

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018487.D
 Acq On : 18 Sep 2020 13:06
 Operator : JC/SP
 Sample : L4050-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200916001-02-TRIP-BLANK

Quant Time: Sep 21 06:57:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	71402	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	366378	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	334971	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	176794	31.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.60%
60) 4-Bromofluorobenzene	11.12	95	156349	26.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.77%
63) Toluene-d8	8.70	98	428592	29.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.77%

Target Compounds

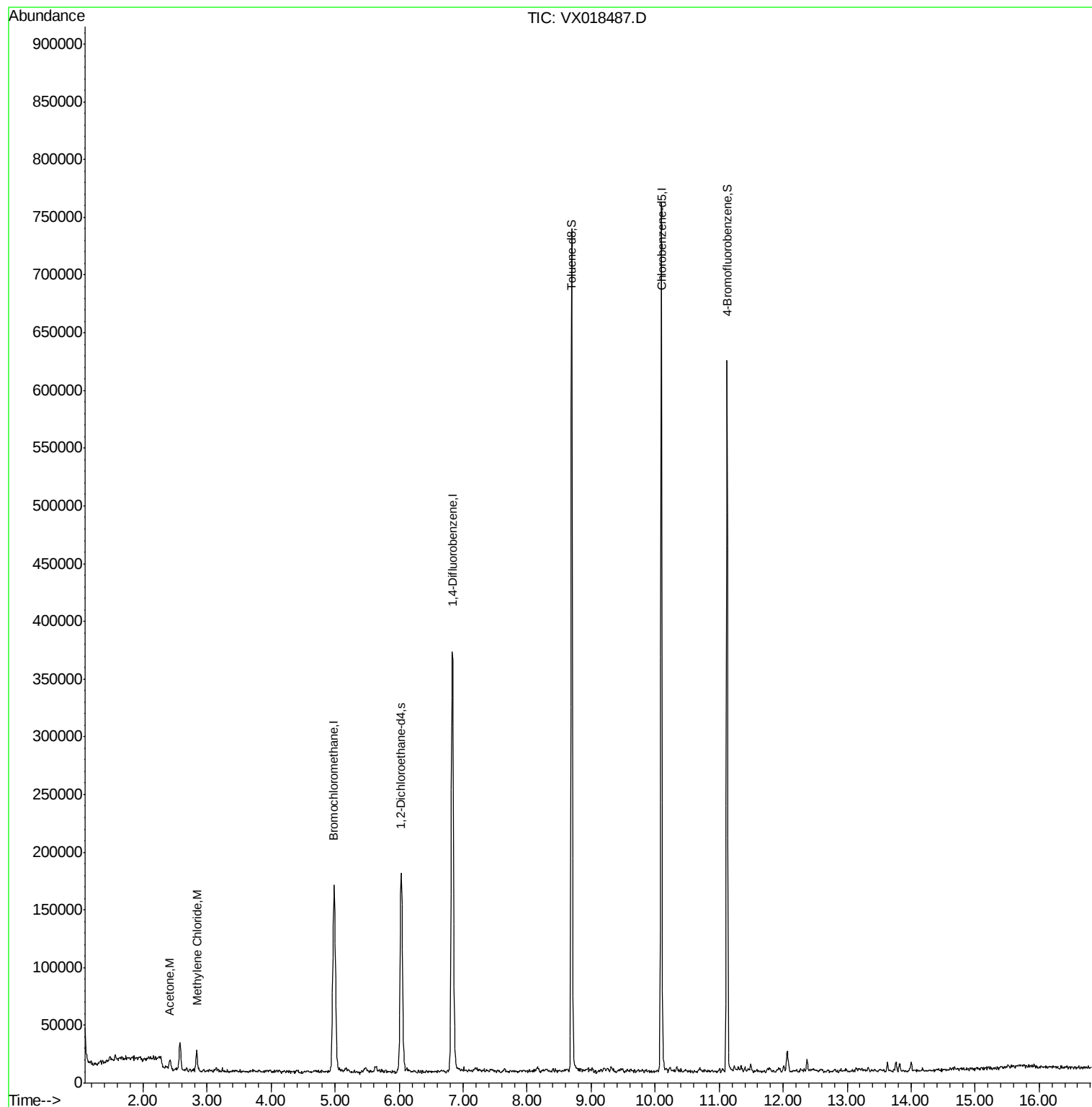
					Ovalue
15) Acetone	2.42	58	3240	5.562 ug/l	91
18) Methylene Chloride	2.84	84	7349	1.743 ug/l #	87

