

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019474.D
 Acq On : 19 Nov 2020 18:31
 Operator : JC/MD
 Sample : VX1120WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

Quant Time: Nov 20 03:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46083	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	258469	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	234987	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	102937	31.08	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.60%
60) 4-Bromofluorobenzene	11.12	95	107662	28.09	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.63%
63) Toluene-d8	8.70	98	308495	29.45	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.17%

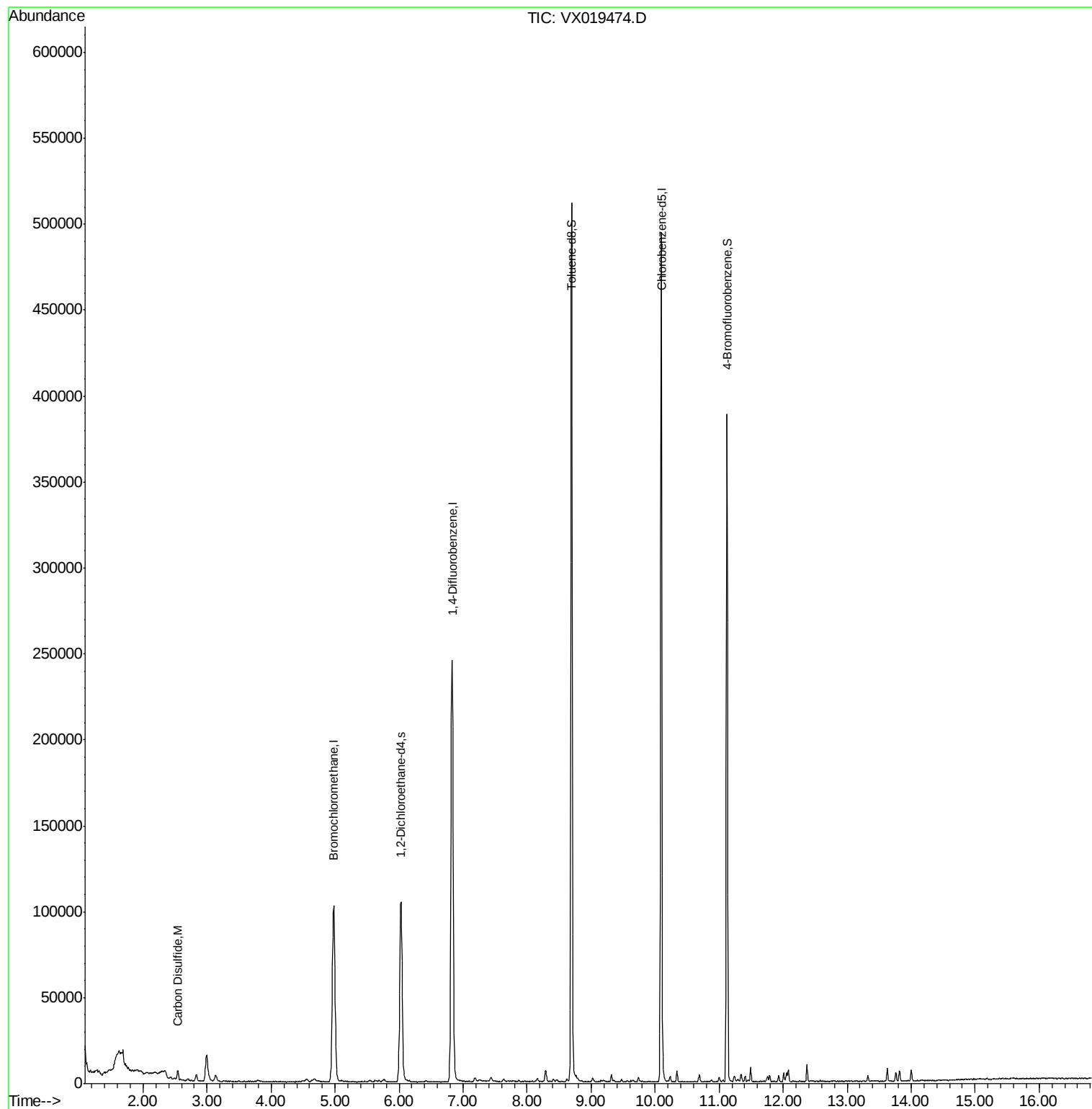
Target Compounds					Ovalue
16) Carbon Disulfide	2.54	76	7156	1.060	ug/l 96

