

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016998.D
 Acq On : 26 Jun 2020 22:55
 Operator : JC/SP
 Sample : VX0626WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBL02

Quant Time: Jun 27 02:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	55944	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	297953	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	271065	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	129669	29.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.27%
60) 4-Bromofluorobenzene	11.12	95	126901	28.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.57%
63) Toluene-d8	8.70	98	350361	29.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.73%

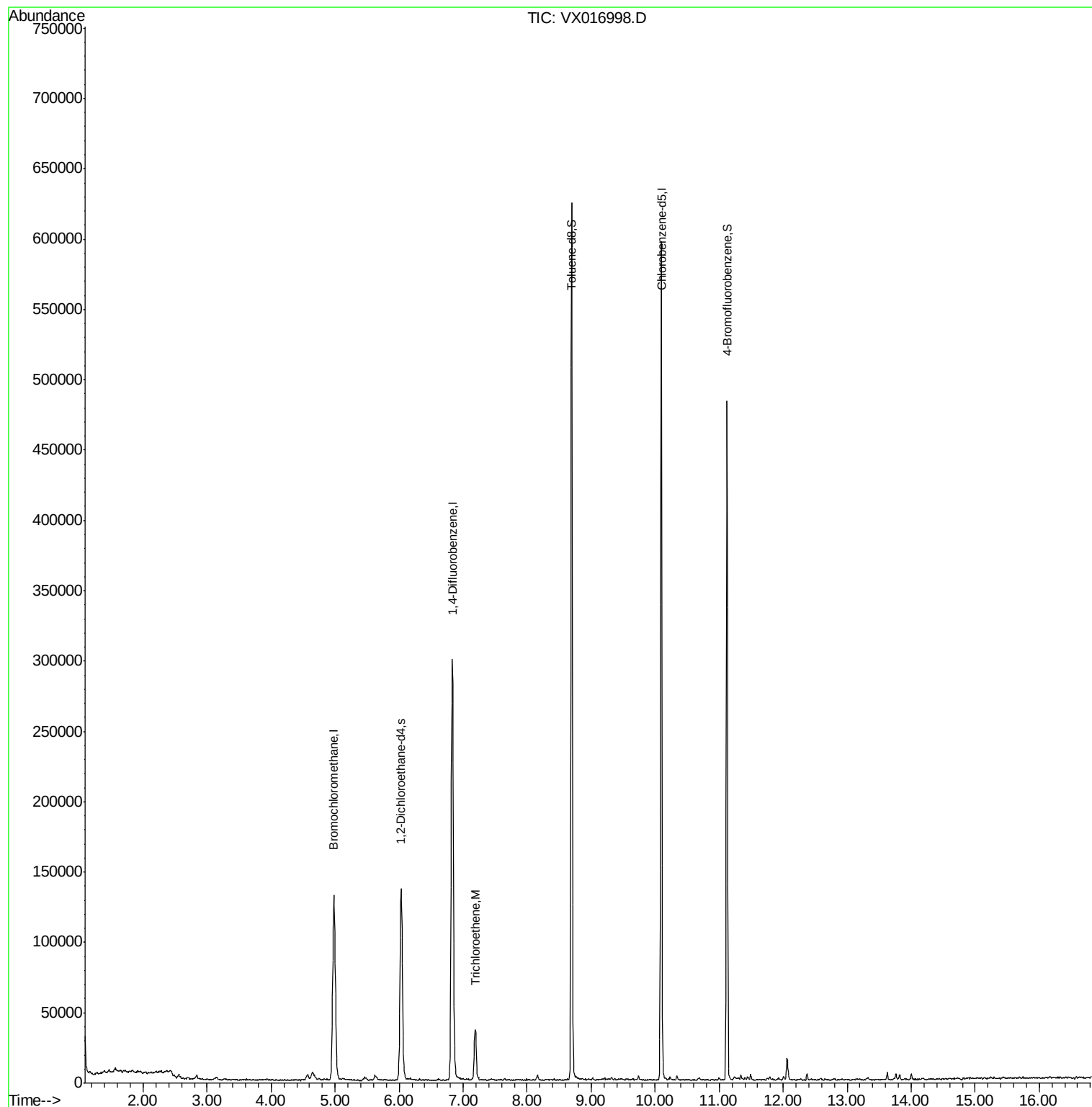
Target Compounds					Ovalue
37) Trichloroethene	7.19	130	13813	3.582 ug/l	92

