

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037213.D
 Acq On : 24 Aug 2023 13:53
 Operator : JC/MD
 Sample : 04077-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230817

Quant Time: Aug 24 23:38:40 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)

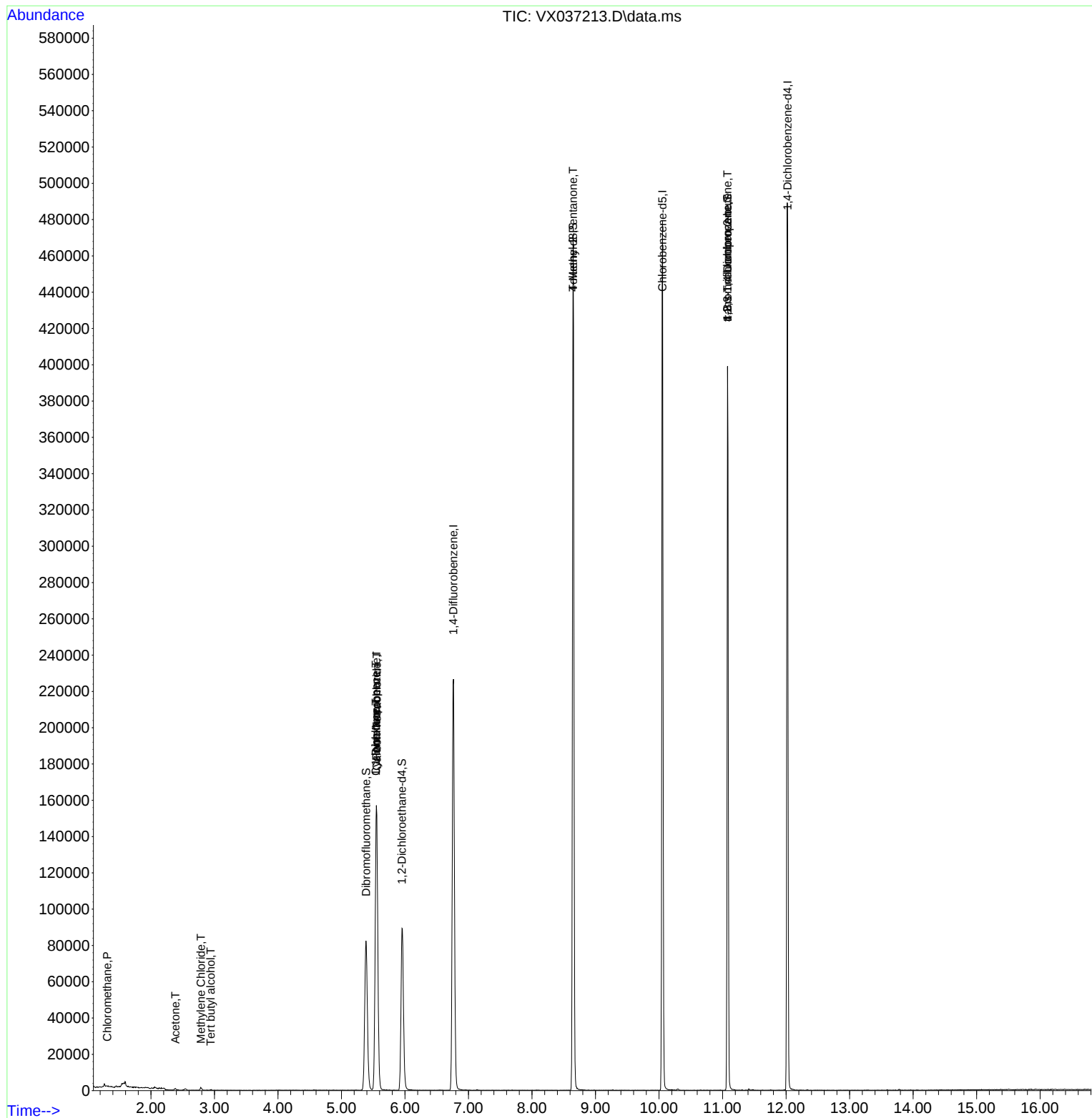
Internal Standards						
1) Pentafluorobenzene	5.550	168	145872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92509	43.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.980%
35) Dibromofluoromethane	5.385	113	73770	46.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	283636	49.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.079	95	109715	48.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	736	0.496	ug/l	95
11) Tert butyl alcohol	2.940	59	152	0.308	ug/l #	78
16) Acetone	2.386	43	1174	1.427	ug/l	97
20) Methylene Chloride	2.788	84	711	0.386	ug/l #	82
31) Cyclohexane	5.544	56	3038	1.285	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11542	5.133	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15826	6.479	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1067	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56411	25.811	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56411	72.090	ug/l #	5

