

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014624.D
 Acq On : 15 Jan 2020 17:24
 Operator : JC/SP
 Sample : L1135-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TE-MW-D-1DL

Quant Time: Jan 17 12:38:14 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	72861	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	395193	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	348304	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	158466	30.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.13%
60) 4-Bromofluorobenzene	11.13	95	148534	26.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.83%
63) Toluene-d8	8.71	98	478721	30.43	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.43%

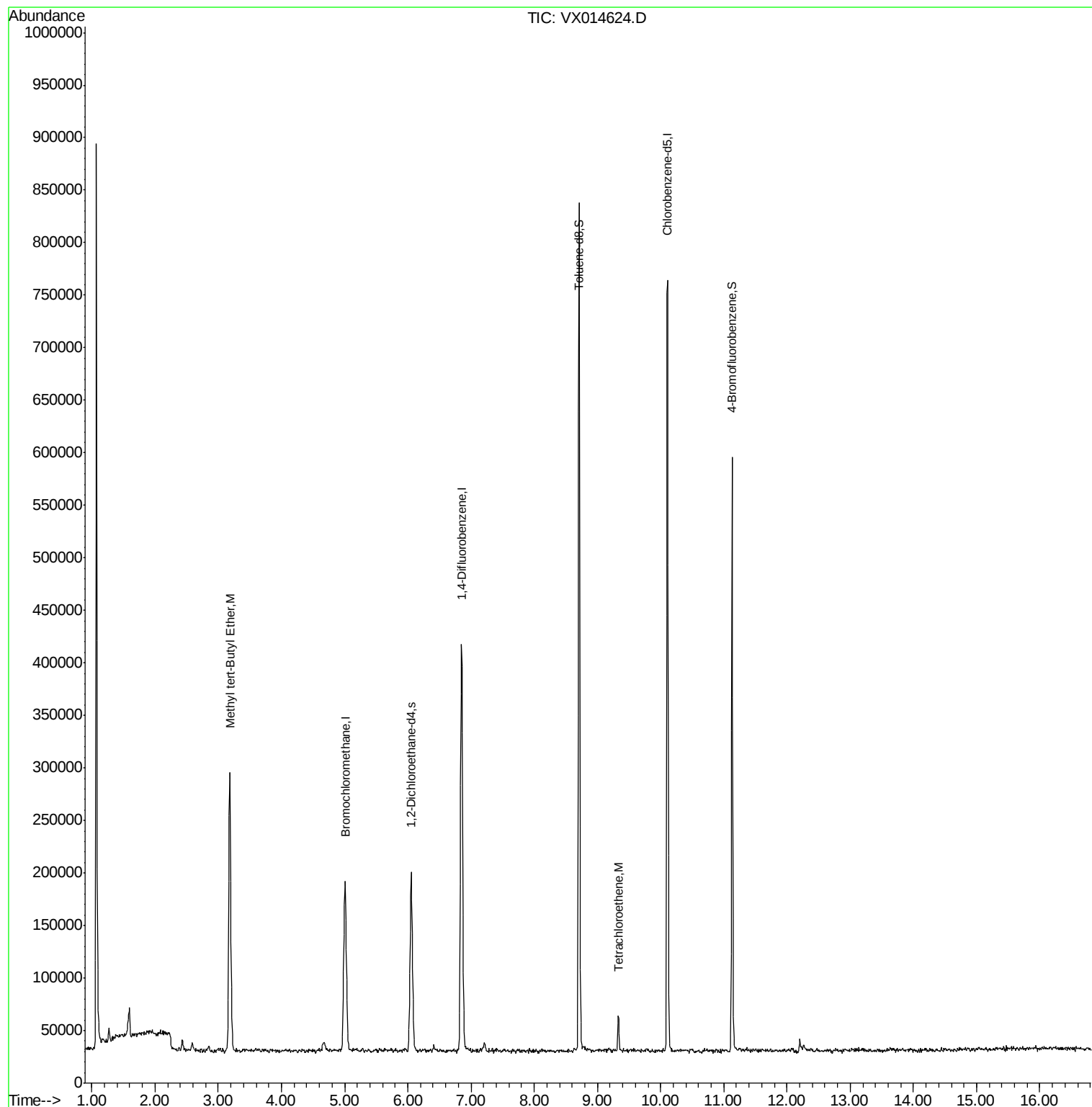
Target Compounds					Ovalue
24) Methyl tert-Butyl Ether	3.19	73	292401	21.783 ug/l	98
61) Tetrachloroethene	9.33	164	7519	1.461 ug/l #	87

