

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035881.D
 Acq On : 26 May 2023 03:36
 Operator : JC/MD
 Sample : 02908-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP02

Quant Time: May 26 09:23:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

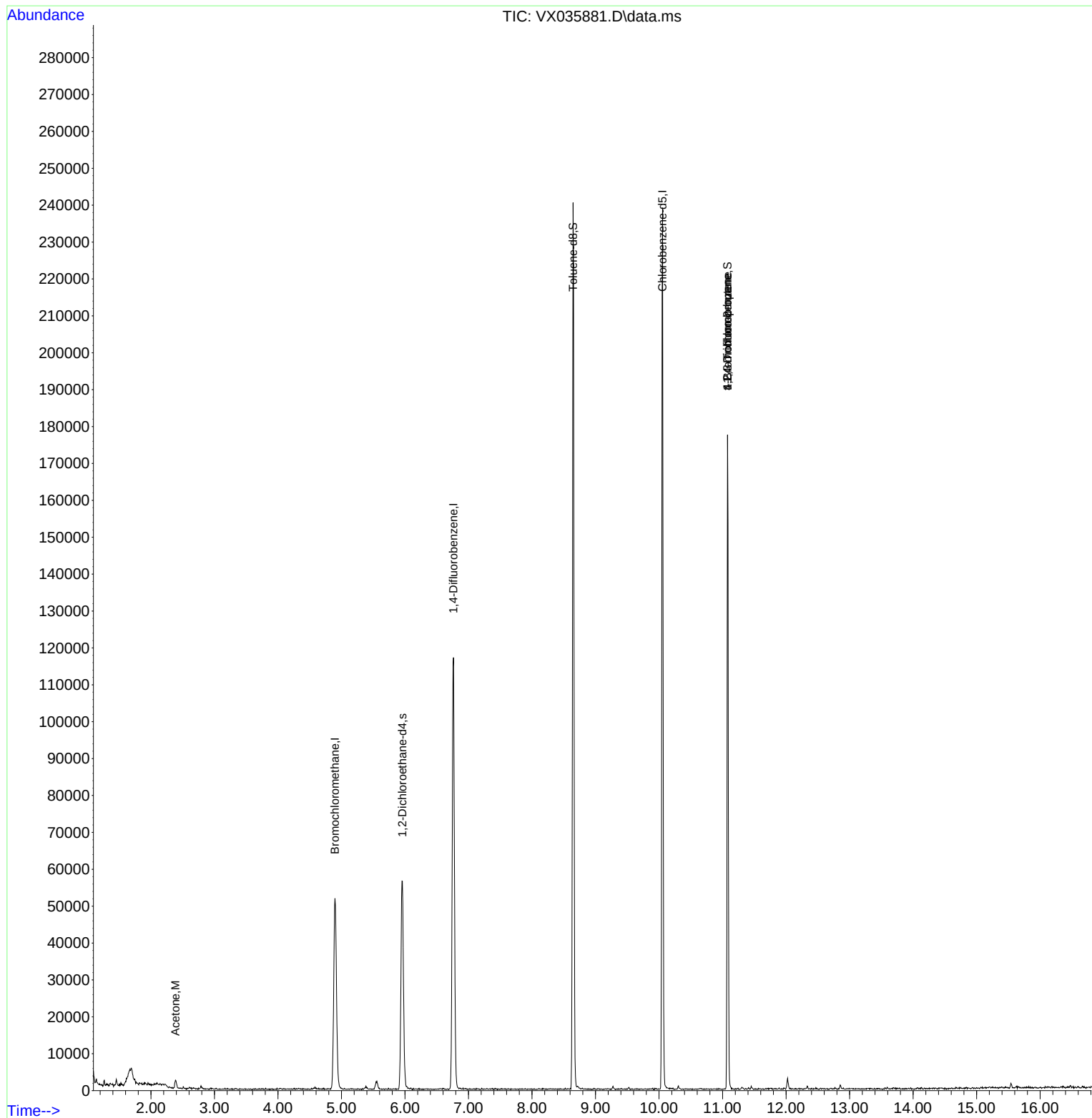
Internal Standards						
1) Bromochloromethane	4.897	128	21045	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	117123	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102127	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	55998	32.024	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.733%
60) 4-Bromofluorobenzene	11.079	95	45133	26.337	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.800%
63) Toluene-d8	8.647	98	139184	30.828	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.767%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	762	3.409	ug/l #	40
72) 1,2,3-Trichloropropane	11.079	75	24468	13.954	ug/l	40
77) t-1,4-Dichloro-2-butene	11.079	75	24468	46.256	ug/l #	4