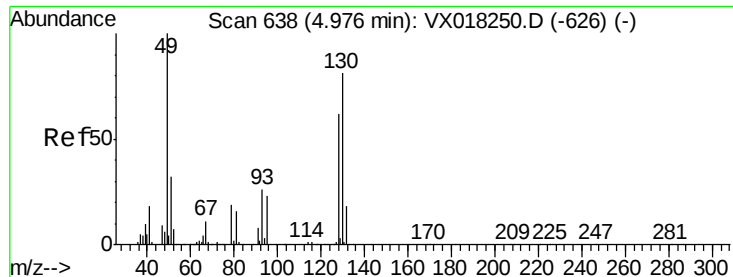
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018487.D

Acq: 18 Sep 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

200916001-02-TRIP-BLANK

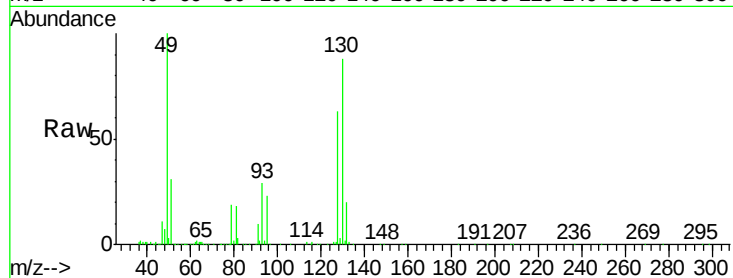
Tot Ion:128 Resp: 71402

Ion Ratio Lower Upper

128 100

49 153.5 0.0 392.0

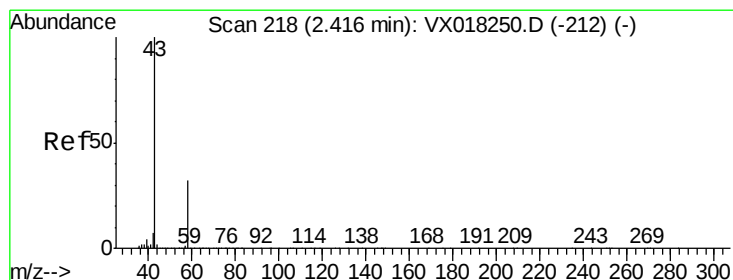
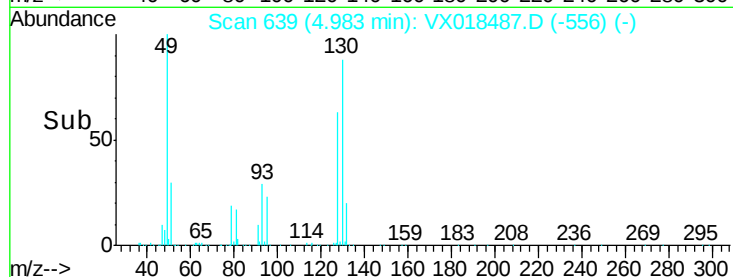
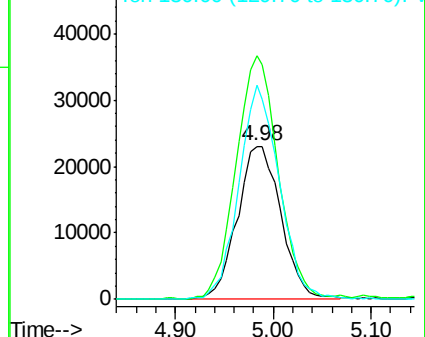
130 126.5 0.0 320.2



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: 5.562 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018487.D

