

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014634.D
 Acq On : 16 Jan 2020 13:37
 Operator : JC/SP
 Sample : L1135-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TE-MW-A-1

Quant Time: Jan 17 06:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	70692	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	382996	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	342076	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	156209	31.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.80%
60) 4-Bromofluorobenzene	11.13	95	144082	26.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.73%
63) Toluene-d8	8.71	98	457700	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

Target Compounds

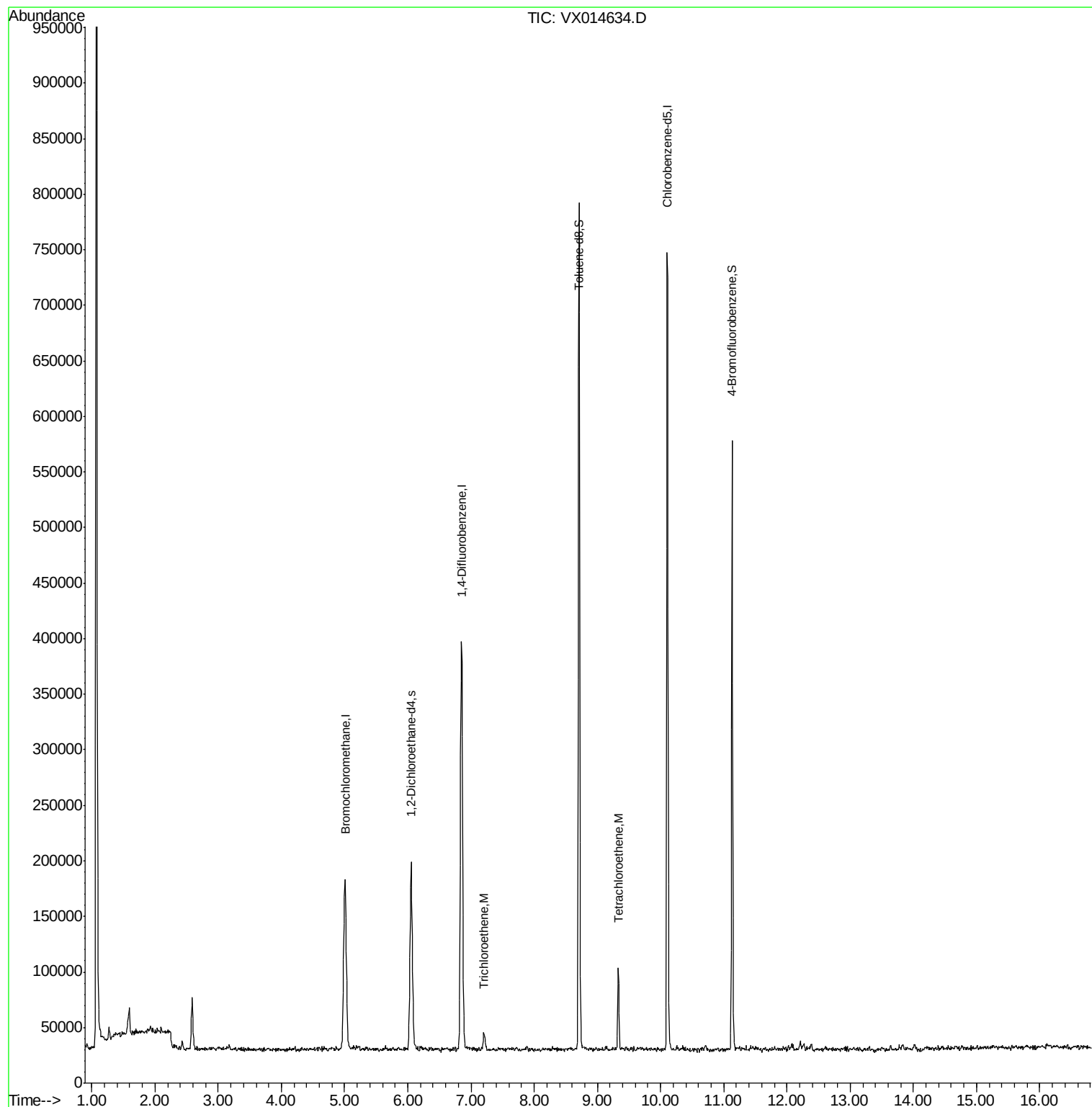
					Ovalue
37) Trichloroethene	7.22	130	6914	1.455 ug/l	83
61) Tetrachloroethene	9.33	164	14845	2.936 ug/l	95