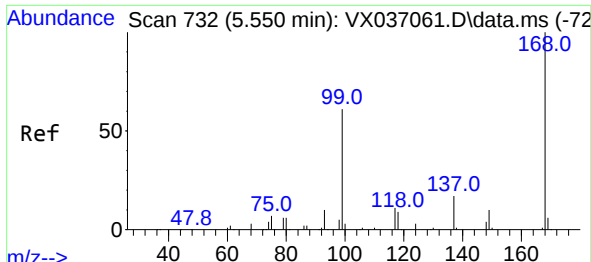
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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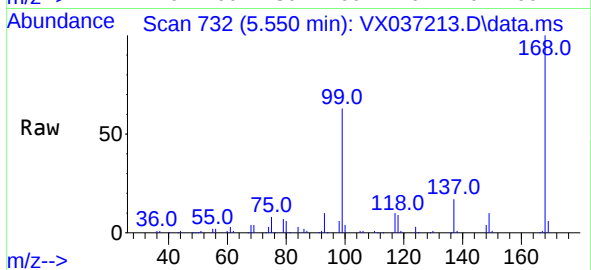
Quant Time: Aug 24 23:38:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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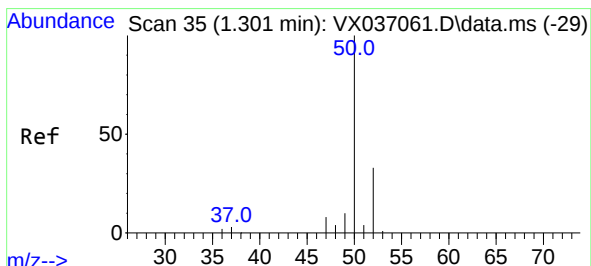
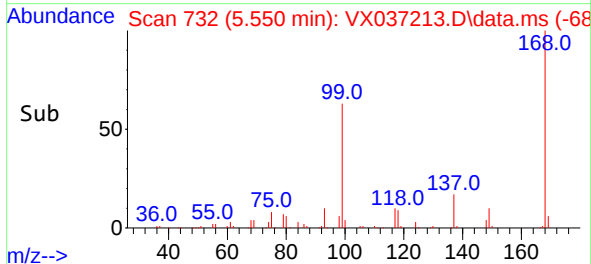
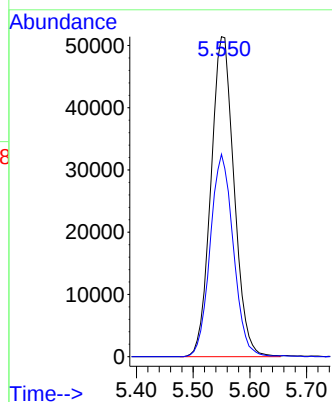


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

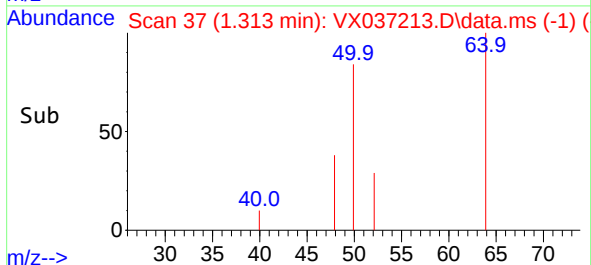
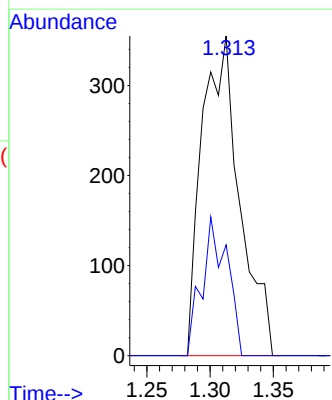
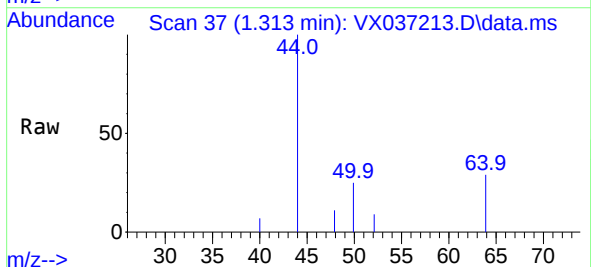


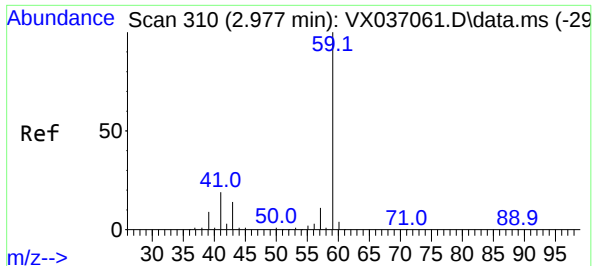
Tgt Ion:168 Resp: 145872
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#3
Chloromethane
Concen: 0.496 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3





#11

Tert butyl alcohol

Concen: 0.308 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX037213.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