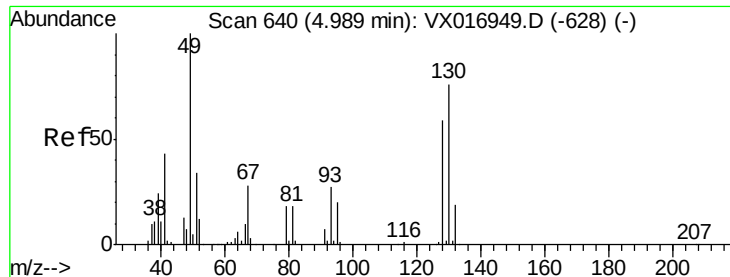
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX016998.D

Acq: 26 Jun 2020 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBL02

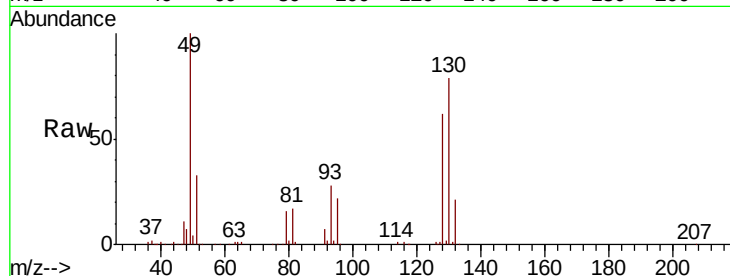
Tot Ion:128 Resp: 55944

Ion Ratio Lower Upper

128 100

49 165.6 0.0 428.0

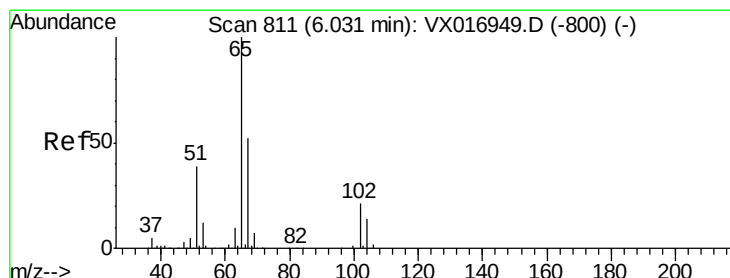
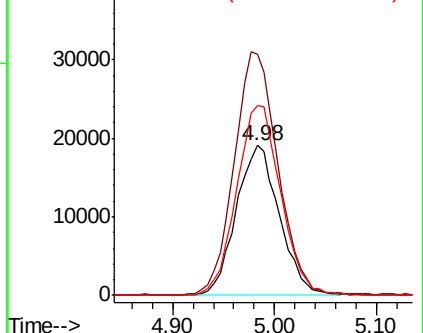
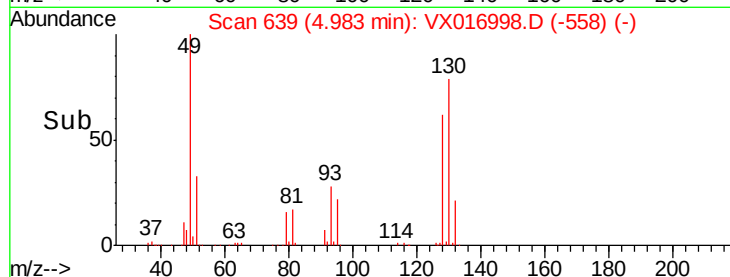
130 130.2 0.0 318.0