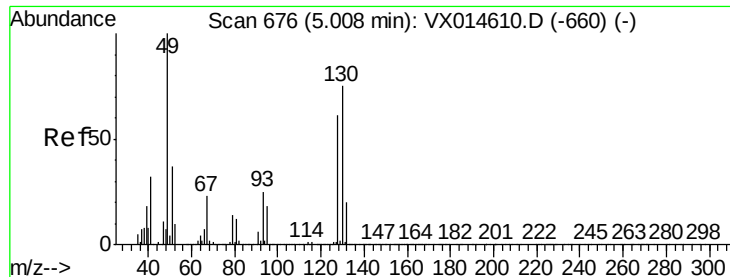
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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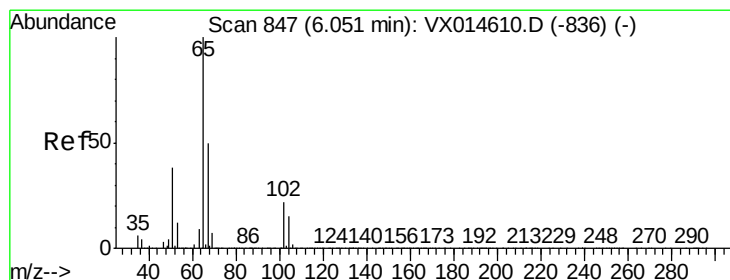
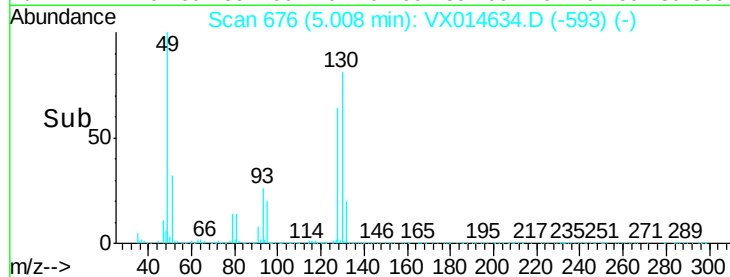
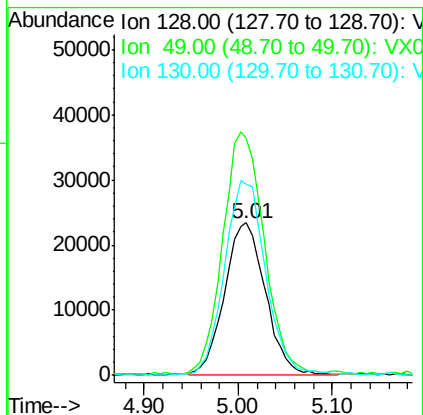
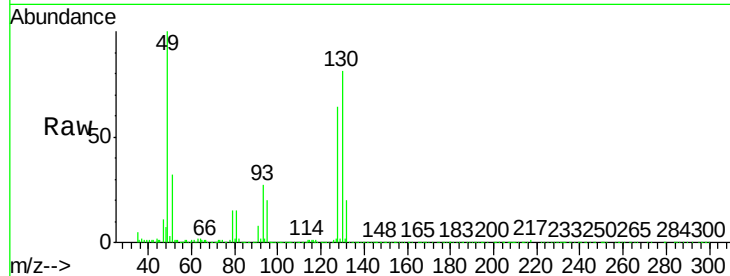


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014634.D
 Acq: 16 Jan 2020 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TE-MW-A-1

