

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019481.D
 Acq On : 19 Nov 2020 21:14
 Operator : JC/MD
 Sample : L4820-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-024-IDWGW-20201118

Quant Time: Nov 20 11:37:24 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	49060	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	266790	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	246801	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	108418	30.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.50%
60) 4-Bromofluorobenzene	11.12	95	107568	26.73	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.10%
63) Toluene-d8	8.70	98	317455	28.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.20%

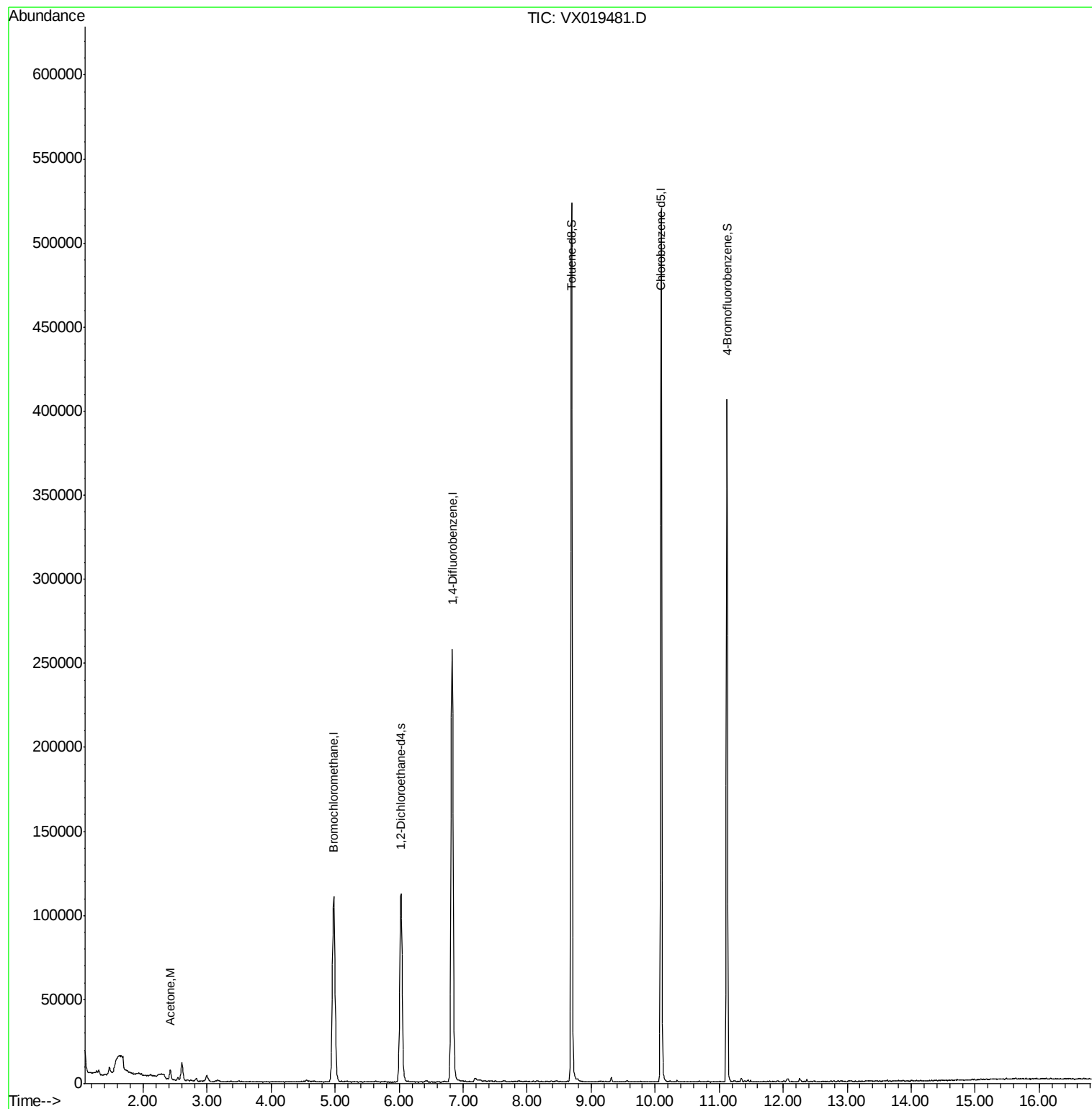
Target Compounds					Ovalue
15) Acetone	2.42	58	2050	4.444 ug/l	99