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



#27

1,2-Dichloroethane-d4

Concen: 29.779 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016998.D

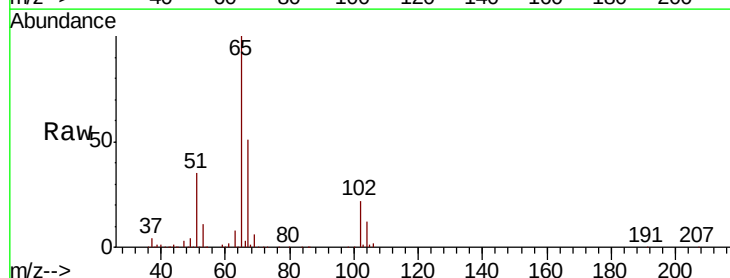
Acq: 26 Jun 2020 22:55

Tgt Ion: 65 Resp: 129669

Ion Ratio Lower Upper

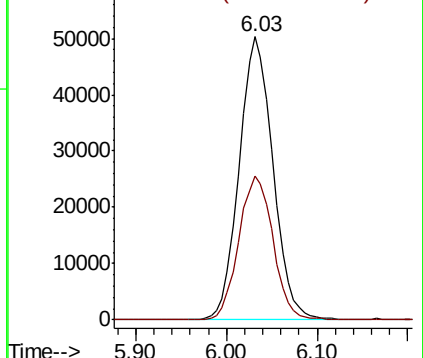
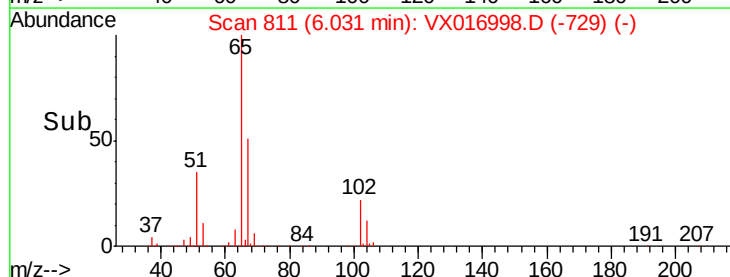
65 100

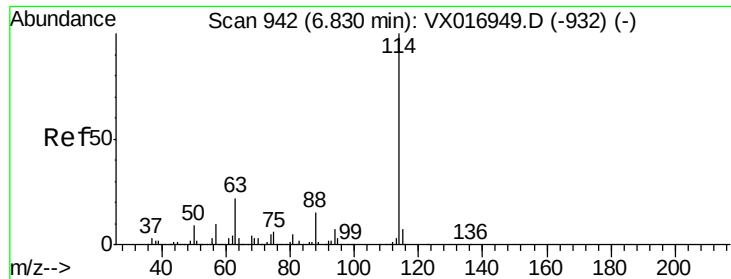
67 51.6 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

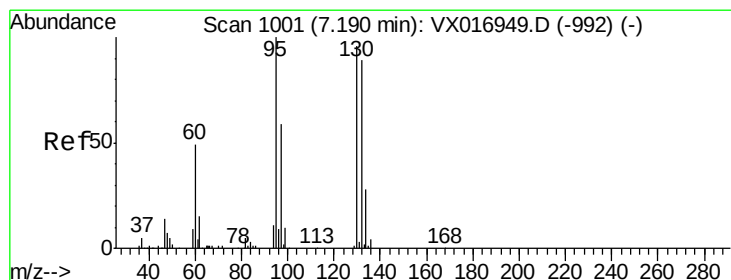
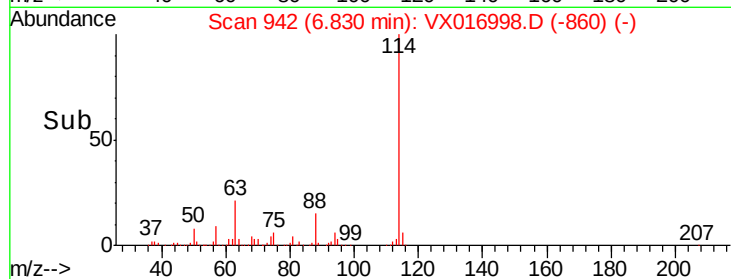
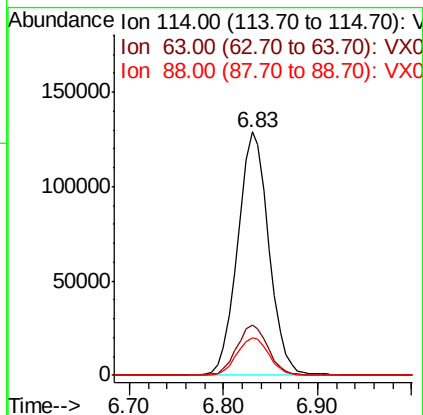
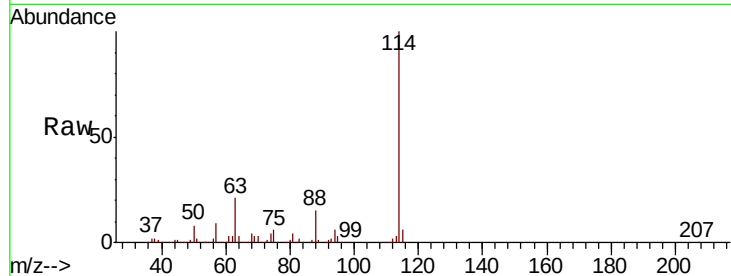




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016998.D
 Acq: 26 Jun 2020 22:55