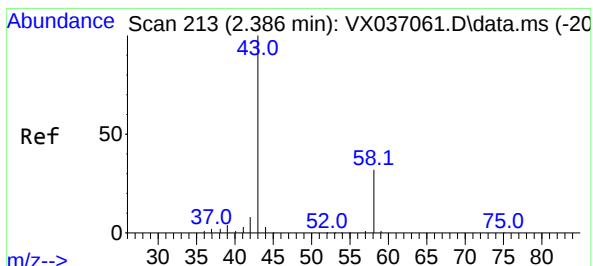
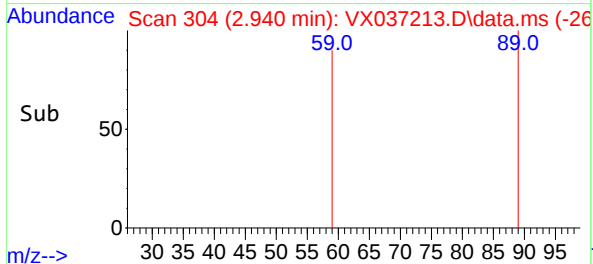
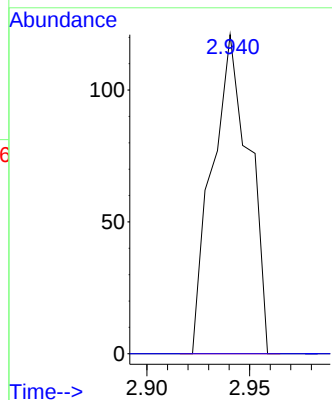
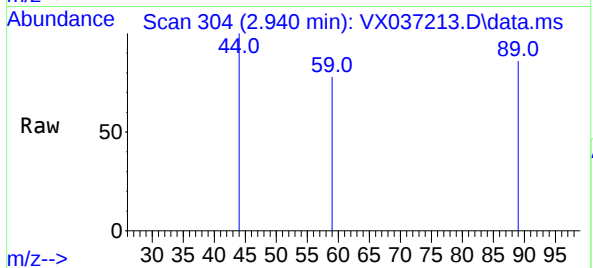
TB03-20230817

Tgt Ion: 59 Resp: 152

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.427 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037213.D

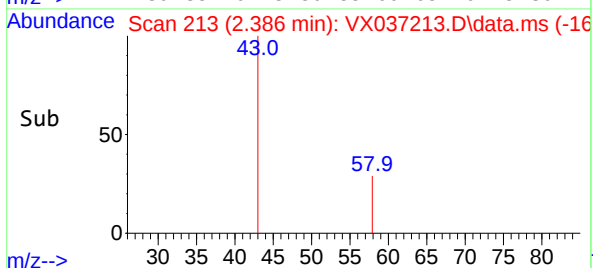
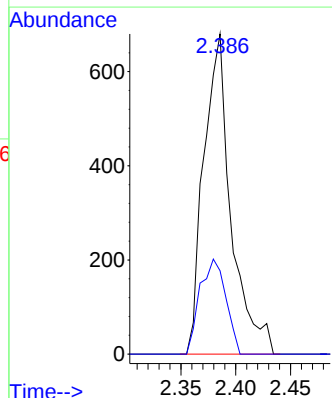
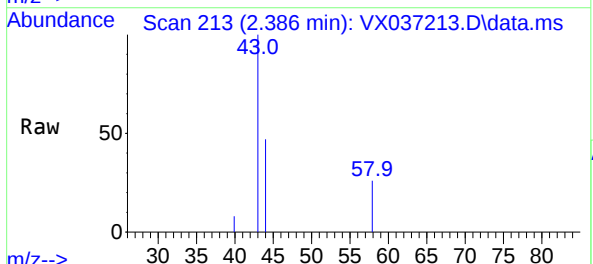
Acq: 24 Aug 2023 13:53

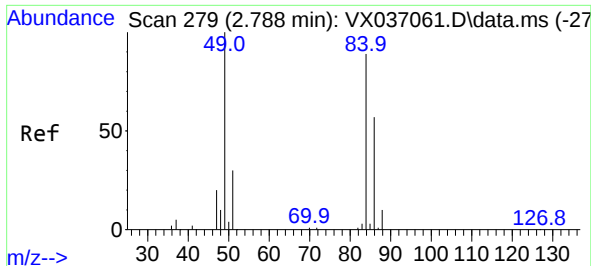
Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

43 100

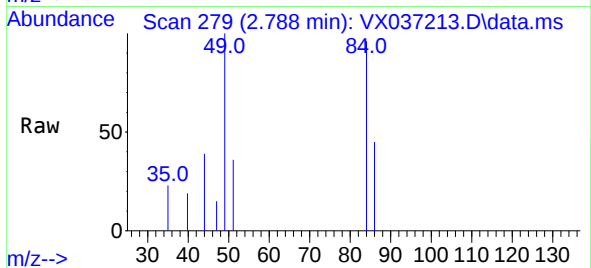
58 26.0 21.9 32.9





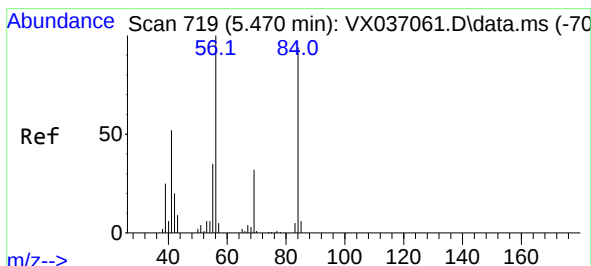
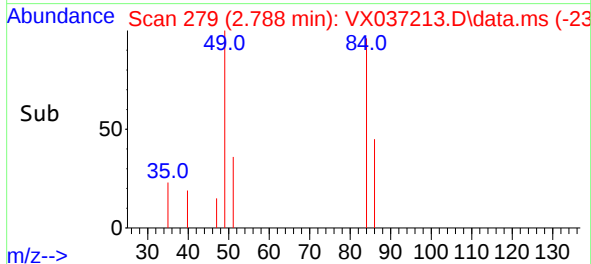
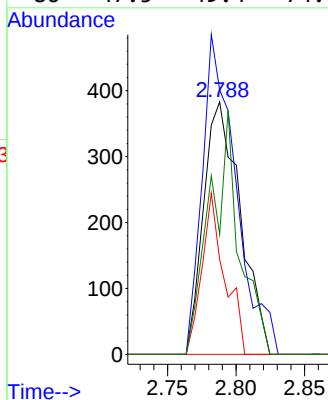
#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817