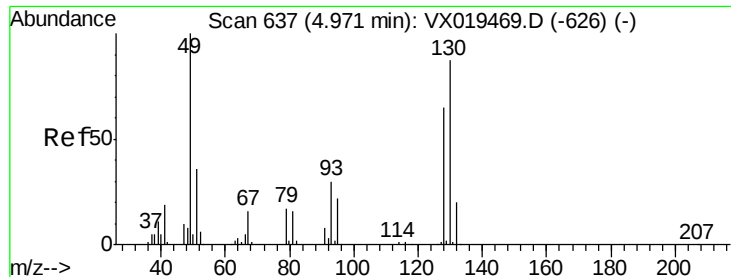
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:06:02 2020
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: VX019481.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_X

ClientSampleId :

TT-024-IDW/GW-20201118

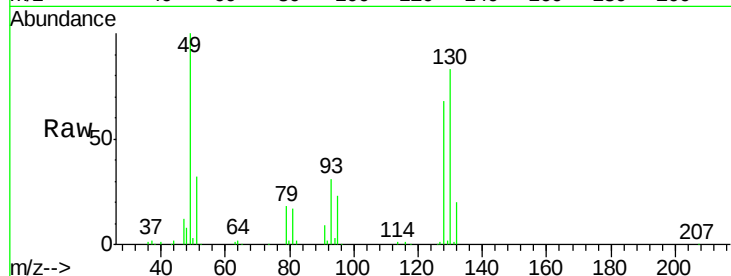
Tot Ion:128 Resp: 49060

Ion Ratio Lower Upper

128 100

49 151.1 0.0 377.8

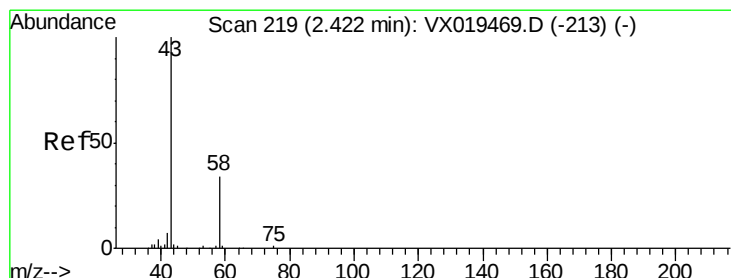
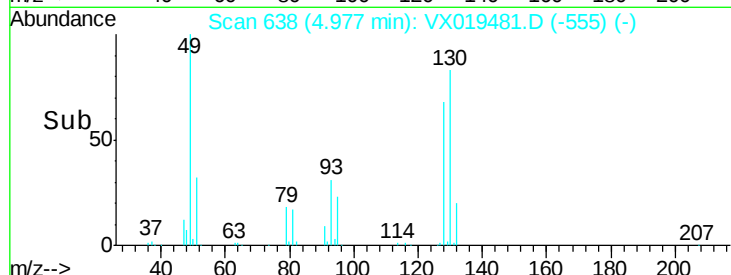
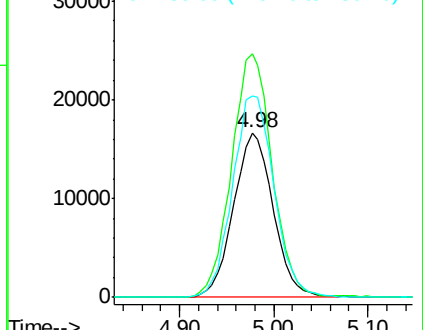
130 128.2 0.0 324.0