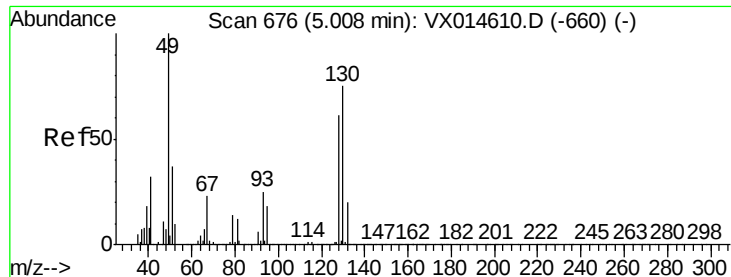
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014624.D

Acq: 15 Jan 2020 17:24

Instrument :

MSVOA_X

ClientSampled :

TE-MW-D-1DL

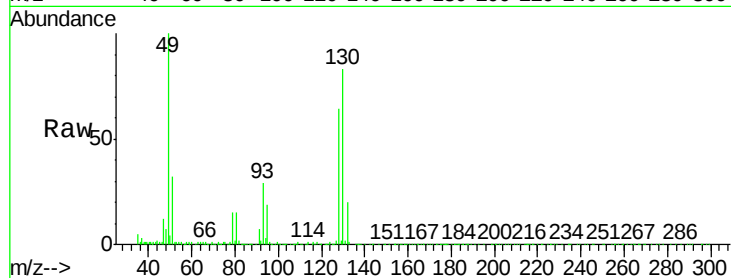
Tot Ion:128 Resp: 72861

Ion Ratio Lower Upper

128 100

49 158.8 0.0 405.0

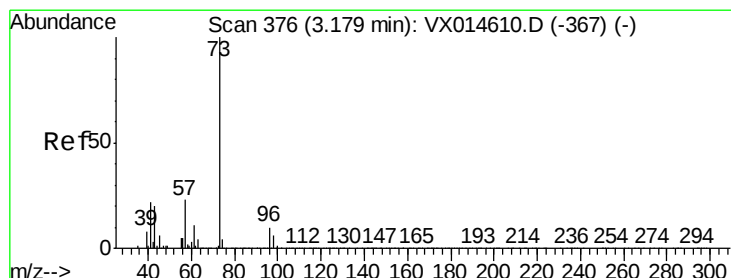
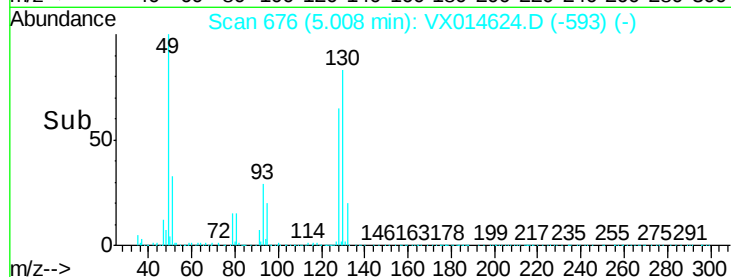
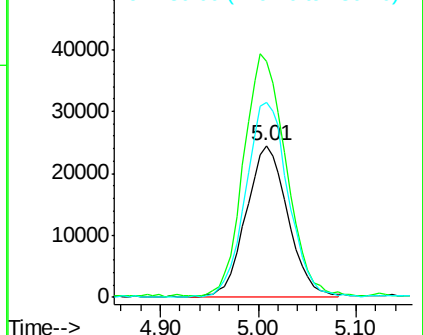
130 130.7 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#24