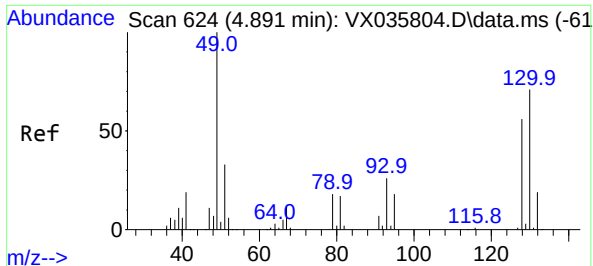
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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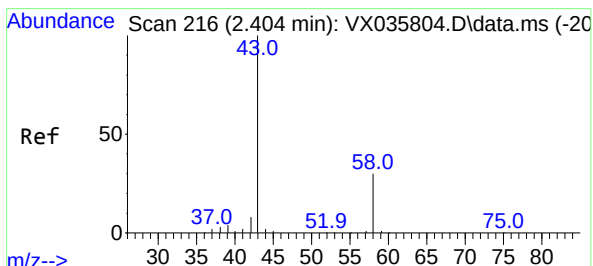
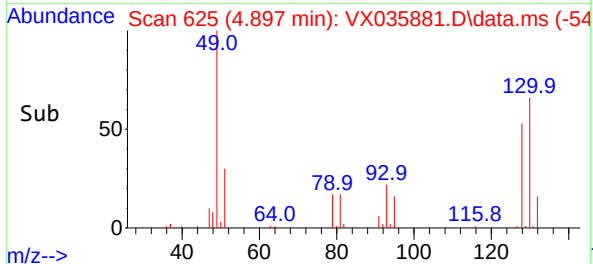
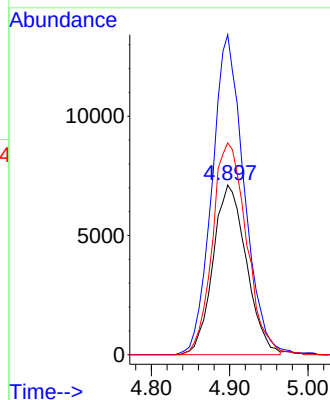
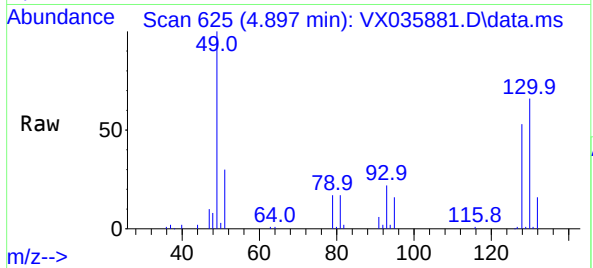




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

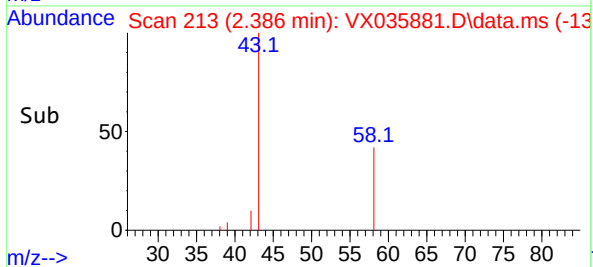
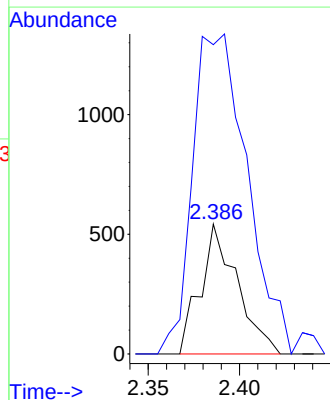
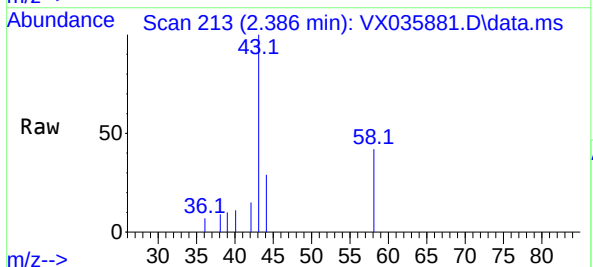
Instrument :
MSVOA_X
ClientSampleId :
TWP02