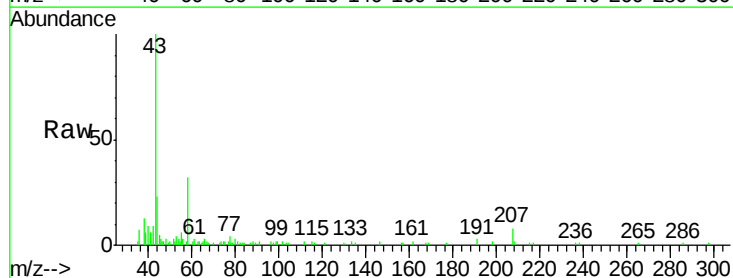
Acq: 18 Sep 2020 13:06

Tgt Ion: 58 Resp: 3240

Ion Ratio Lower Upper

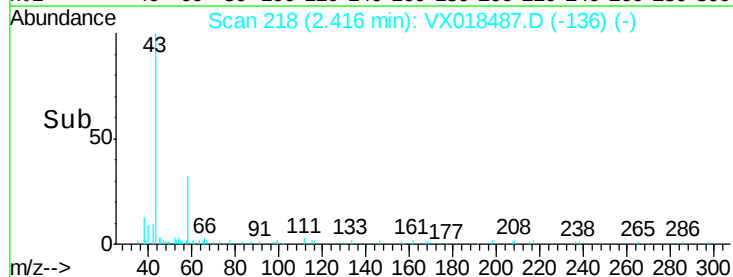
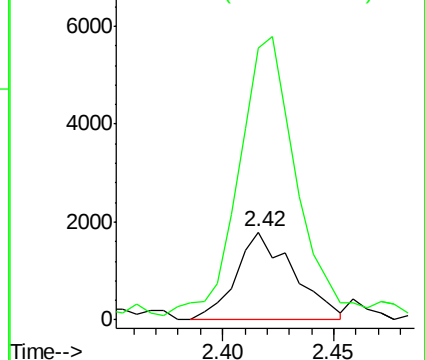
58 100

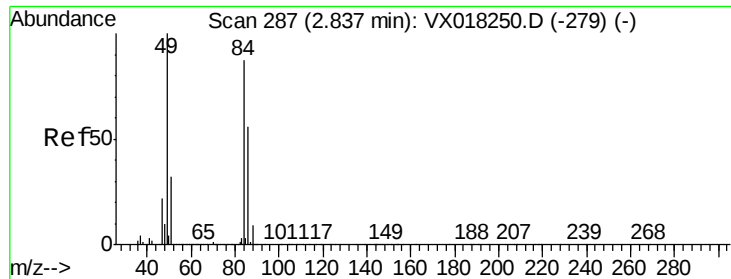
43 291.6 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

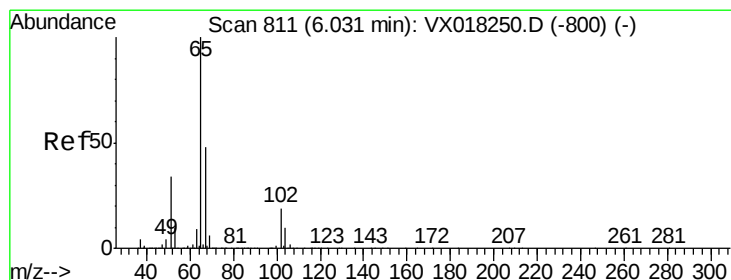
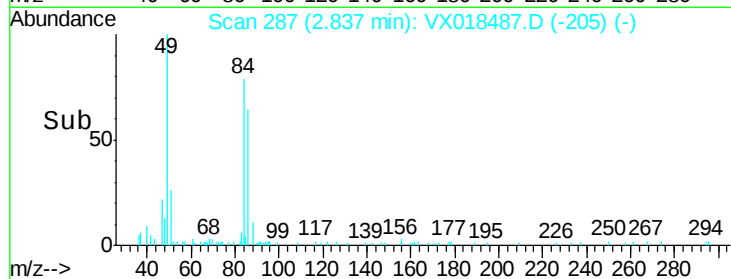
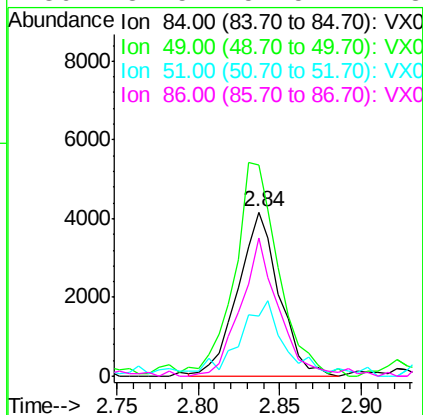
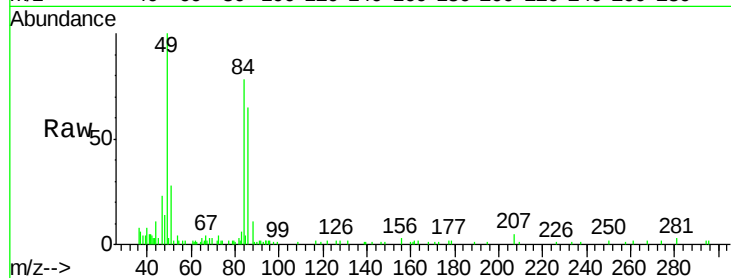




