

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019480.D
 Acq On : 19 Nov 2020 20:51
 Operator : JC/MD
 Sample : L4820-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-023-IDWGW-20201118

Quant Time: Nov 20 11:36:07 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	46599	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	248574	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	229796	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	101869	30.42	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.40%
60) 4-Bromofluorobenzene	11.12	95	101969	27.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.70%
63) Toluene-d8	8.70	98	301509	29.44	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.13%

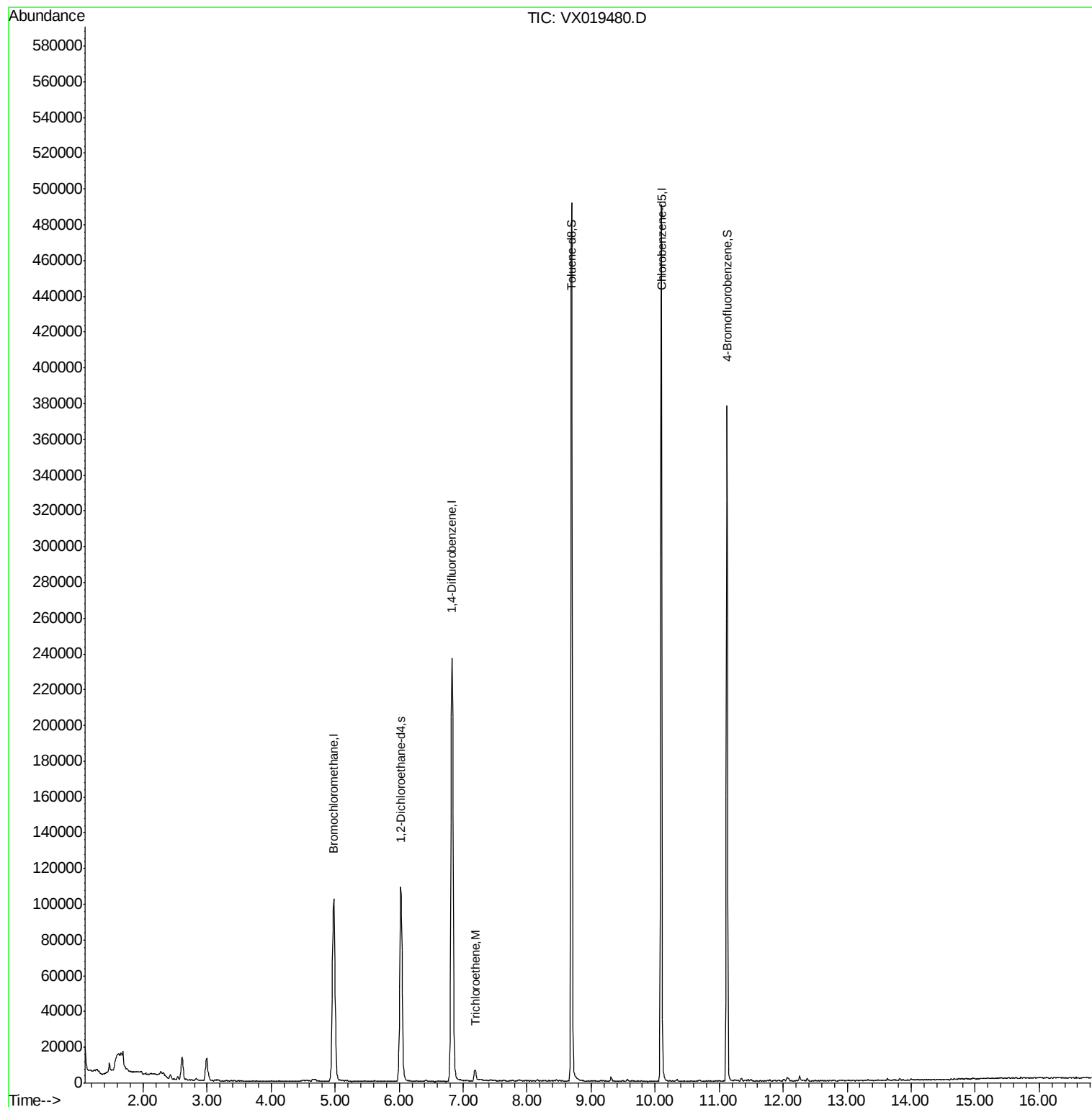
Target Compounds					Ovalue
37) Trichloroethene	7.19	130	2100	0.668 ug/l	86