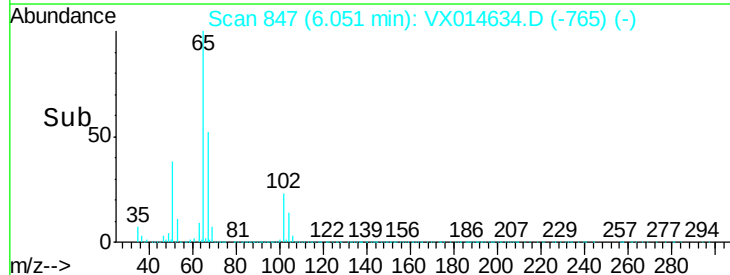
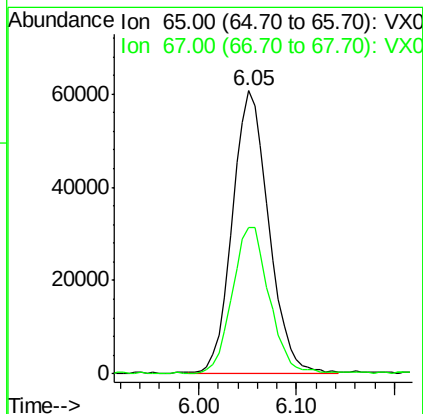
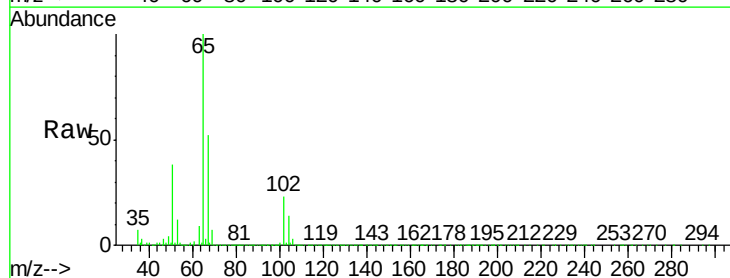
Tot Ion	Ratio	Lower	Upper
128	100		
49	159.4	0.0	405.0
130	129.2	0.0	321.5

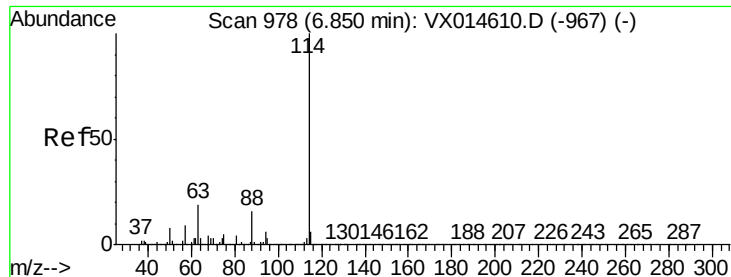


#27

1,2-Dichloroethane-d4
 Concen: 31.438 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014634.D
 Acq: 16 Jan 2020 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	43.1	64.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014634.D

Acq: 16 Jan 2020 13:37

Instrument :

MSVOA_X

ClientSampled :

TE-MW-A-1

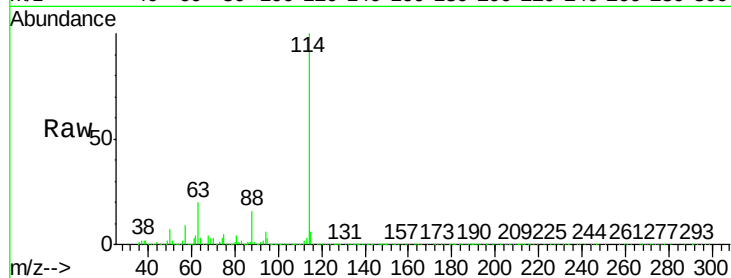
Tot Ion:114 Resp: 382996

Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

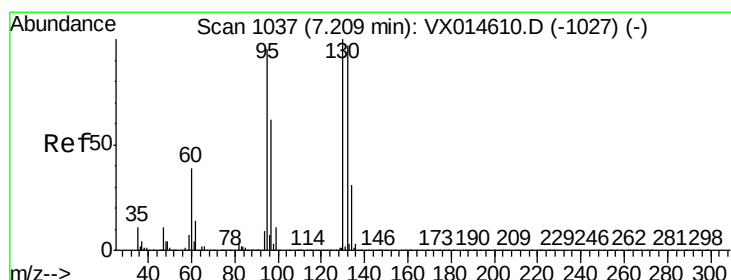
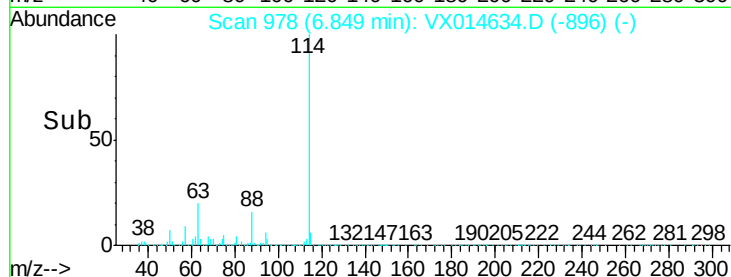
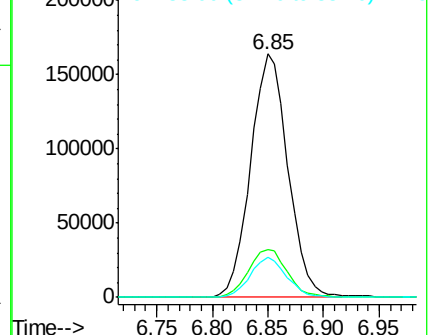
88 16.0 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#37