Tgt Ion: 84 Resp: 711

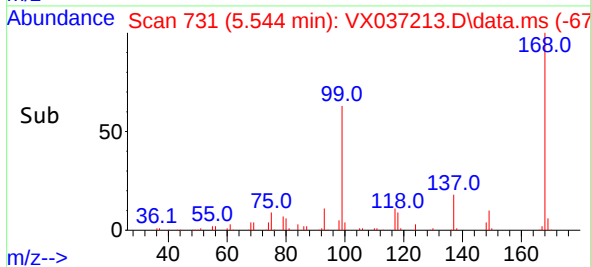
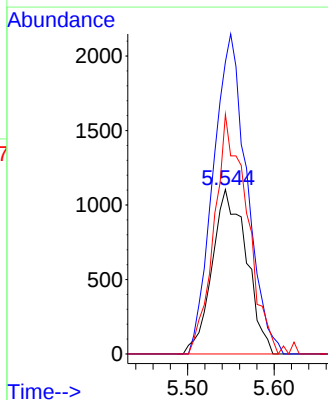
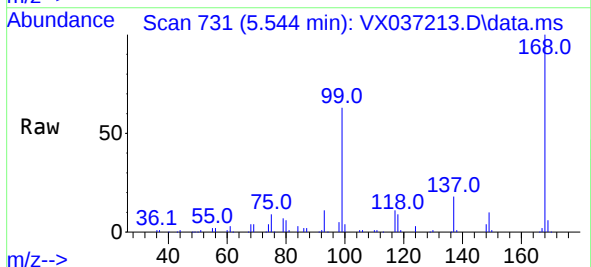
Ion	Ratio	Lower	Upper
84	100		
49	104.7	103.6	155.4
51	37.6	33.8	50.6
86	47.5	49.4	74.0#

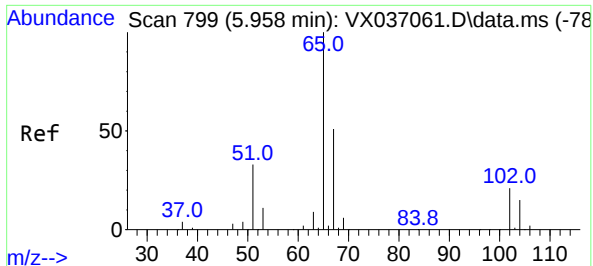


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 56 Resp: 3038

Ion	Ratio	Lower	Upper
56	100		
69	177.5	23.4	35.2#
84	145.7	65.9	98.9#

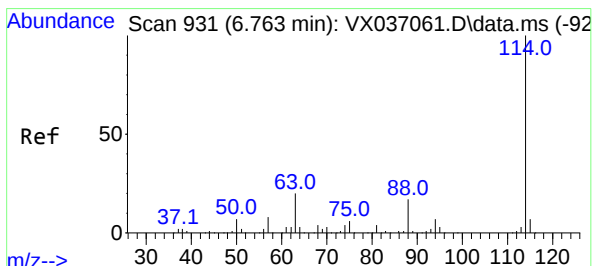
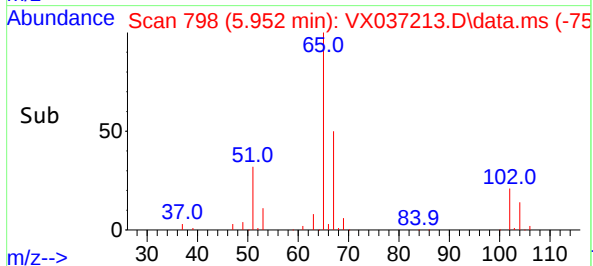
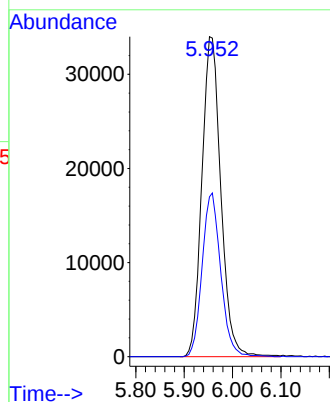
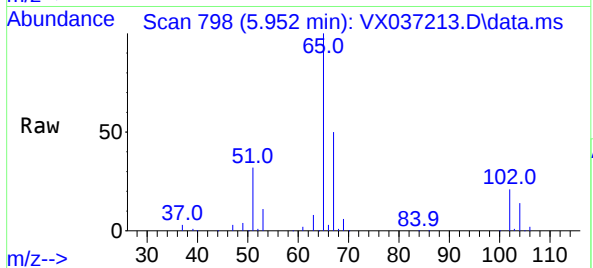




#33
1,2-Dichloroethane-d4
Concen: 43.989 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