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



#15

Acetone

Concen: 4.444 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019481.D

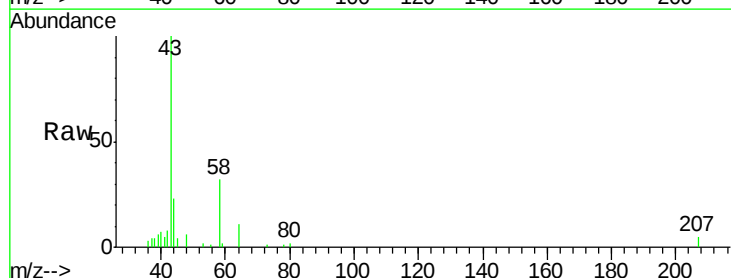
Acq: 19 Nov 2020 21:14

Tgt Ion: 58 Resp: 2050

Ion Ratio Lower Upper

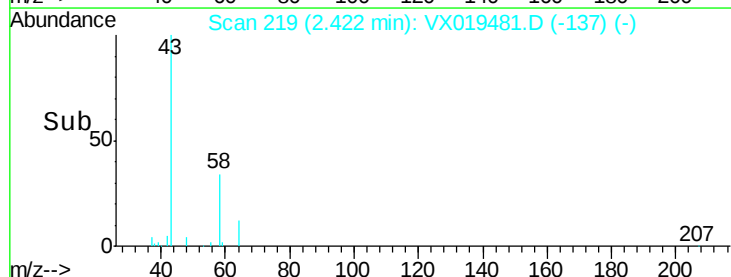
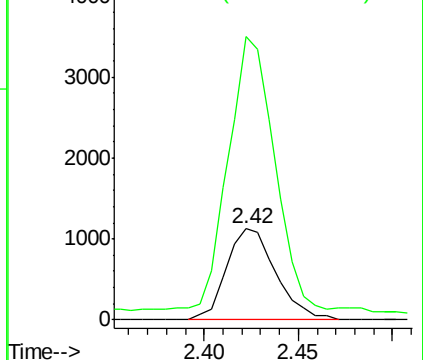
58 100

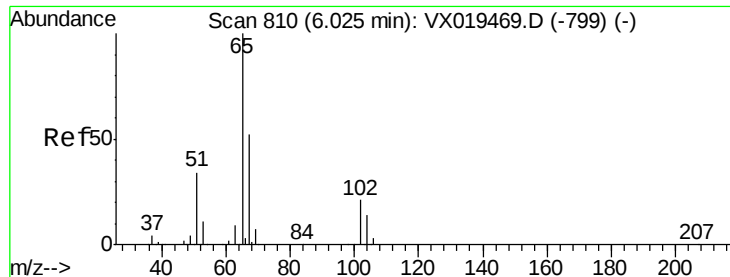
43 297.7 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.748 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019481.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_X

ClientSampleId :

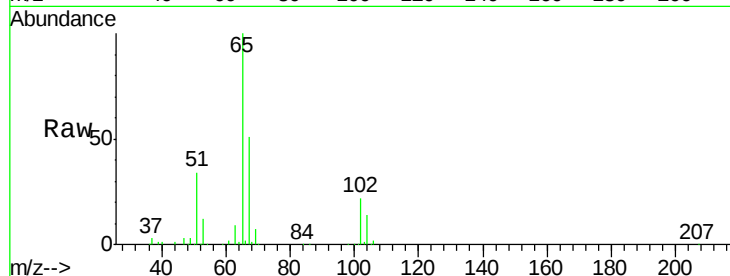
TT-024-IDW/GW-20201118

Tot Ion: 65 Resp: 108418

Ion Ratio Lower Upper

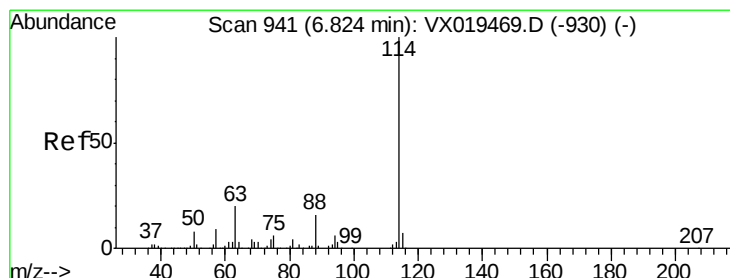
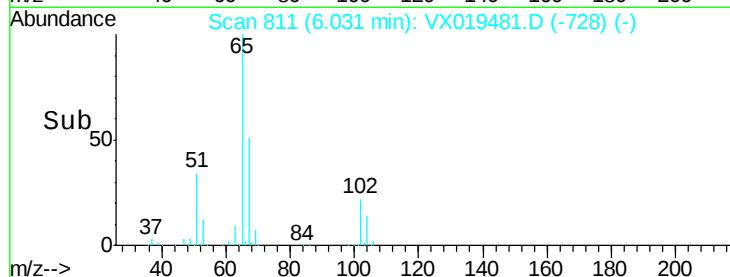
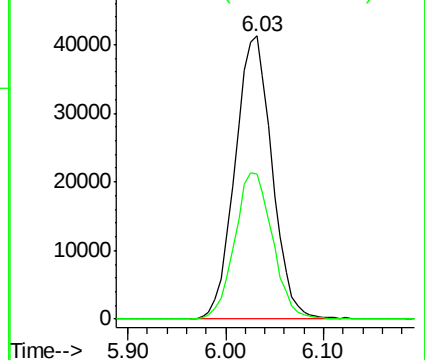
65 100