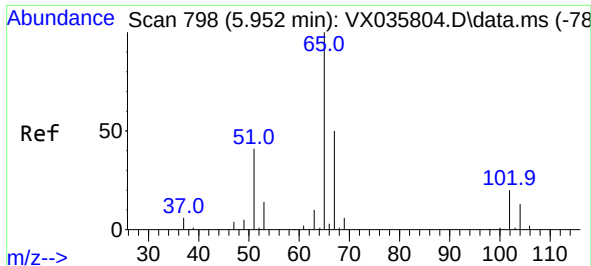
Tgt Ion:128 Resp: 21045
Ion Ratio Lower Upper
128 100
49 181.8 0.0 428.8
130 128.1 0.0 310.8



#15
Acetone
Concen: 3.409 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

Tgt Ion: 58 Resp: 762
Ion Ratio Lower Upper
58 100
43 211.4 270.8 406.2#

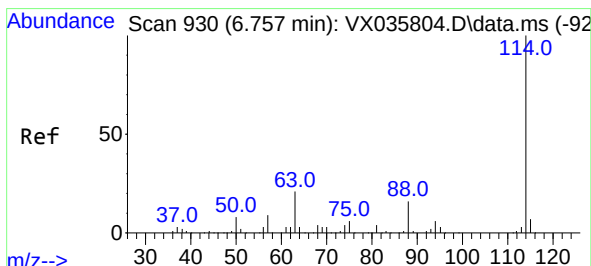
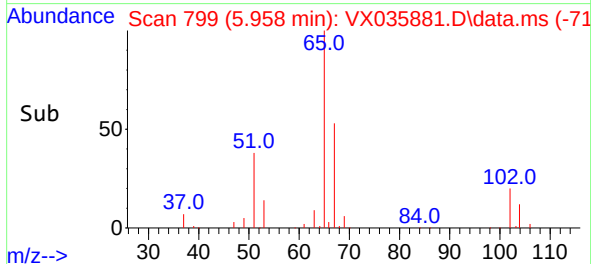
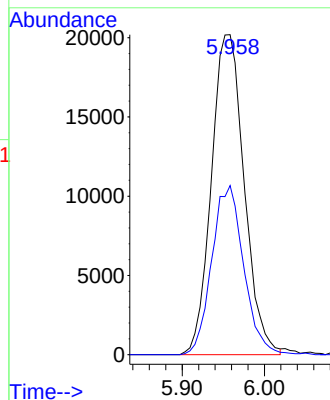
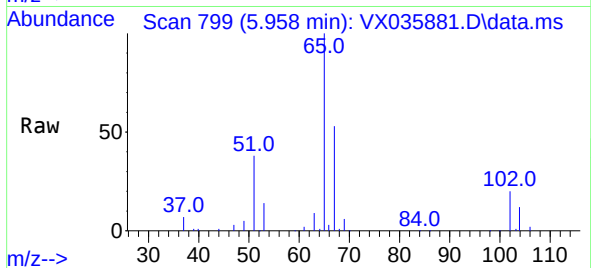




#27
1,2-Dichloroethane-d4
Concen: 32.024 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