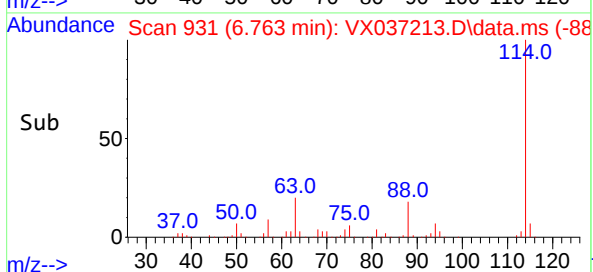
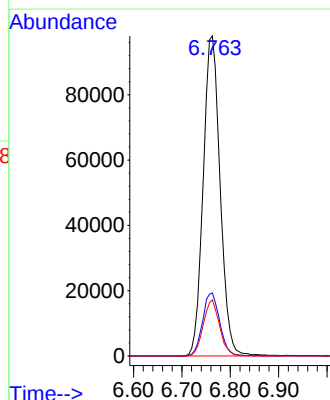
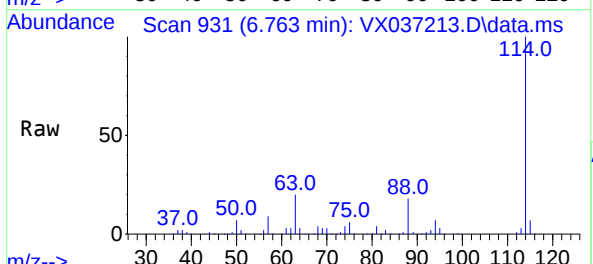
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

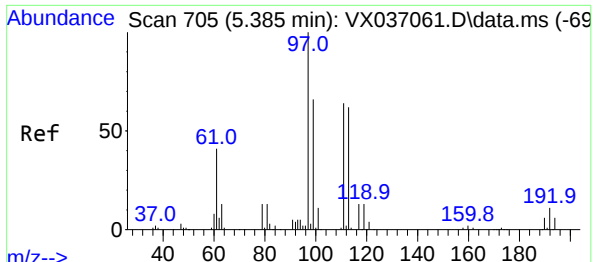
Tgt Ion: 65 Resp: 92509
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 114 Resp: 238980
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 17.6 0.0 36.6



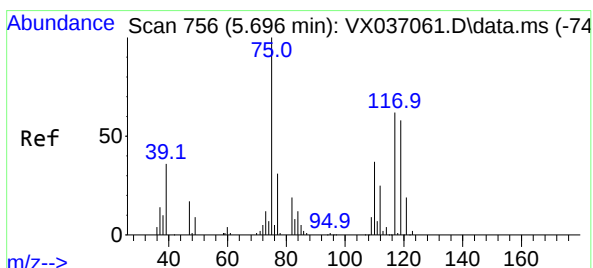
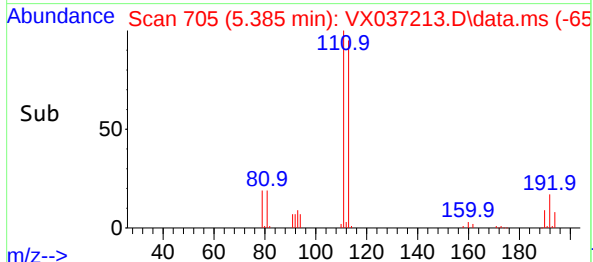
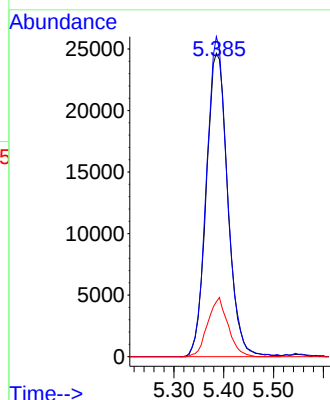
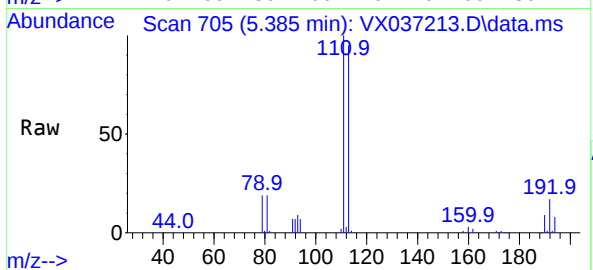


#35
Dibromofluoromethane
Concen: 46.610 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

Tgt Ion:113 Resp: 73770

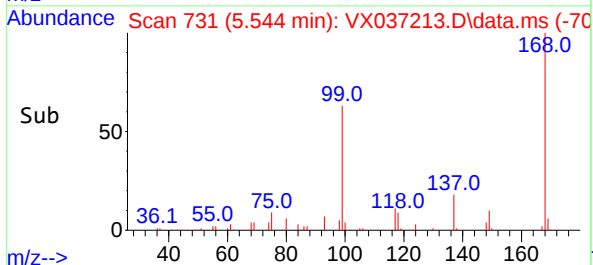
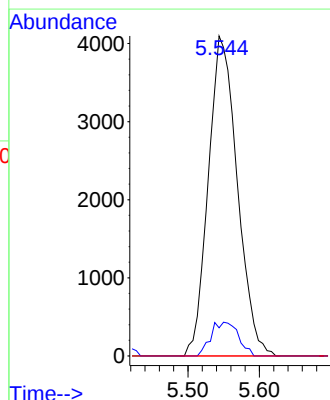
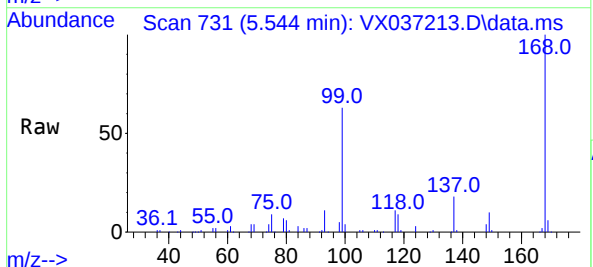
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	18.4	13.3	19.9