Trichloroethene

Concen: 1.455 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX014634.D

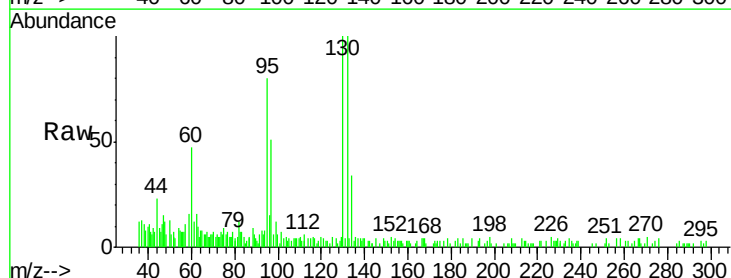
Acq: 16 Jan 2020 13:37

Tgt Ion:130 Resp: 6914

Ion Ratio Lower Upper

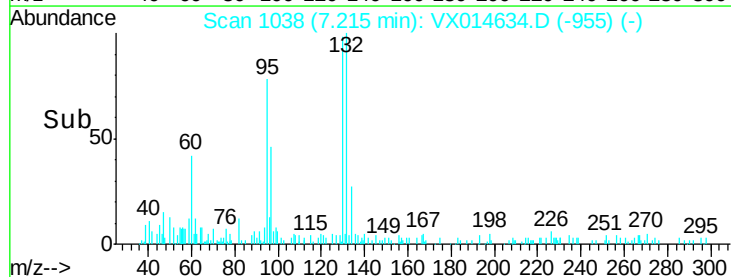
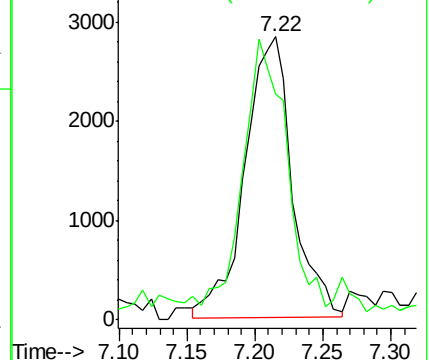
130 100

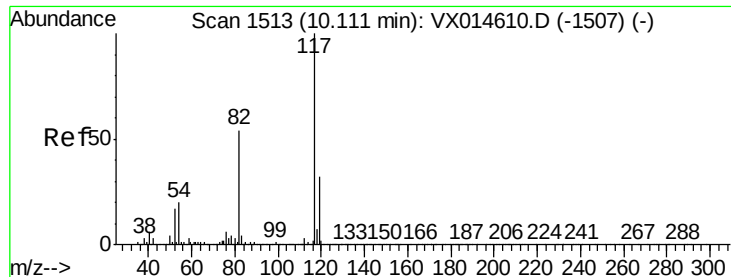
95 73.7 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