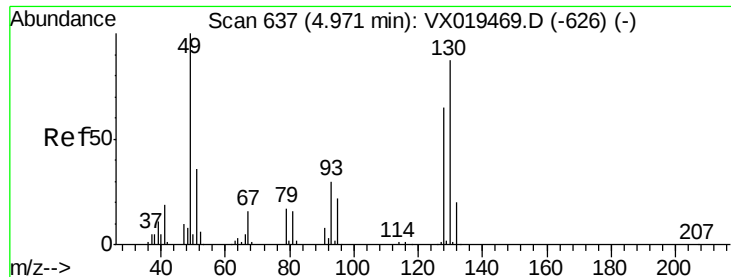
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019480.D

Acq: 19 Nov 2020 20:51

Instrument :

MSVOA_X

ClientSampleId :

TT-023-IDWGW-20201118

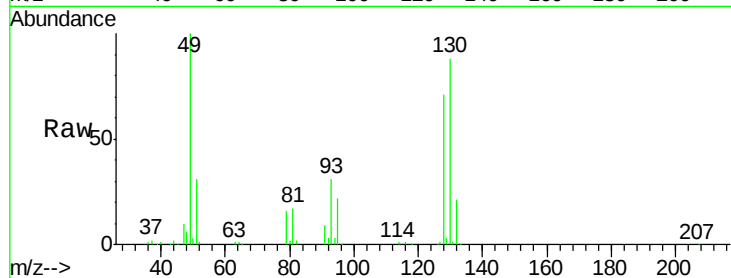
Tot Ion:128 Resp: 46599

Ion Ratio Lower Upper

128 100

49 147.4 0.0 377.8

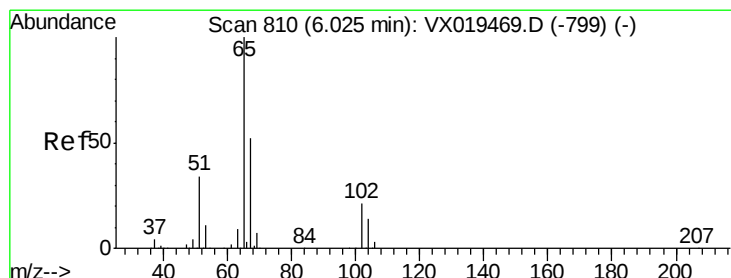
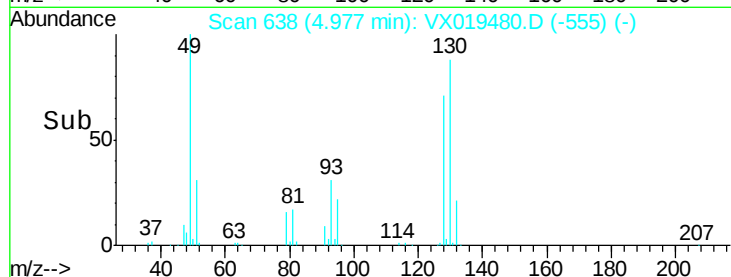
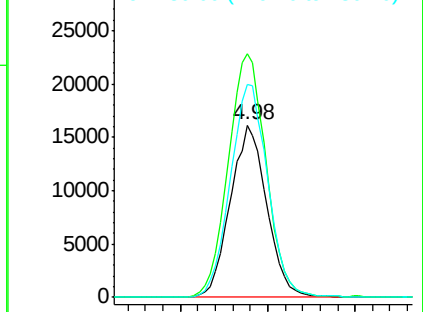
130 127.3 0.0 324.0



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: 30.416 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019480.D