Methyl tert-Butyl Ether

Concen: 21.783 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014624.D

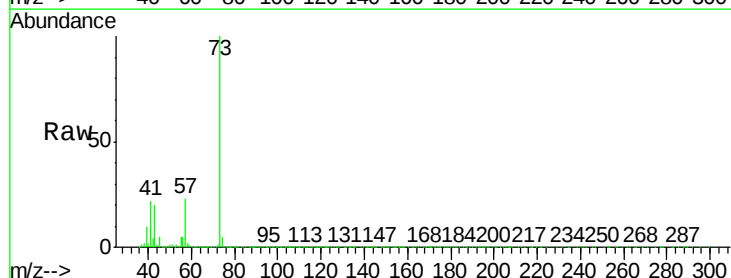
Acq: 15 Jan 2020 17:24

Tgt Ion: 73 Resp: 292401

Ion Ratio Lower Upper

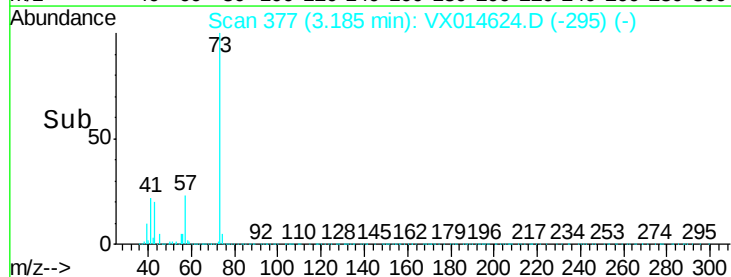
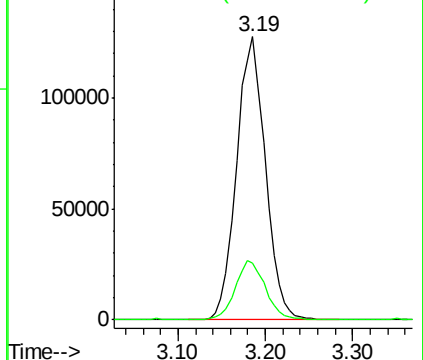
73 100

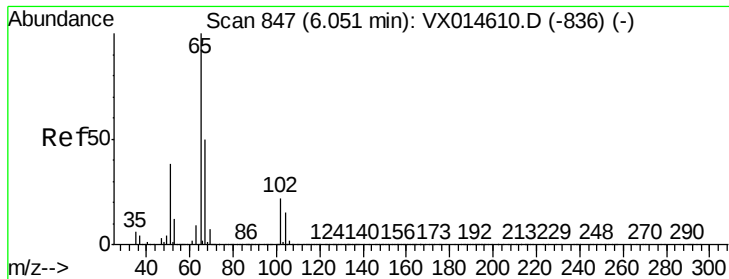
43 21.5 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

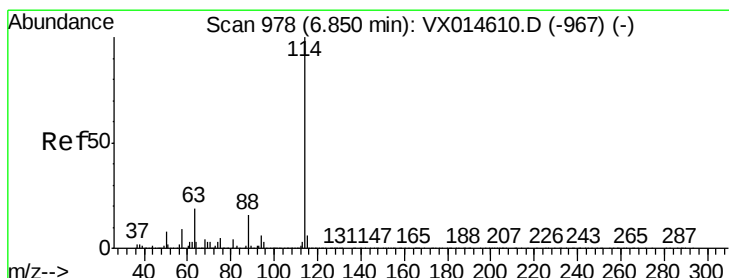
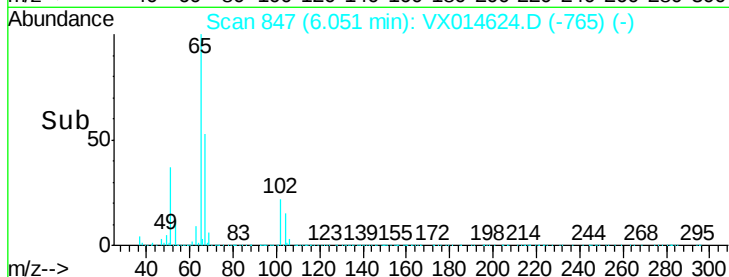
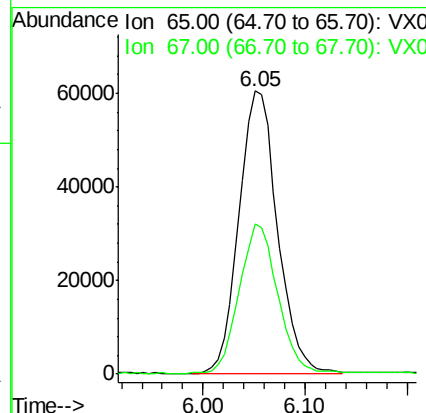
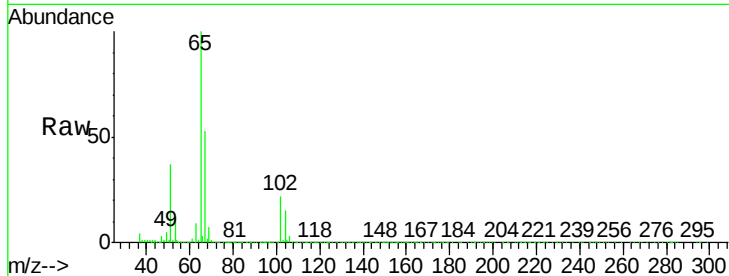