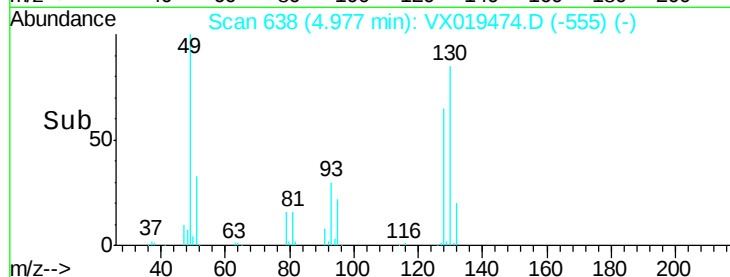
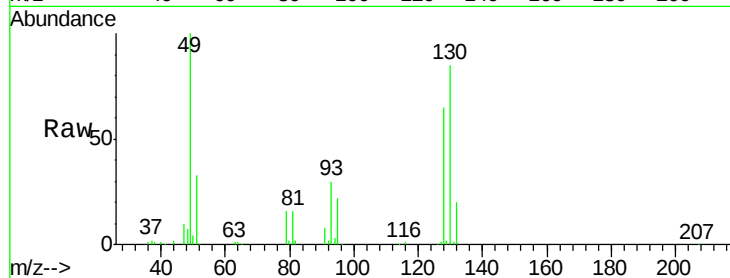
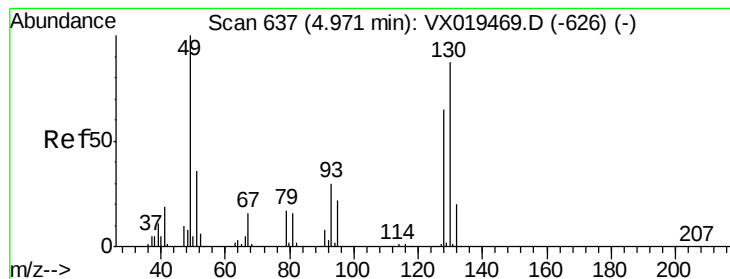
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019474.D

Acq: 19 Nov 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBL01

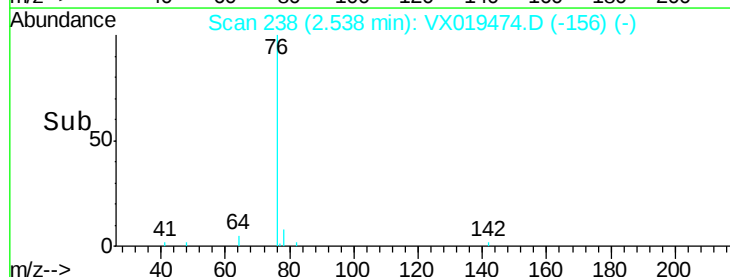
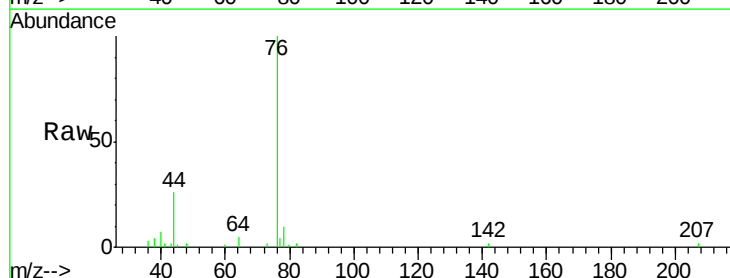
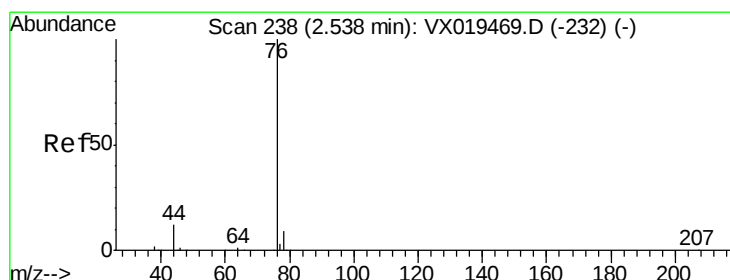
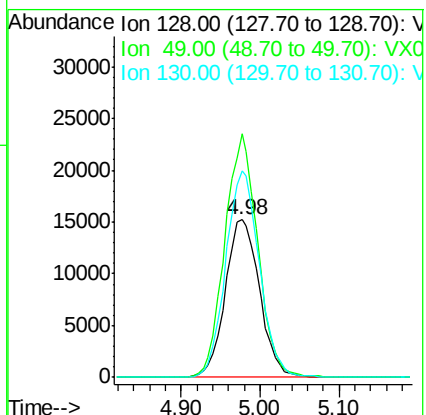
Tot Ion:128 Resp: 46083