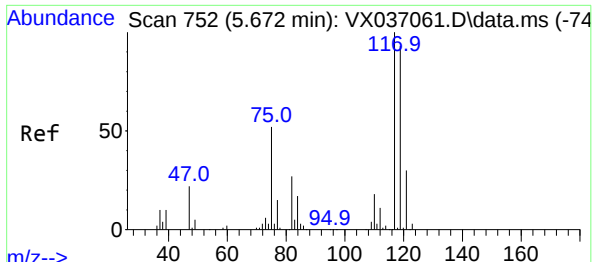


#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 75 Resp: 11542

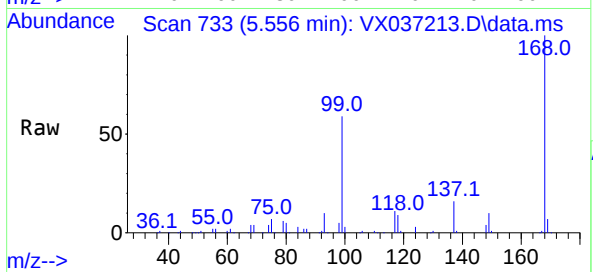
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#



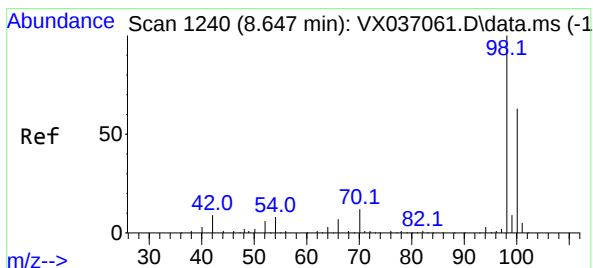
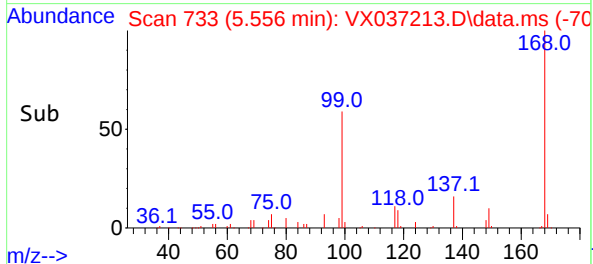
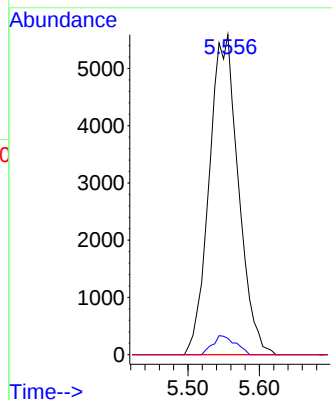


#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
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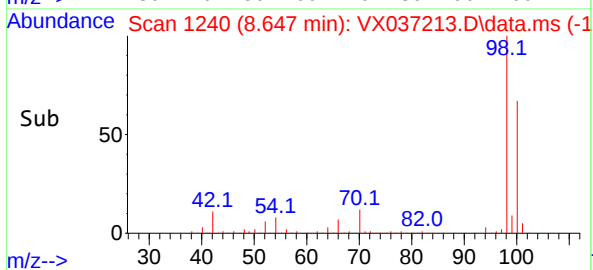
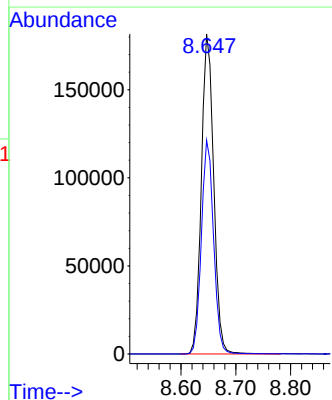
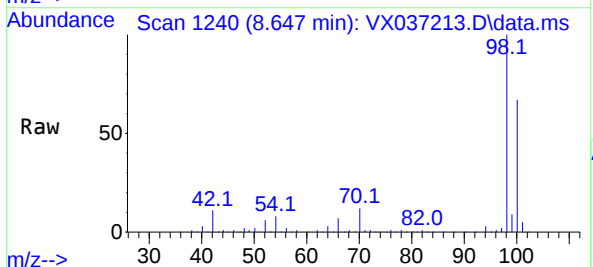


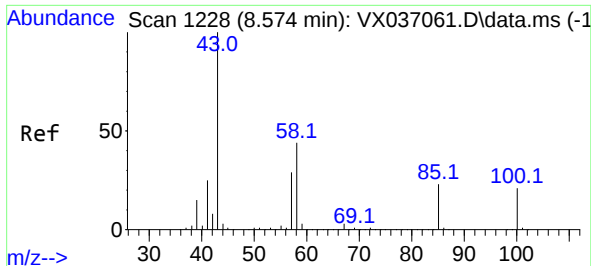
Tgt Ion:117 Resp: 15826
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 98 Resp: 283636
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