#27
 1,2-Dichloroethane-d4
 Concen: 30.943 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014624.D
 Acq: 15 Jan 2020 17:24

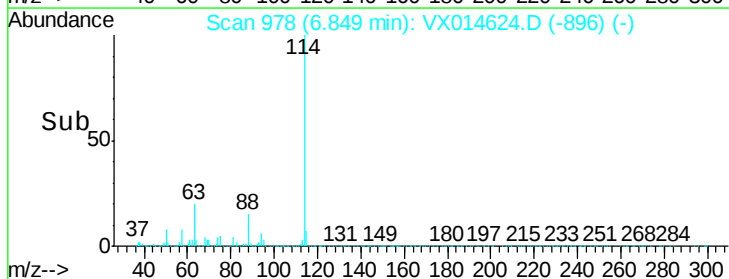
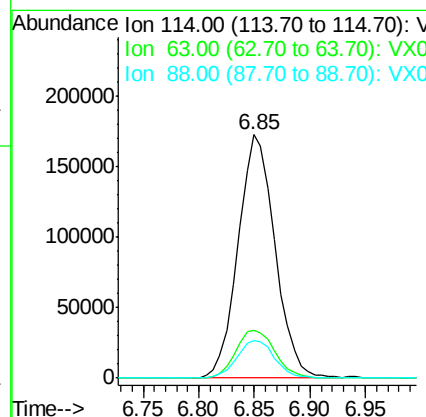
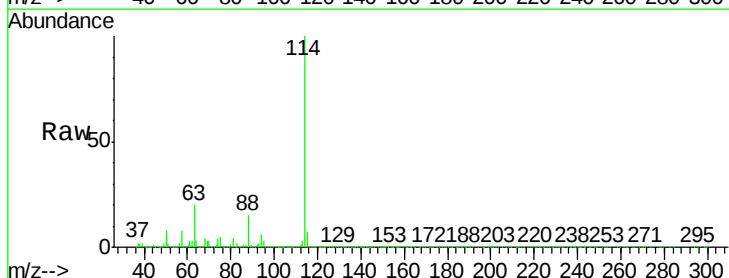
Instrument :
 MSVOA_X
 ClientSampleId :
 TE-MW-D-1DL

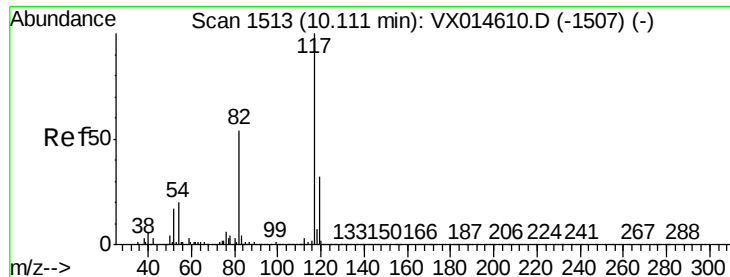
Tot Ion: 65 Resp: 158466
 Ion Ratio Lower Upper
 65 100
 67 53.0 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014624.D
 Acq: 15 Jan 2020 17:24

Tgt Ion: 114 Resp: 395193
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.1 24.1
 88 15.9 12.5 18.7