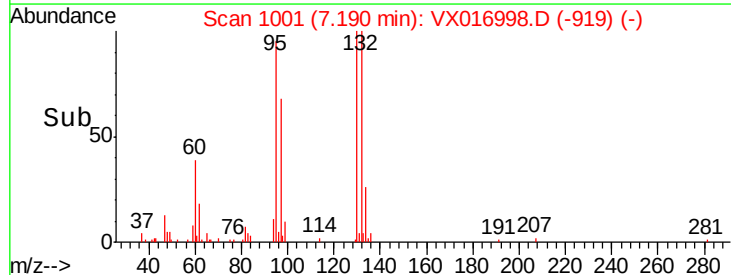
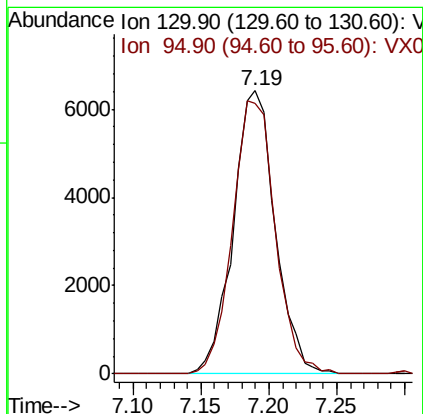
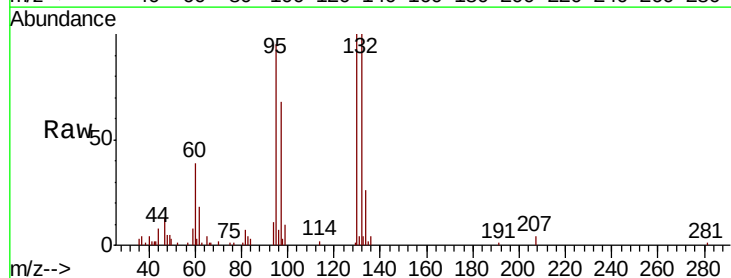
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBL02

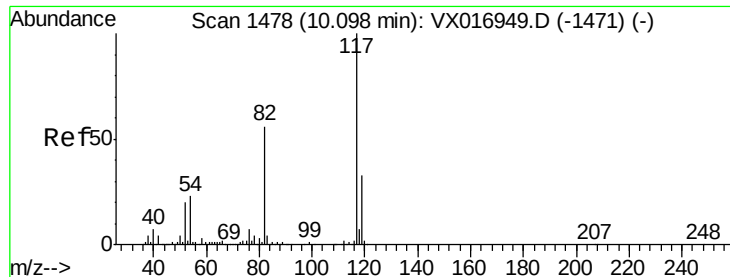
Tot Ion:114 Resp: 297953
 Ion Ratio Lower Upper
 114 100
 63 21.0 17.4 26.2
 88 15.8 13.0 19.6



#37
 Trichloroethene
 Concen: 3.582 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016998.D
 Acq: 26 Jun 2020 22:55

Tgt Ion:130 Resp: 13813
 Ion Ratio Lower Upper
 130 100
 95 95.7 83.1 124.7

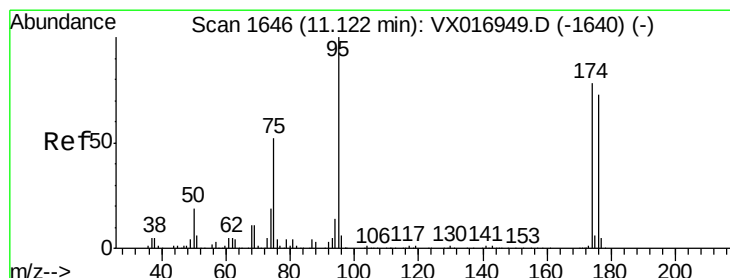
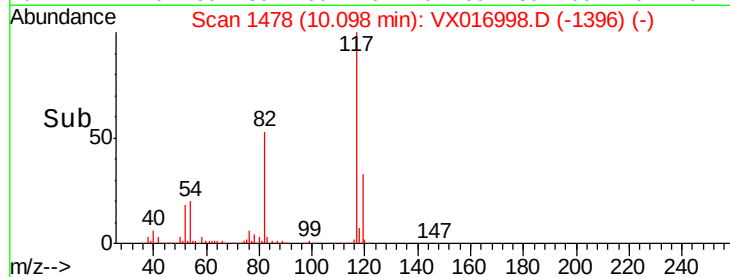
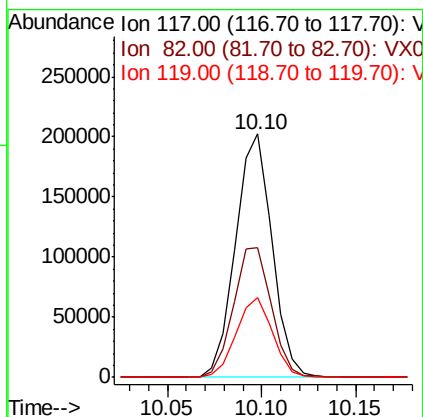
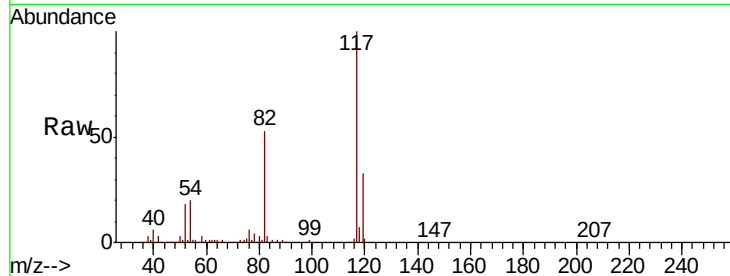