#18
Methvlene Chloride
Concen: 1.743 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018487.D
Acq: 18 Sep 2020 13:06

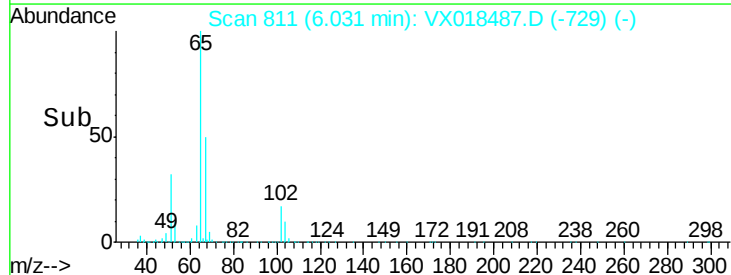
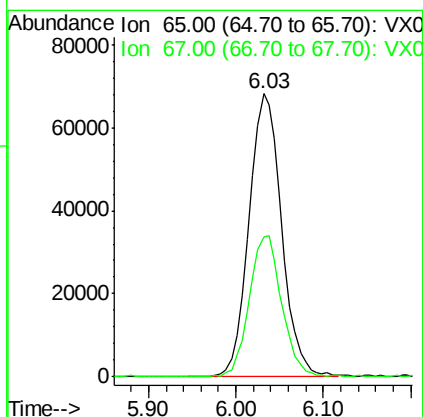
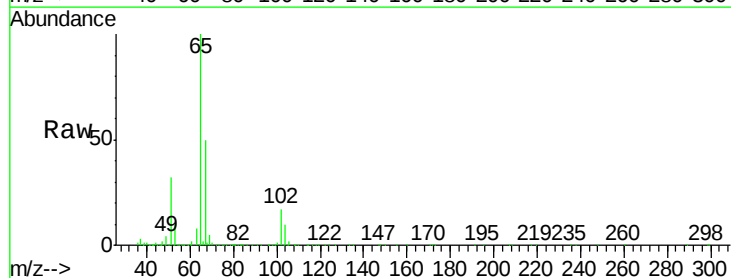
Instrument :
MSVOA_X
ClientSampleId :
200916001-02-TRIP-BLANK

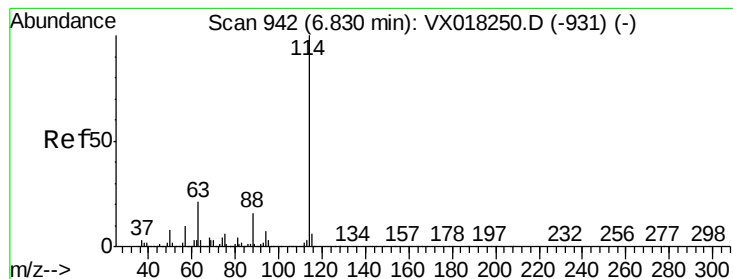
Tot Ion: 84 Resp: 7349
Ion Ratio Lower Upper
84 100
49 124.5 91.6 137.4
51 33.5 29.4 44.0
86 82.5 51.5 77.3#



#27
1,2-Dichloroethane-d4
Concen: 31.384 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018487.D
Acq: 18 Sep 2020 13:06

Tgt Ion: 65 Resp: 176794
Ion Ratio Lower Upper
65 100
67 49.2 39.9 59.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018487.D

