA_X
ClientSampleId :
VX1108MBL01

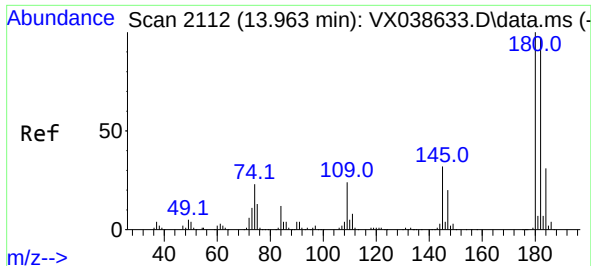
Tgt Ion:	225	Resp:	1246
Ion	Ratio	Lower	Upper
225	100		
223	54.7	31.1	93.2
227	62.6	32.5	97.5



#95
Naphthalene
Concen: 0.257 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038643.D
Acq: 08 Nov 2023 09:41

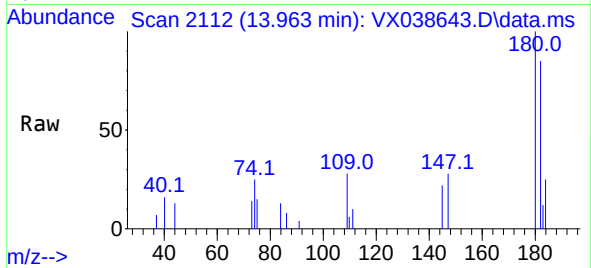
Tgt Ion:	128	Resp:	4621
Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.3	15.5#
129	8.5	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX038643.D
 Acq: 08 Nov 2023 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108MBL01



Tgt Ion:	180	Resp:	1739
Ion	Ratio	Lower	Upper
180	100		
182	86.1	46.9	140.6
145	30.0	17.8	53.5