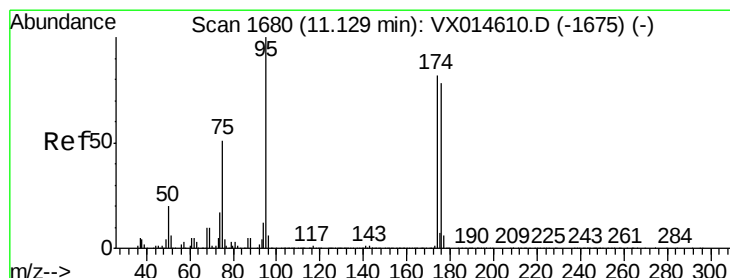
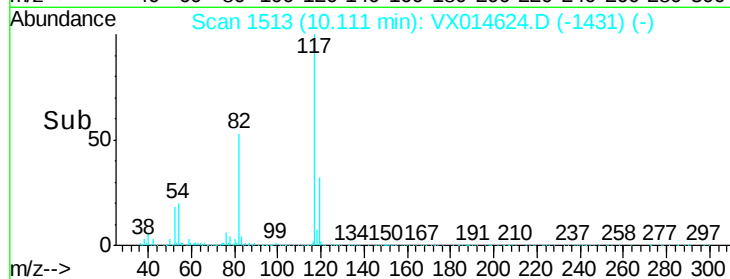
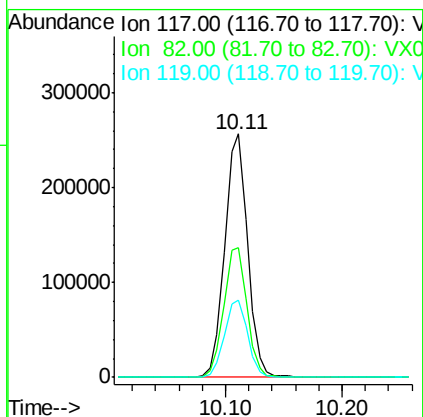
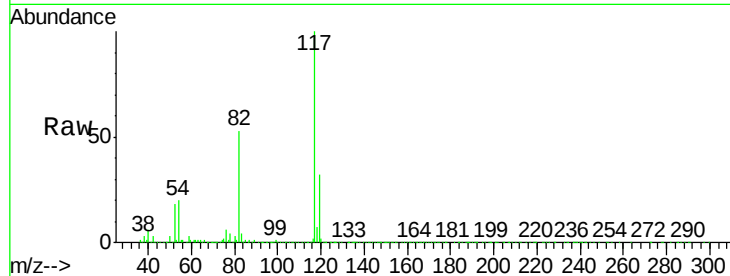




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014624.D
Acq: 15 Jan 2020 17:24

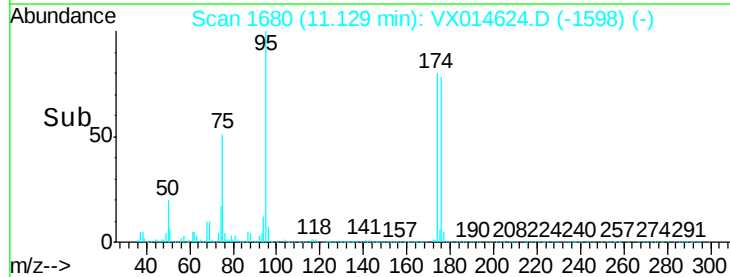
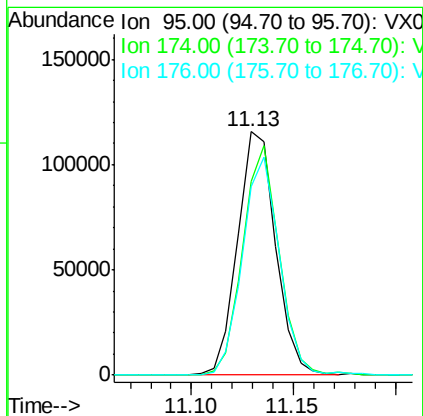
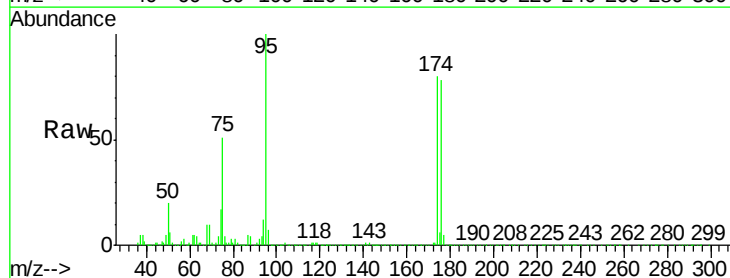
Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1DL