Acq: 18 Sep 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

200916001-02-TRIP-BLANK

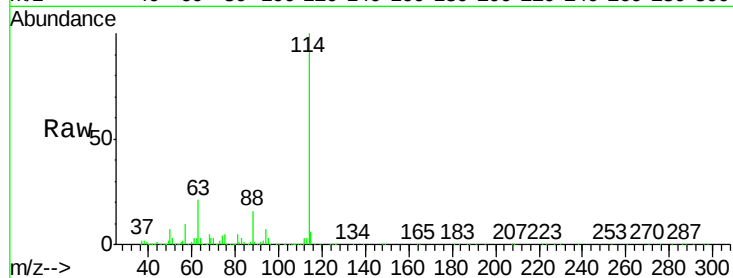
Tot Ion:114 Resp: 366378

Ion Ratio Lower Upper

114 100

63 21.2 16.7 25.1

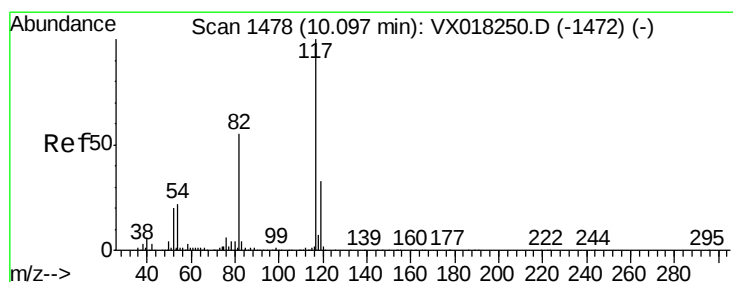
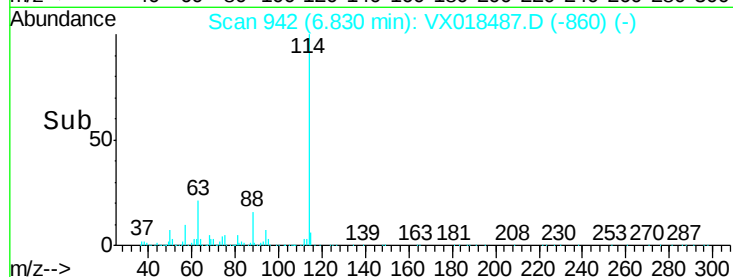
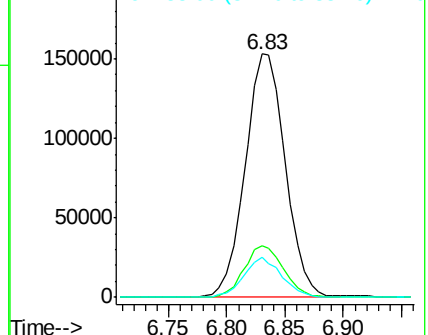
88 15.3 12.6 18.8



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: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018487.D

Acq: 18 Sep 2020 13:06

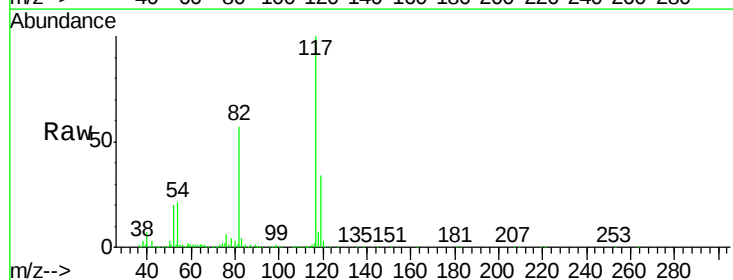
Tgt Ion:117 Resp: 334971

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.4

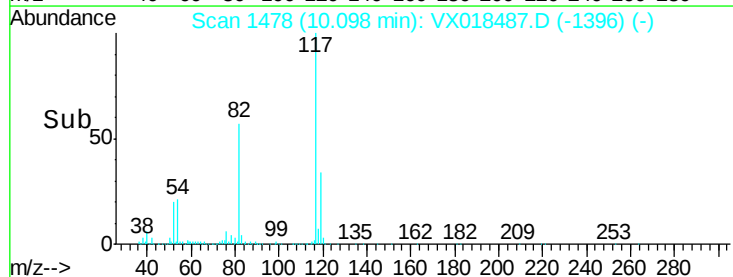
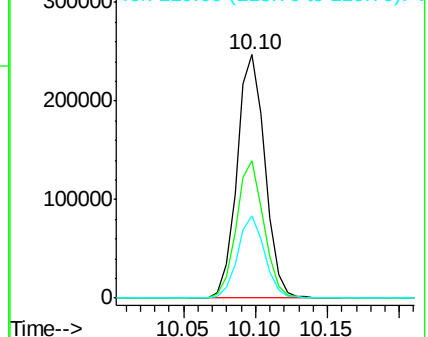
119 32.6 26.1 39.1