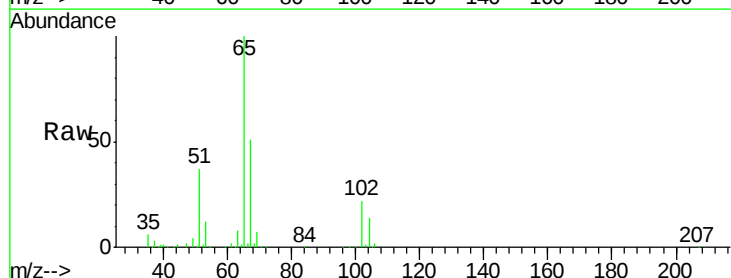
Acq: 19 Nov 2020 20:51

Tgt Ion: 65 Resp: 101869

Ion Ratio Lower Upper

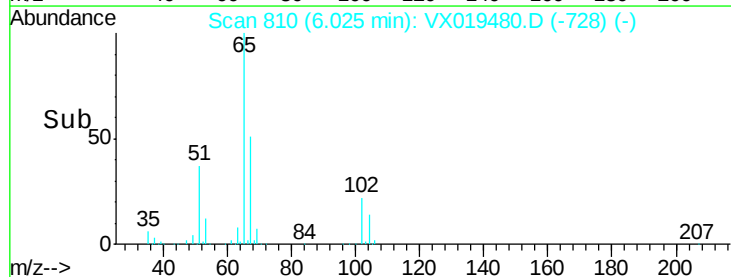
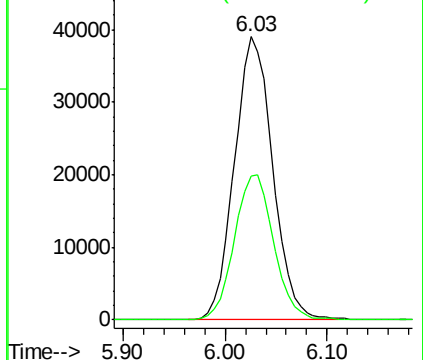
65 100

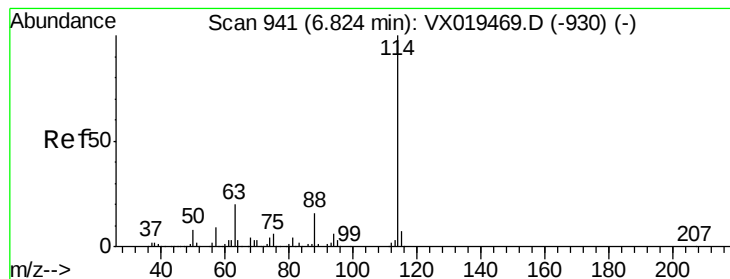
67 52.6 42.2 63.2



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. 0.01 min

Lab File: VX019480.D

Acq: 19 Nov 2020 20:51

Instrument :

MSVOA_X

ClientSampleId :

TT-023-IDW/GW-20201118

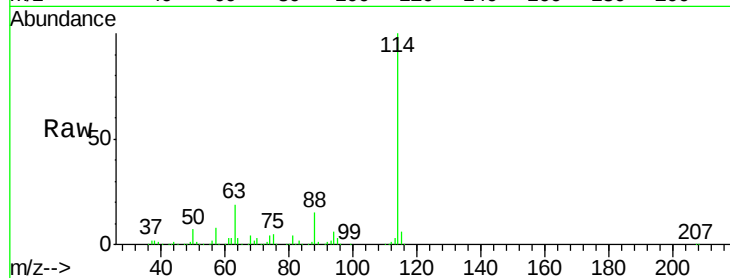
Tot Ion:114 Resp: 248574

Ion Ratio Lower Upper

114 100

63 20.2 16.2 24.2

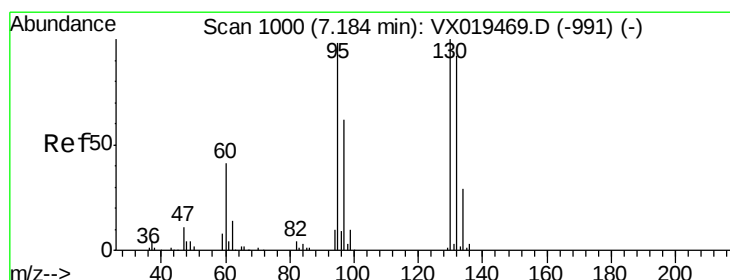
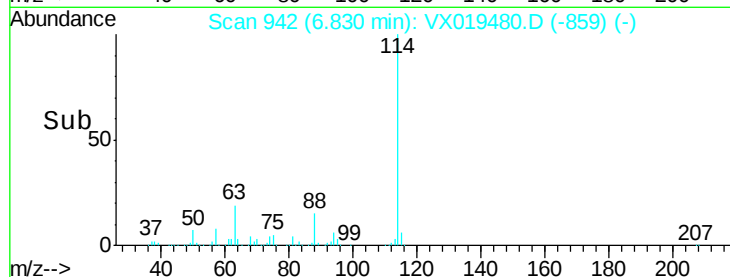
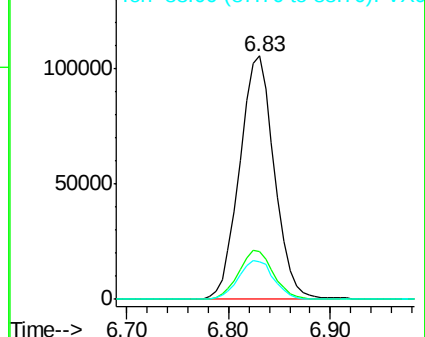
88 16.3 12.9 19.3