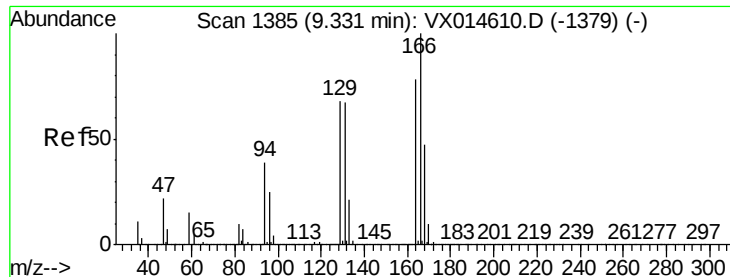
Tot Ion:117 Resp: 348304
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.650 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014624.D
Acq: 15 Jan 2020 17:24

Tgt Ion: 95 Resp: 148534
Ion Ratio Lower Upper
95 100
174 91.7 70.2 105.2
176 87.9 68.3 102.5





#61

Tetrachloroethene

Concen: 1.461 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014624.D

Acq: 15 Jan 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

TE-MW-D-1DL

Tot Ion:164 Resp: 7519

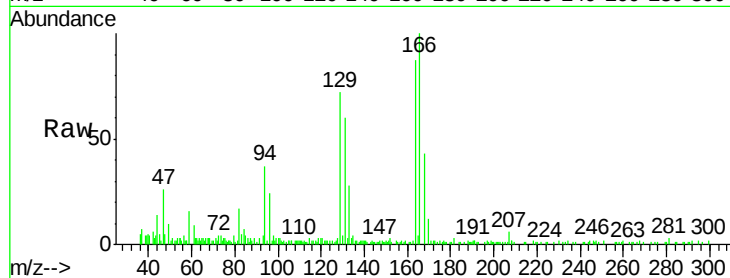
Ion Ratio Lower Upper

164 100

166 118.5 104.2 156.2

129 82.0 71.6 107.4

131 69.1 71.7 107.5#

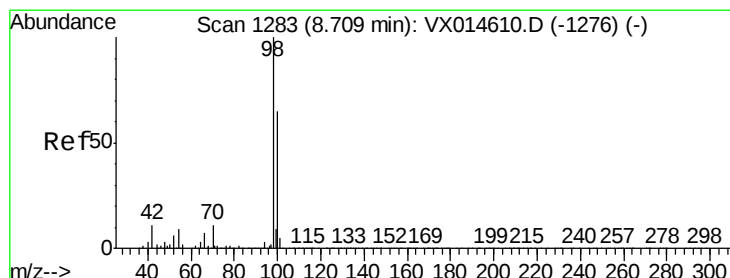
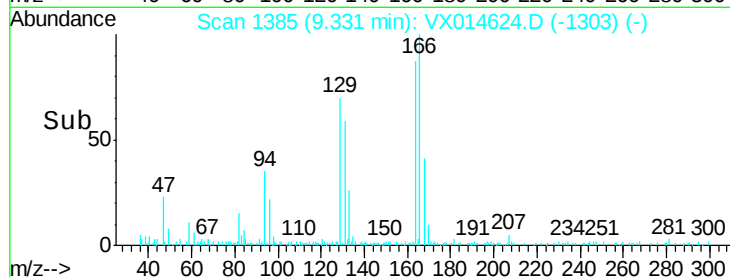
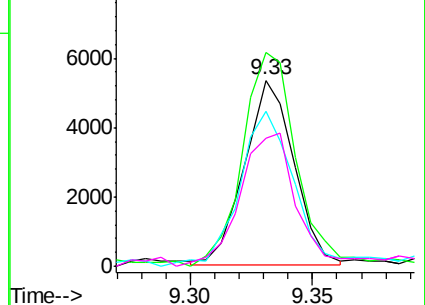


Abundance Ion 163.85 (163.55 to 164.55): V

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: 30.428 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014624.D

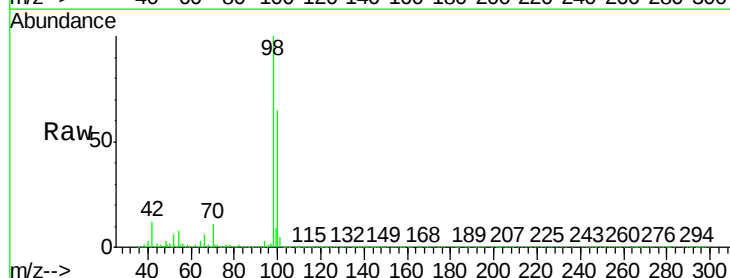
Acq: 15 Jan 2020 17:24

Tgt Ion: 98 Resp: 478721

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