Ion Ratio Lower Upper

128 100

49 148.0 0.0 377.8

130 128.7 0.0 324.0



#16

Carbon Disulfide

Concen: 1.060 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VX019474.D

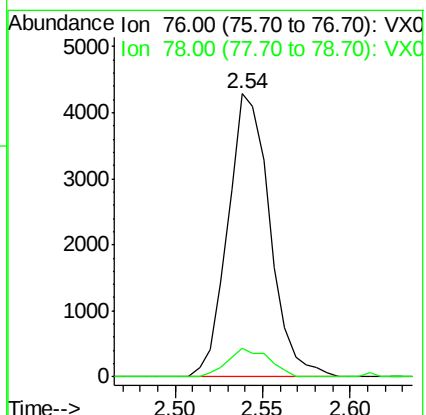
Acq: 19 Nov 2020 18:31

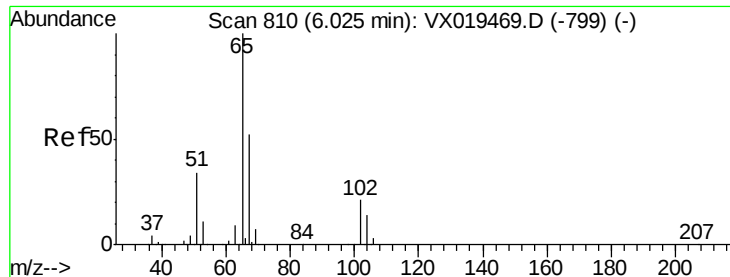
Tgt Ion: 76 Resp: 7156

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6

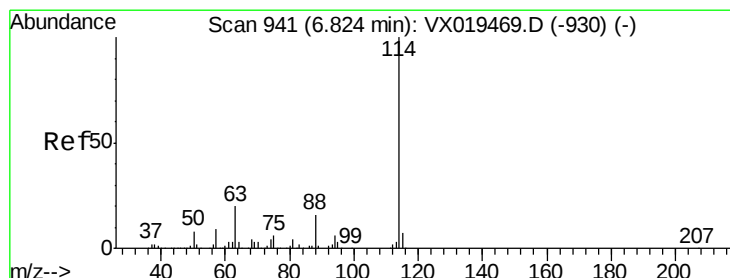
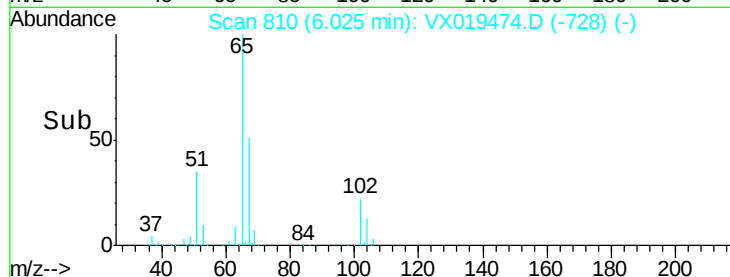
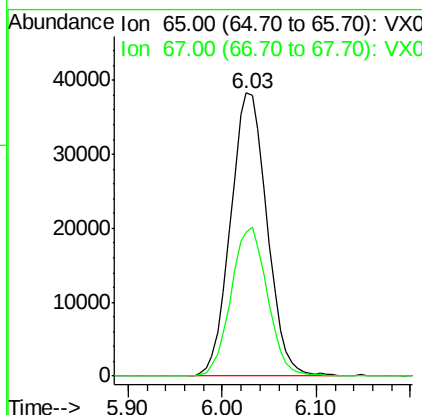
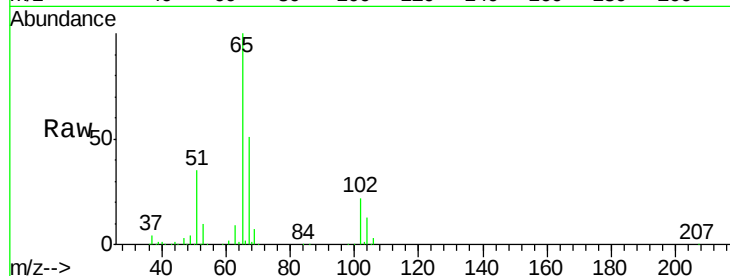