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: 0.668 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019480.D

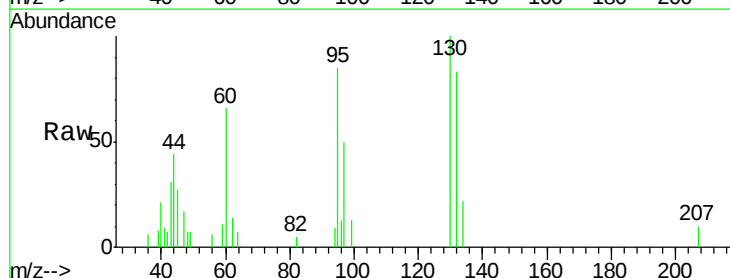
Acq: 19 Nov 2020 20:51

Tgt Ion:130 Resp: 2100

Ion Ratio Lower Upper

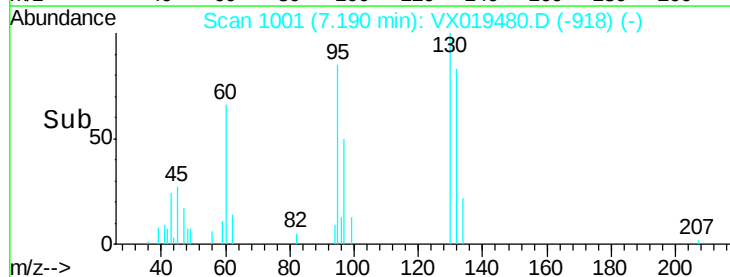
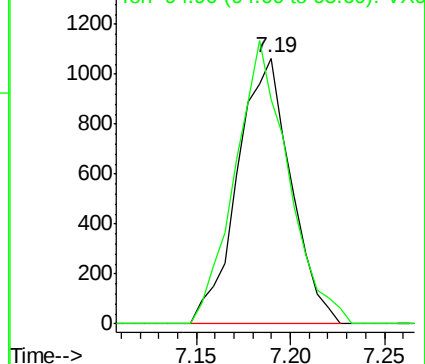
130 100

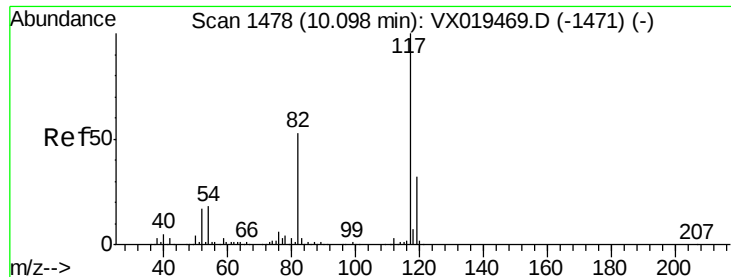
95 84.7 78.8 118.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

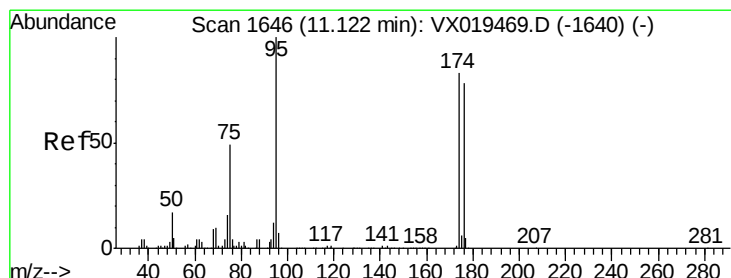
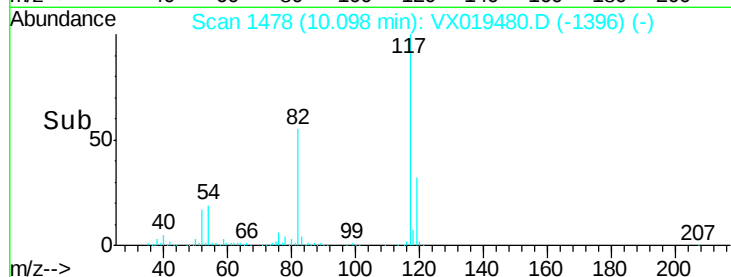
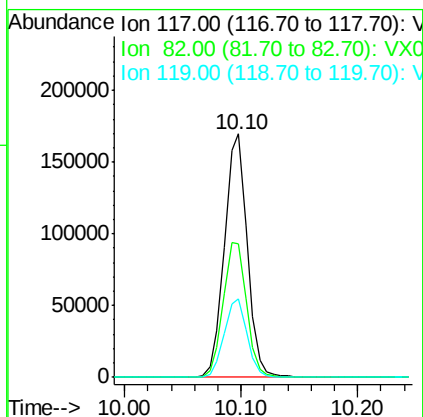
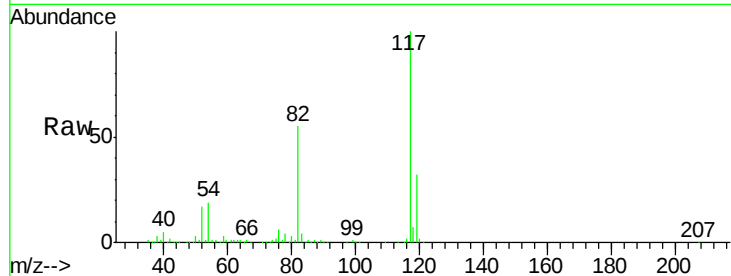