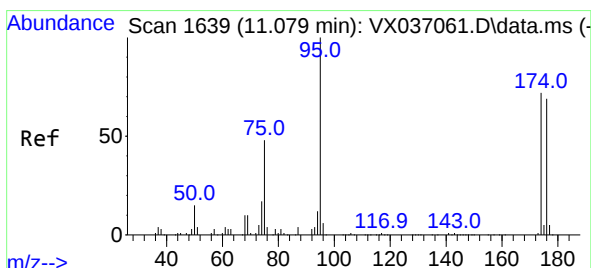
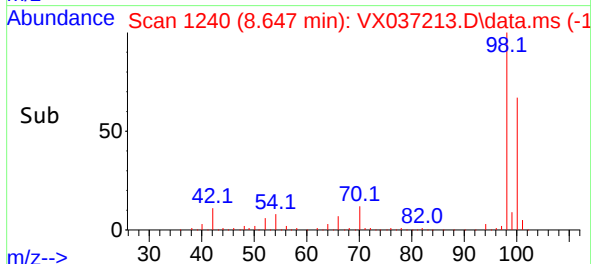
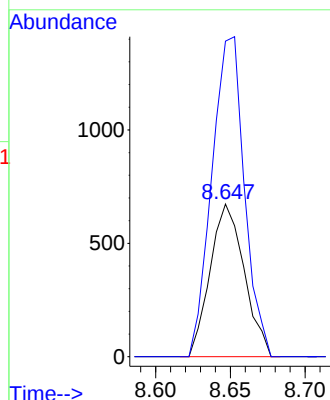
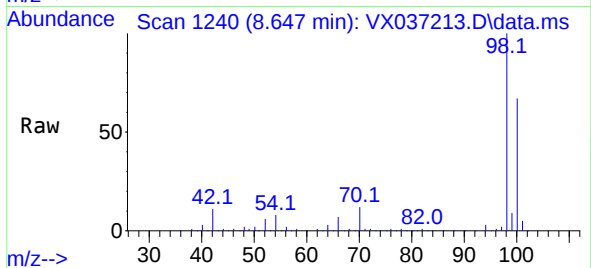




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

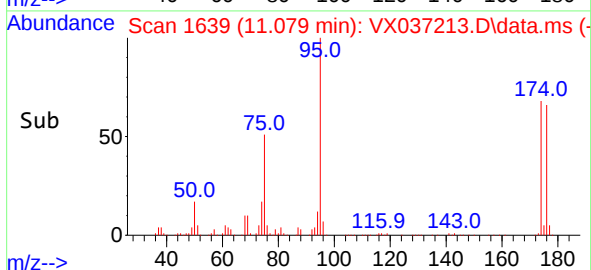
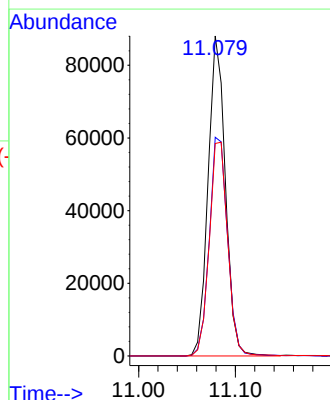
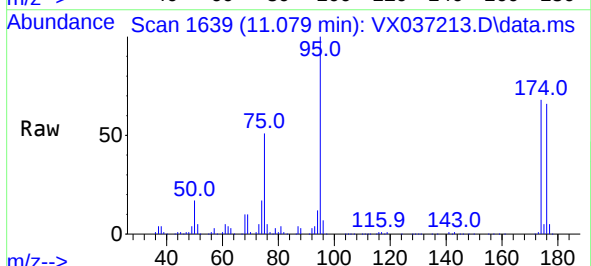
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

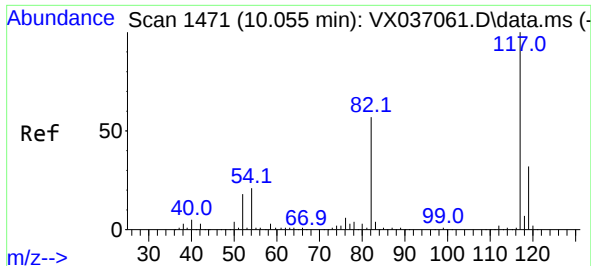
Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 200.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 95 Resp: 109715
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.0 0.0 131.0

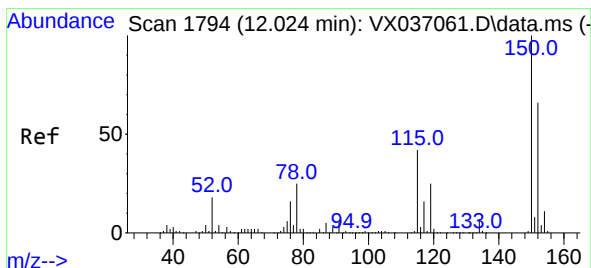
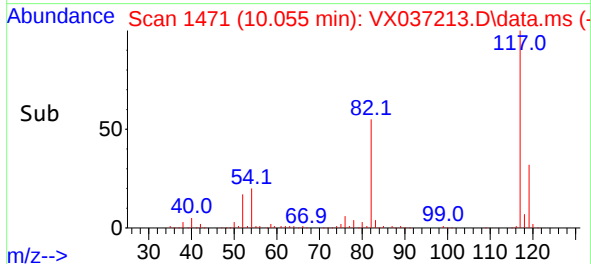
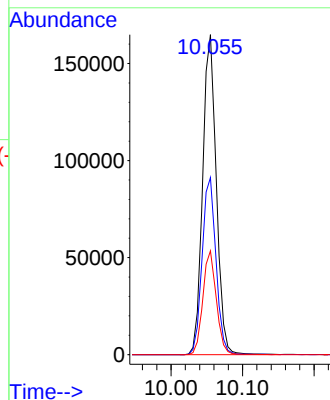
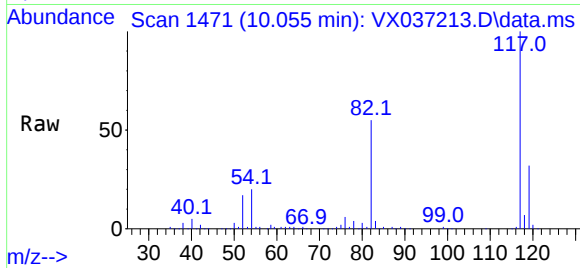