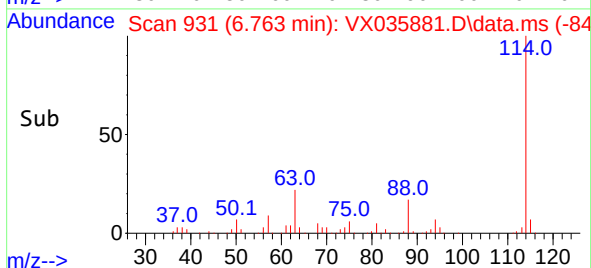
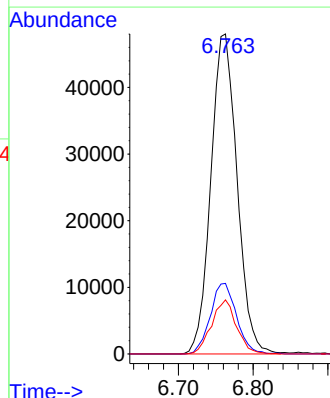
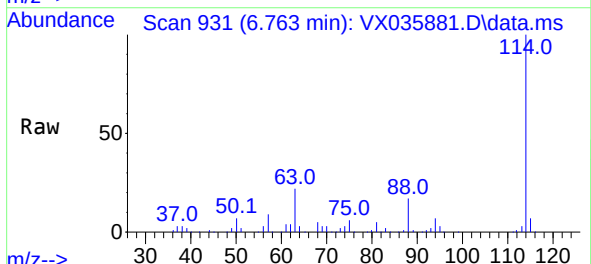
Instrument :
MSVOA_X
ClientSampleId :
TWP02

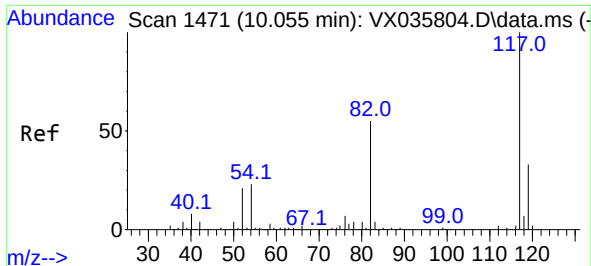
Tgt Ion: 65 Resp: 55998
Ion Ratio Lower Upper
65 100
67 51.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

Tgt Ion: 114 Resp: 117123
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.1 13.3 19.9

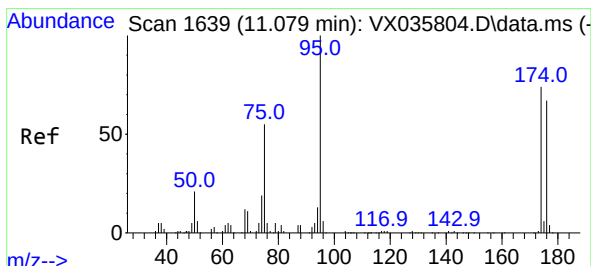
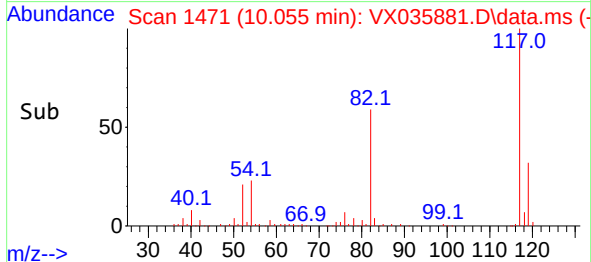
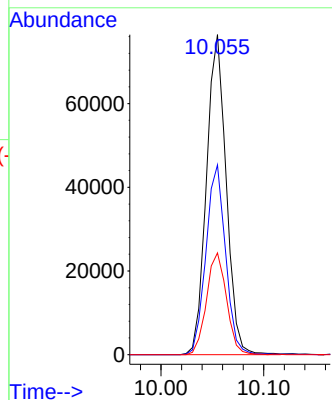
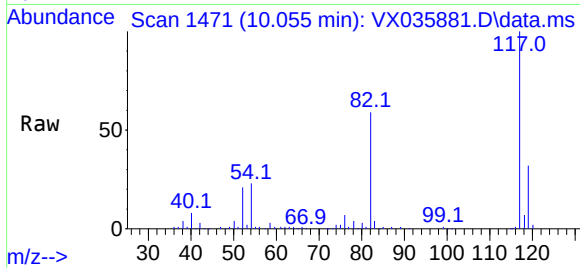