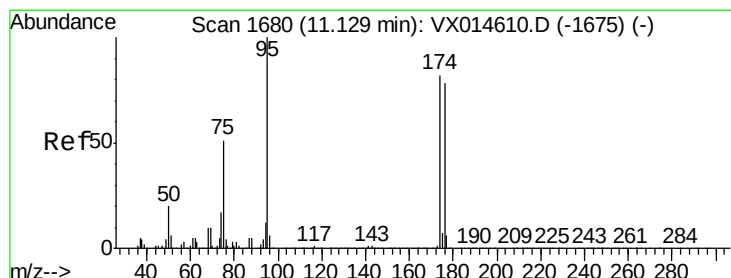
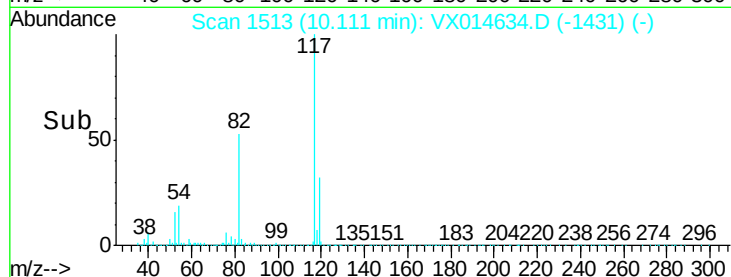
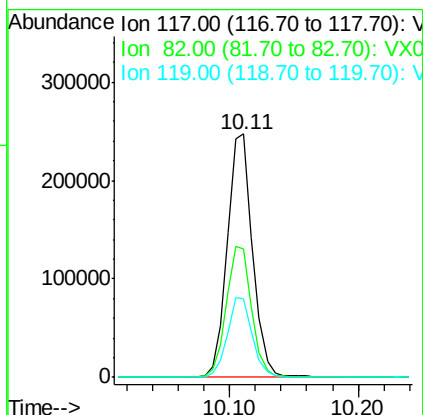
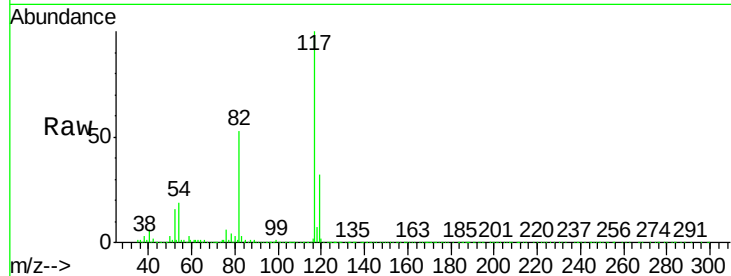




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014634.D
Acq: 16 Jan 2020 13:37

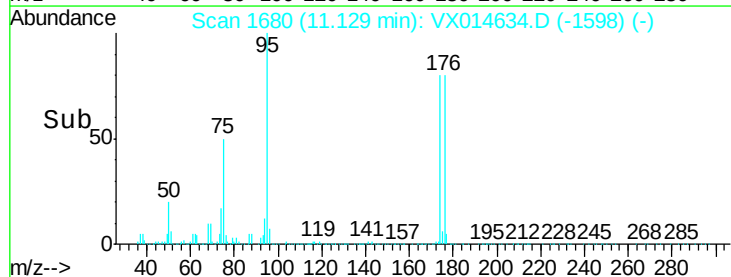
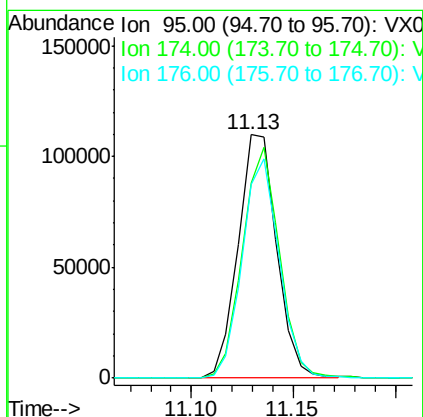
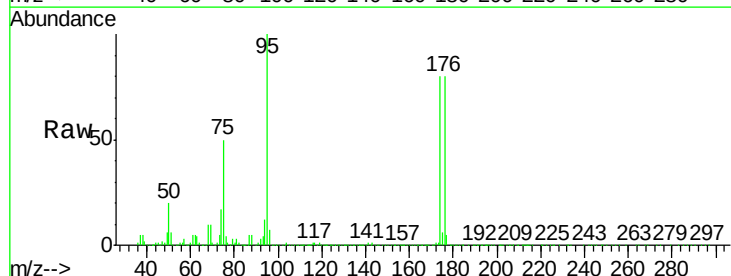
Instrument :
MSVOA_X
ClientSampleId :
TE-MW-A-1

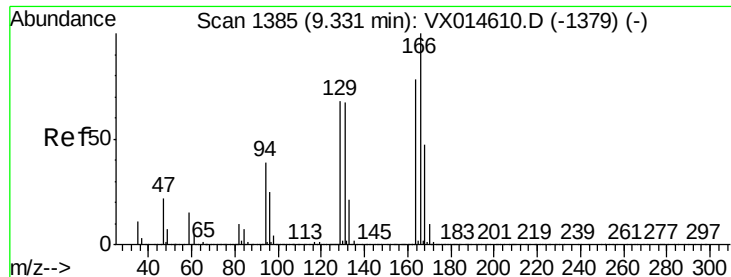
Tot Ion:117 Resp: 342076
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.6
119 32.3 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.322 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014634.D
Acq: 16 Jan 2020 13:37