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

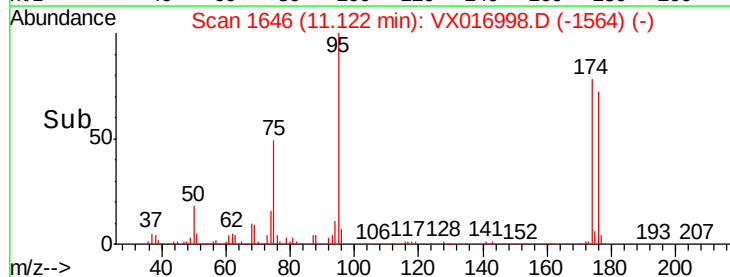
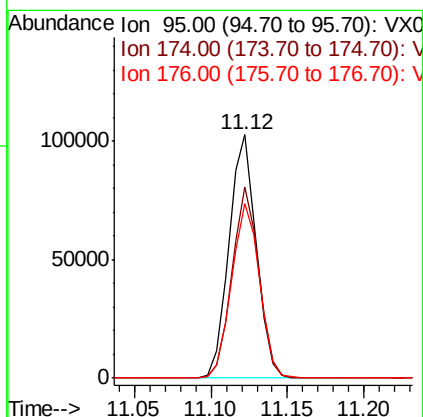
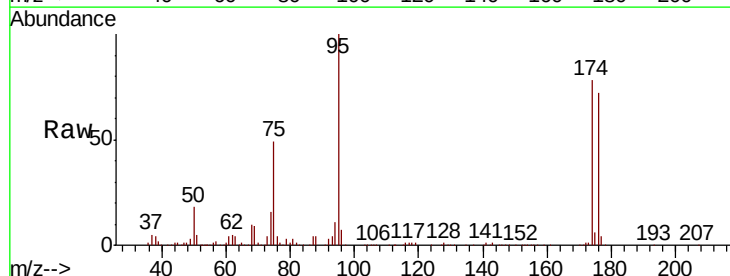
Instrument :
MSVOA_X
ClientSampled :
VX0626WBL02

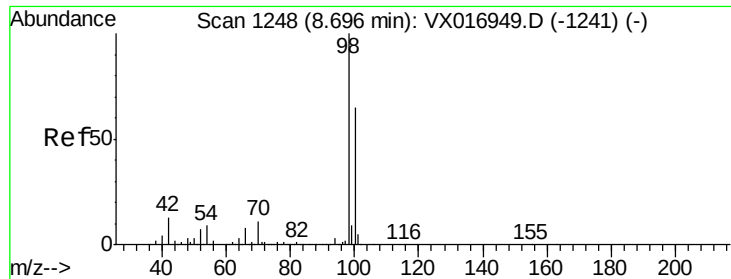
Tot Ion:117 Resp: 271065
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.7 25.8 38.8



#60
4-Bromofluorobenzene
Concen: 28.072 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016998.D
Acq: 26 Jun 2020 22:55

Tgt Ion: 95 Resp: 126901
Ion Ratio Lower Upper
95 100
174 77.3 62.2 93.4
176 73.4 58.9 88.3





#63

Toluene-d8

Concen: 29.322 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016998.D

Acq: 26 Jun 2020 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBL02

Tot Ion: 98 Resp: 350361

Ion Ratio Lower Upper

98 100

100 66.7 52.3 78.5