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

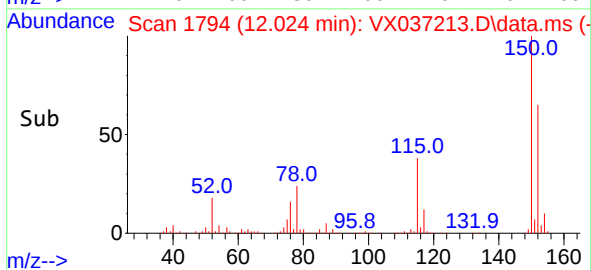
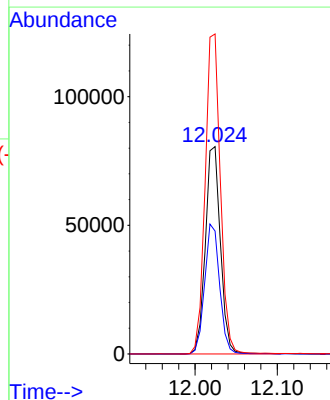
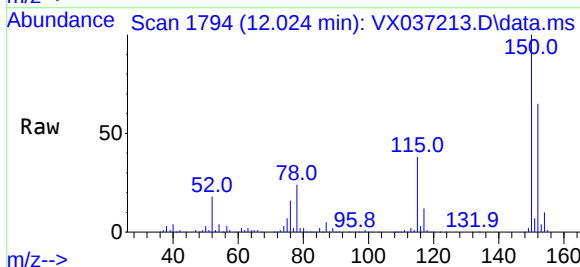
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

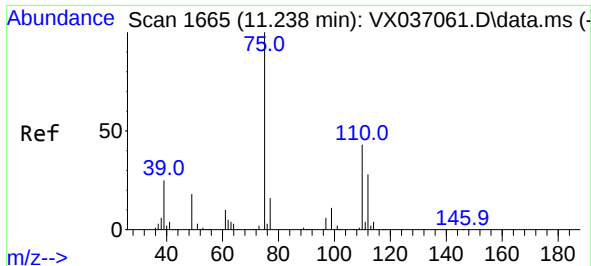
Tgt Ion:117 Resp: 219035
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion:152 Resp: 102625
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 156.0 0.0 345.0

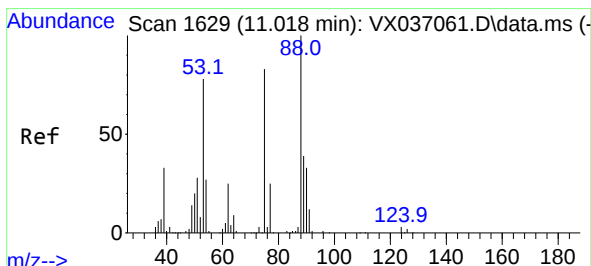
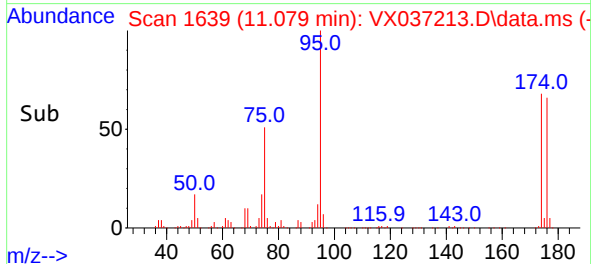
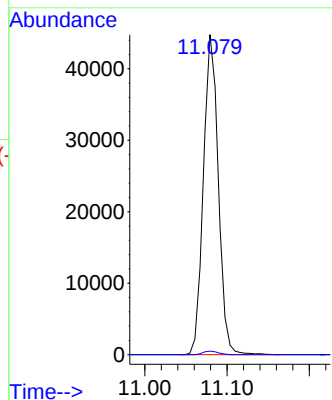
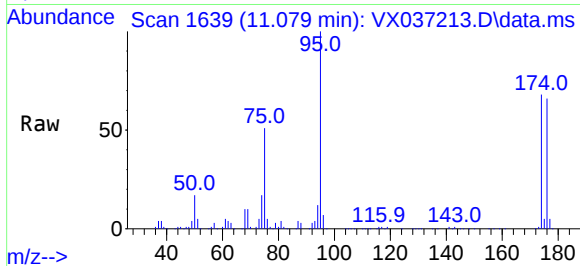




#76
1,2,3-Trichloropropane
Concen: 25.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

Tgt Ion: 75 Resp: 56411
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 75 Resp: 56411
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