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

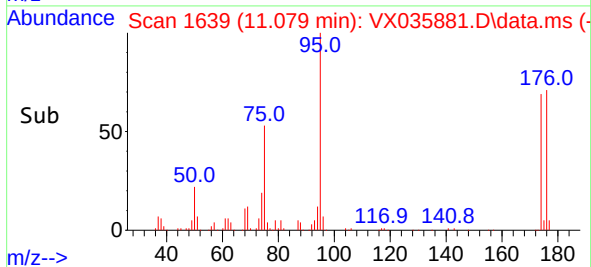
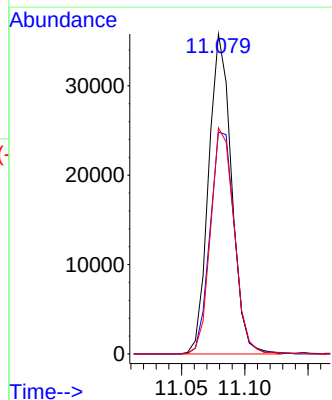
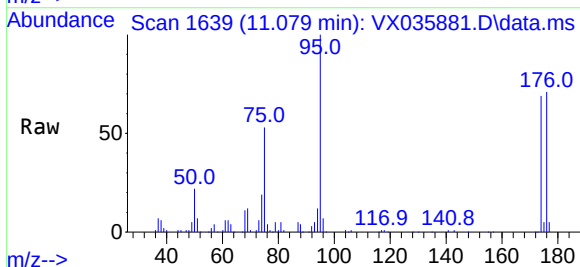
Instrument :
MSVOA_X
ClientSampleId :
TWP02

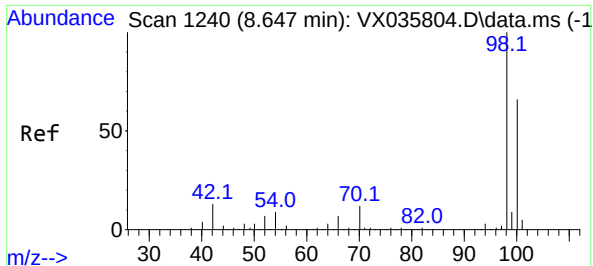
Tgt Ion:117 Resp: 102127
Ion Ratio Lower Upper
117 100
82 58.9 45.8 68.8
119 32.2 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 26.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

Tgt Ion: 95 Resp: 45133
Ion Ratio Lower Upper
95 100
174 74.2 0.2 0.4#
176 72.2 0.2 0.2#

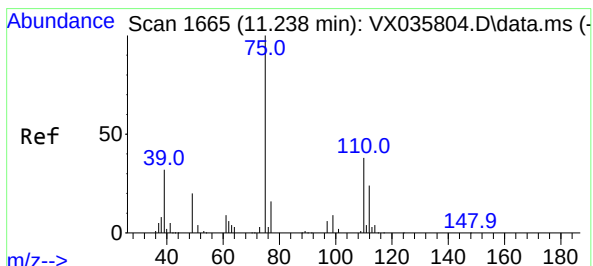
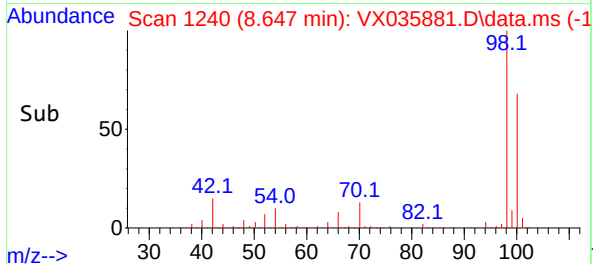
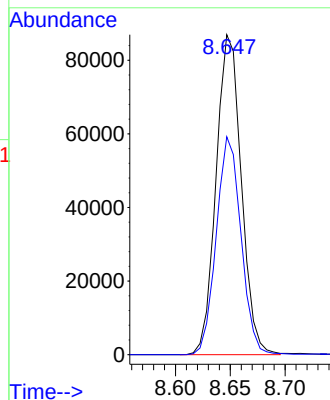
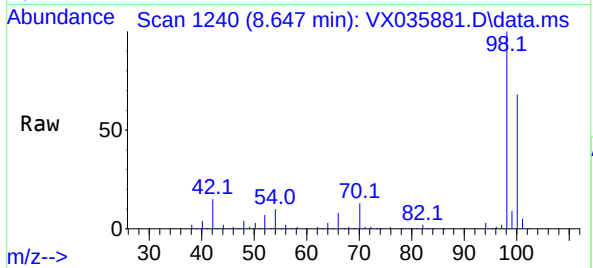