67 52.9 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: VX019481.D

Acq: 19 Nov 2020 21:14

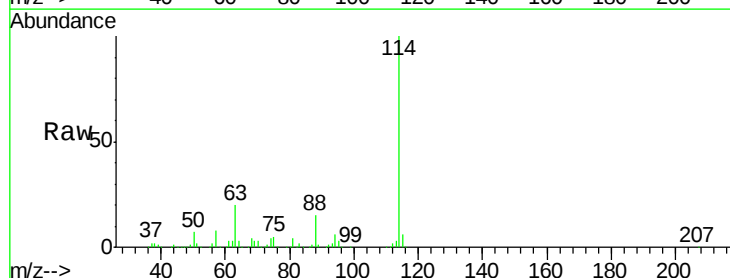
Tgt Ion: 114 Resp: 266790

Ion Ratio Lower Upper

114 100

63 20.1 16.2 24.2

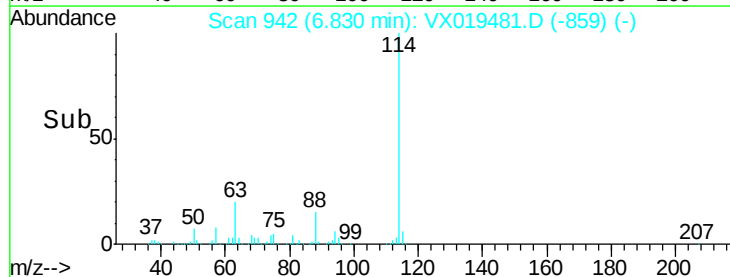
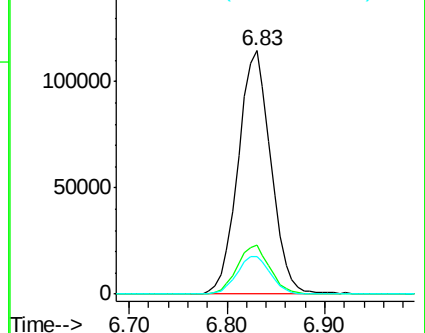
88 15.9 12.9 19.3

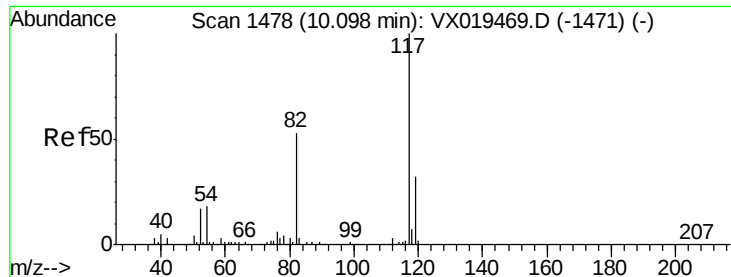


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

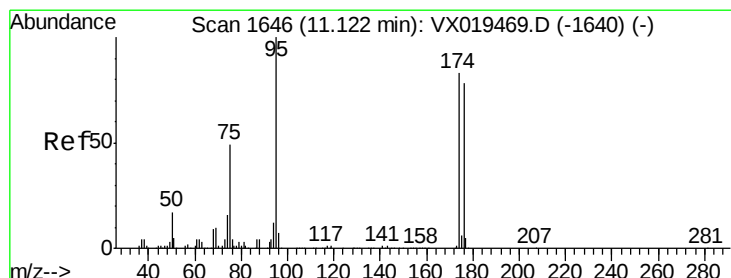
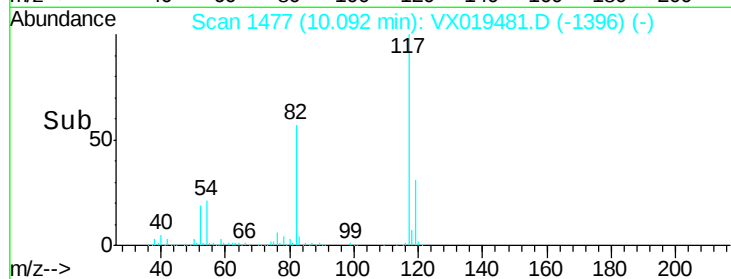
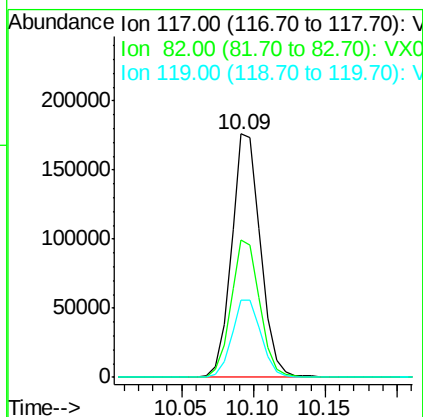
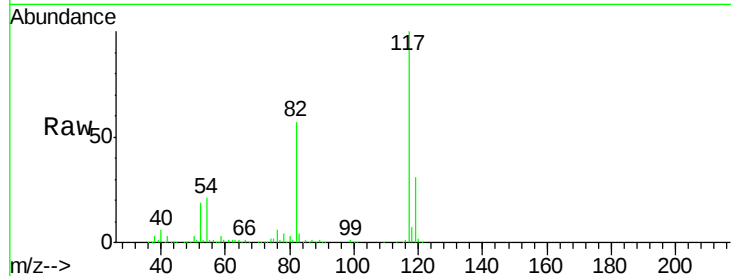