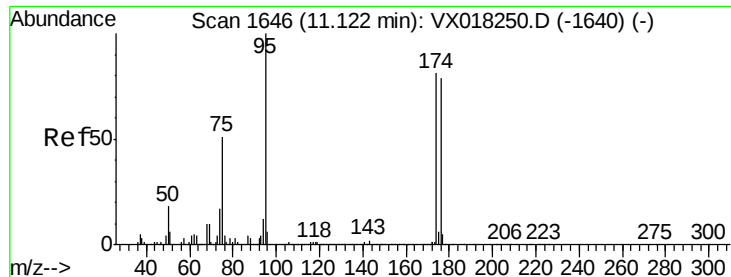


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 26.929 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018487.D

Acq: 18 Sep 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

200916001-02-TRIP-BLANK

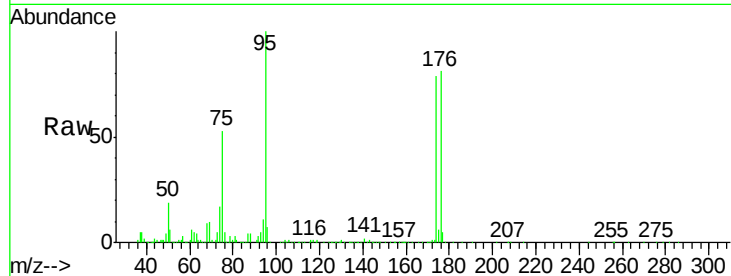
Tot Ion: 95 Resp: 156349

Ion Ratio Lower Upper

95 100

174 81.4 64.2 96.4

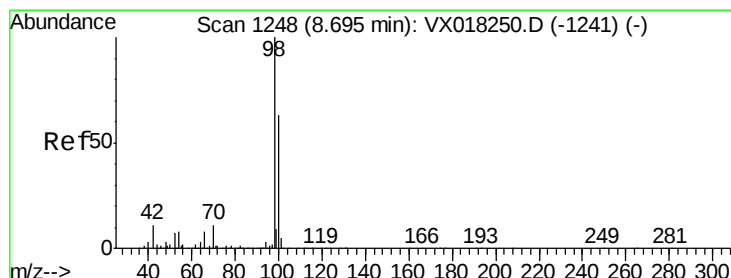
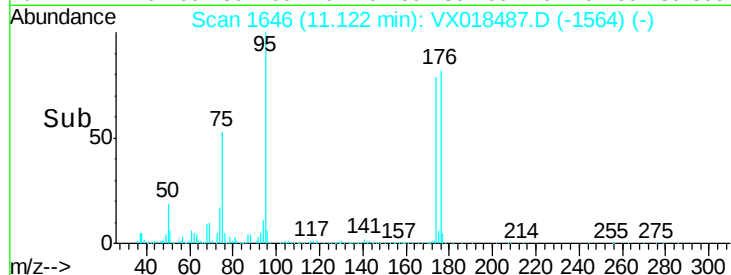
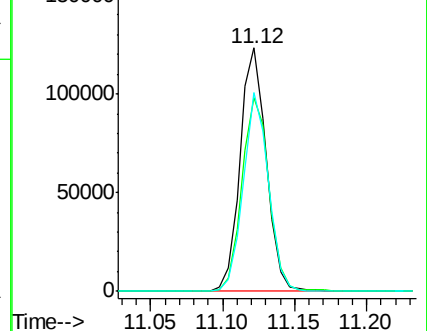
176 78.4 62.2 93.4



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 29.029 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018487.D

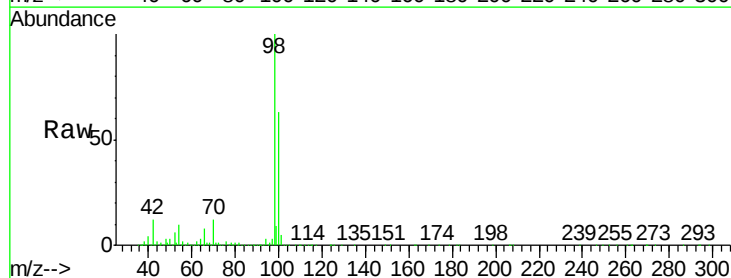
Acq: 18 Sep 2020 13:06

Tgt Ion: 98 Resp: 428592

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