#63
Toluene-d8
Concen: 30.828 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

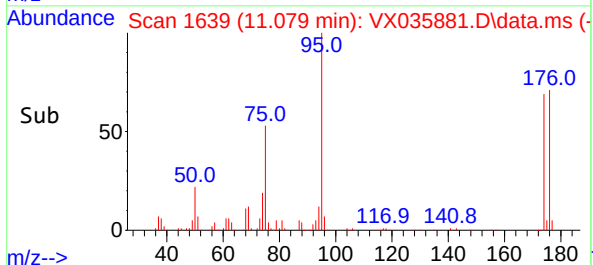
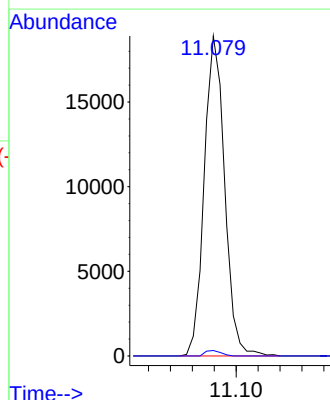
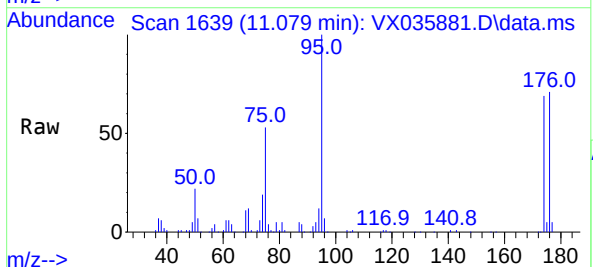
Instrument :
MSVOA_X
ClientSampleId :
TWP02

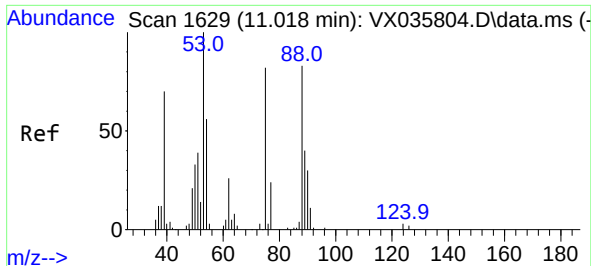
Tgt Ion: 98 Resp: 139184
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1



#72
1,2,3-Trichloropropane
Concen: 13.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

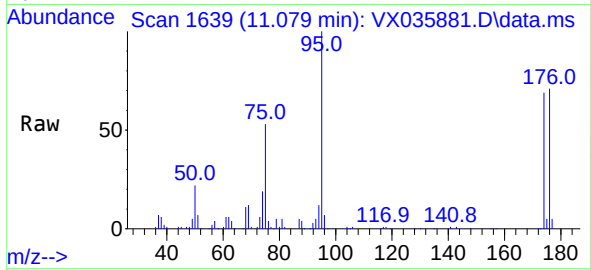
Tgt Ion: 75 Resp: 24468
Ion Ratio Lower Upper
75 100
77 1.3 0.0 73.8





#77
t-1,4-Dichloro-2-butene
Concen: 46.256 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035881.D
Acq: 26 May 2023 03:36

Instrument :
MSVOA_X
ClientSampleId :
TWP02



Tgt Ion: 75 Resp: 24468
Ion Ratio Lower Upper
75 100
53 0.0 58.2 174.6#
89 0.3 20.6 61.8#