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019481.D
Acq: 19 Nov 2020 21:14

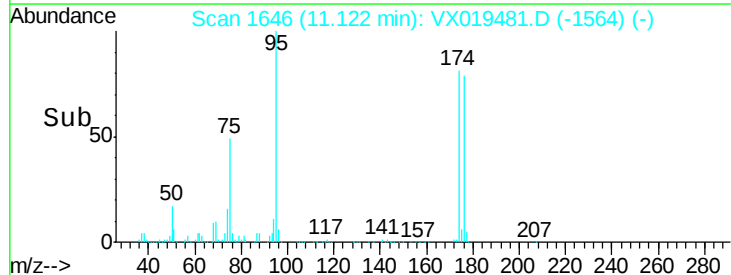
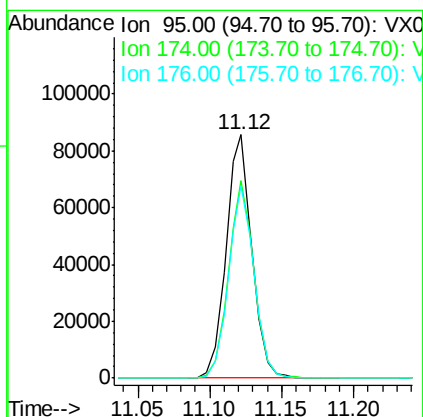
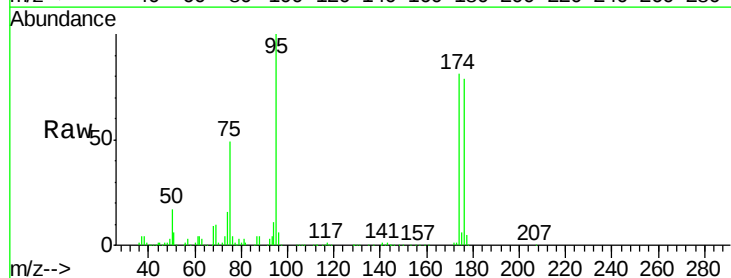
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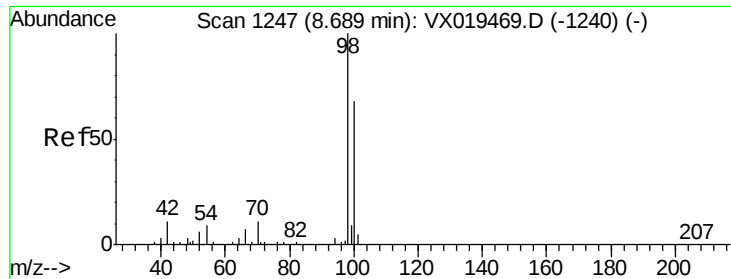
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.5	66.7
119	32.4	25.9	38.9



#60
4-Bromofluorobenzene
Concen: 26.725 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019481.D
Acq: 19 Nov 2020 21:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.0	63.5	95.3
176	78.2	59.8	89.6





#63

Toluene-d8

Concen: 28.857 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019481.D

Acq: 19 Nov 2020 21:14

Instrument :

MSVOA_X

ClientSampleId :

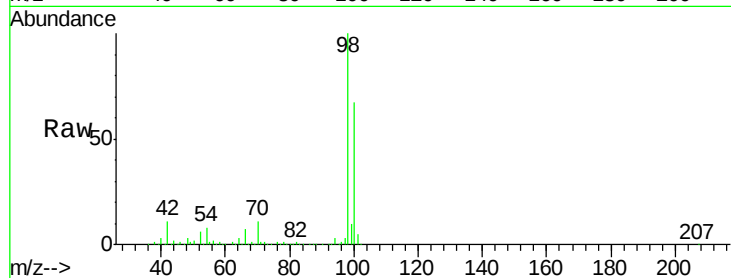
TT-024-IDW/GW-20201118

Tot Ion: 98 Resp: 317455

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