#27
 1,2-Dichloroethane-d4
 Concen: 31.079 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019474.D
 Acq: 19 Nov 2020 18:31

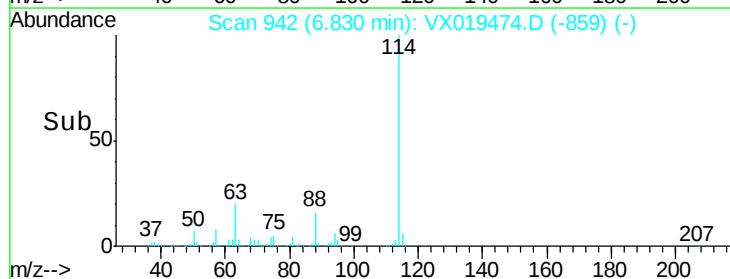
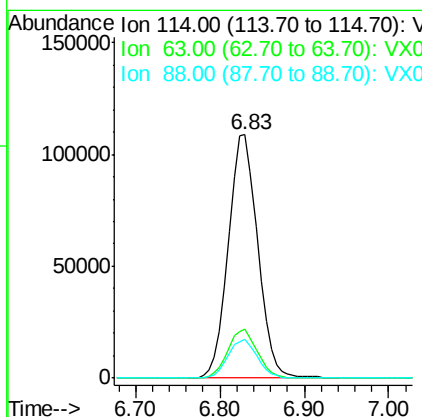
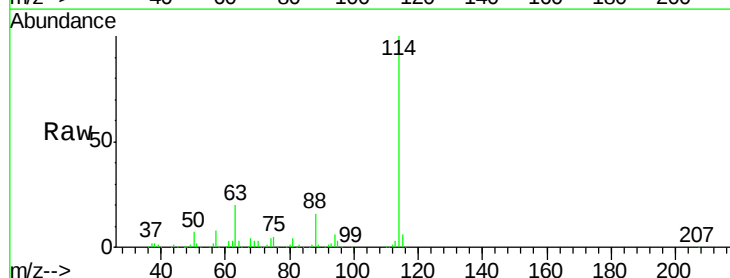
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

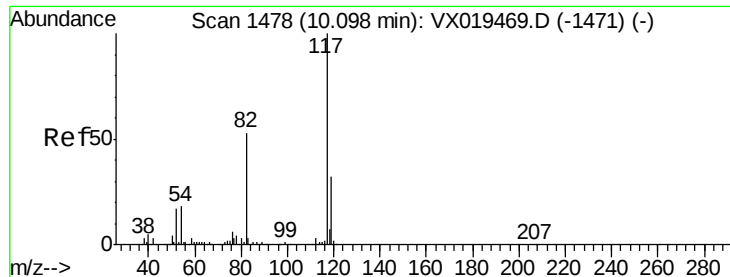
Tot Ion: 65 Resp: 102937
 Ion Ratio Lower Upper
 65 100
 67 52.5 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019474.D
 Acq: 19 Nov 2020 18:31

Tgt Ion: 114 Resp: 258469
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.2 24.2
 88 16.0 12.9 19.3

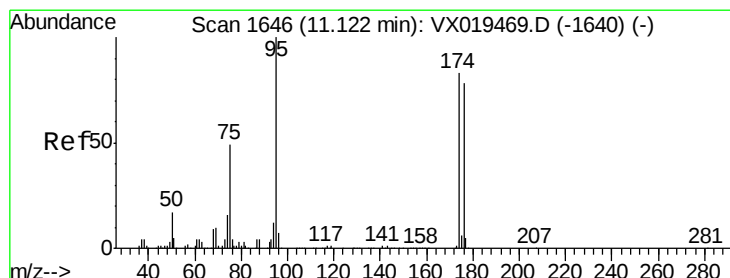
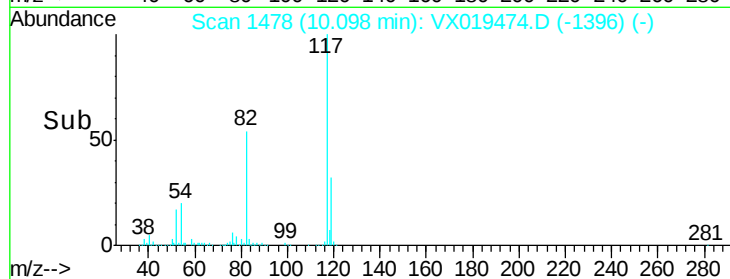
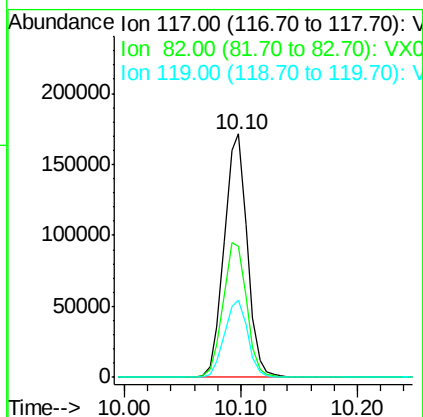
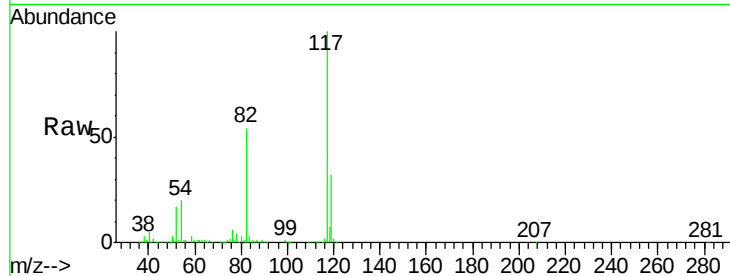