Tgt Ion: 95 Resp: 144082
Ion Ratio Lower Upper
95 100
174 91.3 70.2 105.2
176 87.1 68.3 102.5

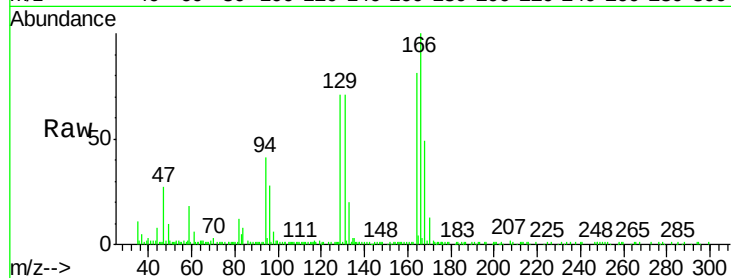




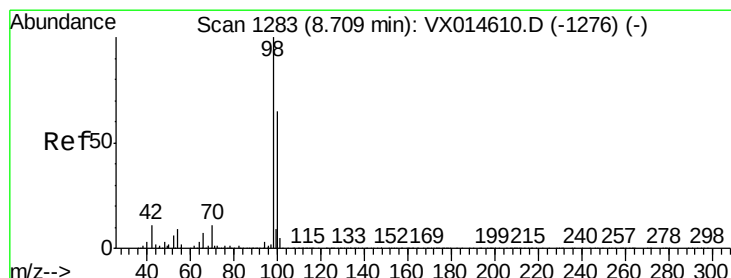
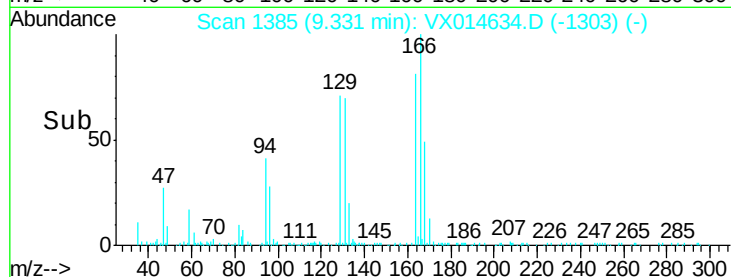
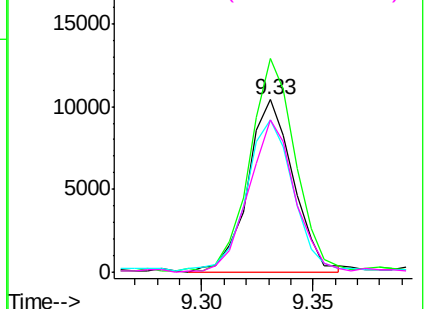
#61
Tetrachloroethene
Concen: 2.936 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014634.D
Acq: 16 Jan 2020 13:37

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-A-1

Tot Ion:164 Resp: 14845
Ion Ratio Lower Upper
164 100
166 121.7 104.2 156.2
129 86.3 71.6 107.4
131 86.9 71.7 107.5

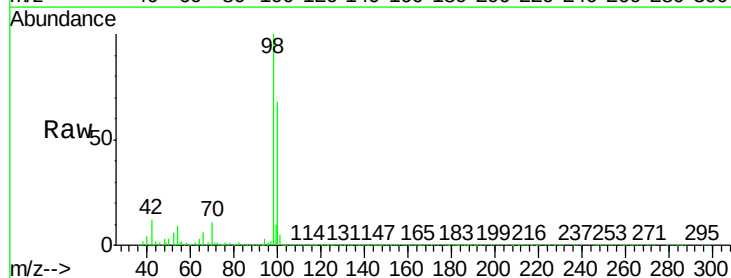


Abundance Ion 163.85 (163.55 to 164.55): V
20000
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#63
Toluene-d8
Concen: 29.622 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014634.D
Acq: 16 Jan 2020 13:37

Tgt Ion: 98 Resp: 457700
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
300000
Ion 100.00 (99.70 to 100.70): V