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019480.D
Acq: 19 Nov 2020 20:51

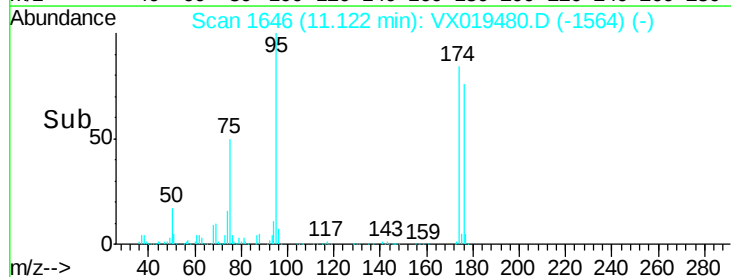
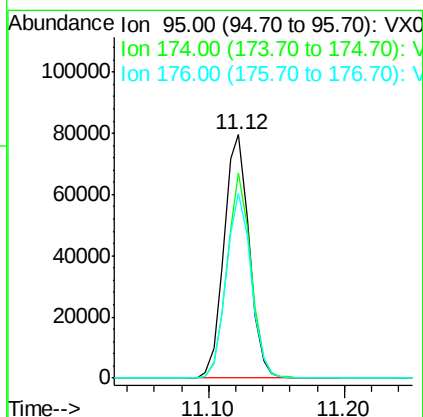
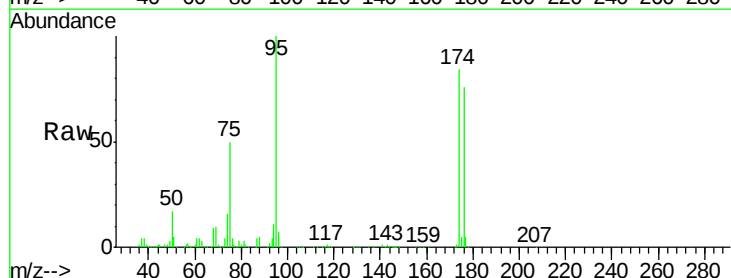
Instrument :
MSVOA_X
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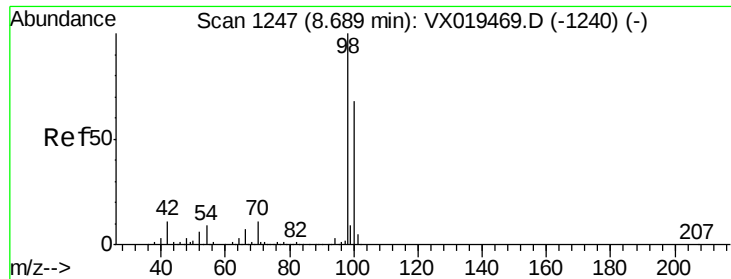
Tot Ion:117 Resp: 229796
Ion Ratio Lower Upper
117 100
82 57.0 44.5 66.7
119 32.4 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 27.209 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019480.D
Acq: 19 Nov 2020 20:51

Tgt Ion: 95 Resp: 101969
Ion Ratio Lower Upper
95 100
174 80.6 63.5 95.3
176 75.5 59.8 89.6





#63

Toluene-d8

Concen: 29.436 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019480.D

Acq: 19 Nov 2020 20:51

Instrument :

MSVOA_X

ClientSampleId :

TT-023-IDW/GW-20201118

Tot Ion: 98 Resp: 301509

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4