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019474.D
Acq: 19 Nov 2020 18:31

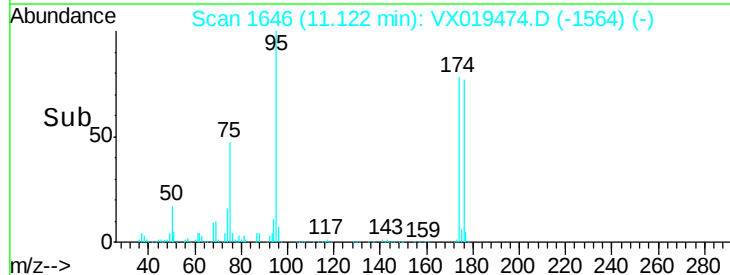
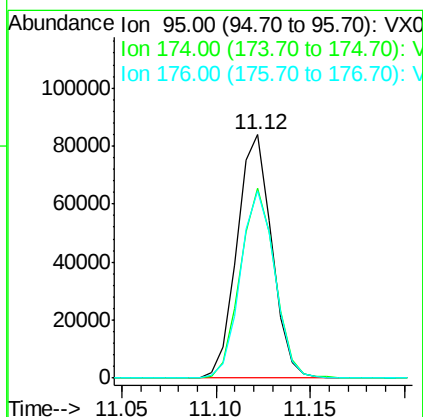
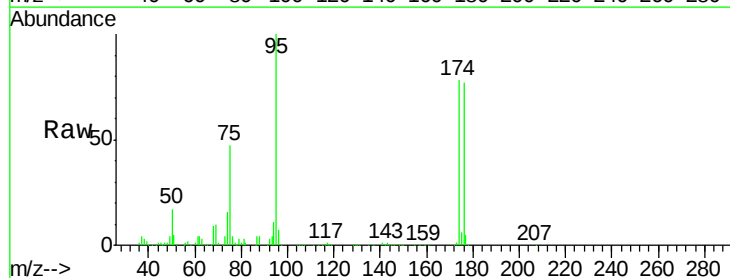
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

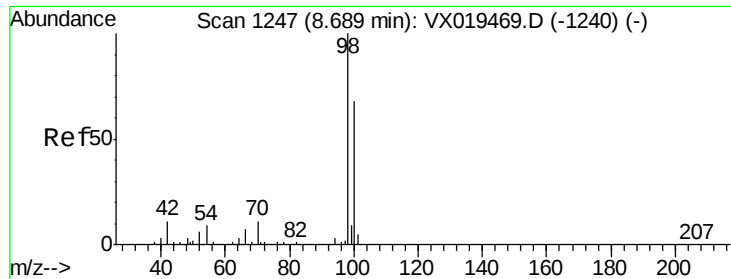
Tot Ion:117 Resp: 234987
Ion Ratio Lower Upper
117 100
82 56.7 44.5 66.7
119 32.0 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 28.093 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019474.D
Acq: 19 Nov 2020 18:31

Tgt Ion: 95 Resp: 107662
Ion Ratio Lower Upper
95 100
174 77.6 63.5 95.3
176 76.4 59.8 89.6





#63

Toluene-d8

Concen: 29.452 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019474.D

Acq: 19 Nov 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBL01

Tot Ion: 98 Resp: 308495

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4

