

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019981.D
 Acq On : 14 Dec 2020 13:09
 Operator : JC/MD
 Sample : L5059-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CALTANK2-20201209

Quant Time: Dec 15 14:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	306499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	499151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	193103	47.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.88%
35) Dibromofluoromethane	5.46	113	156096	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.70	98	608772	49.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.86%
62) 4-Bromofluorobenzene	11.12	95	209757	44.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.50%

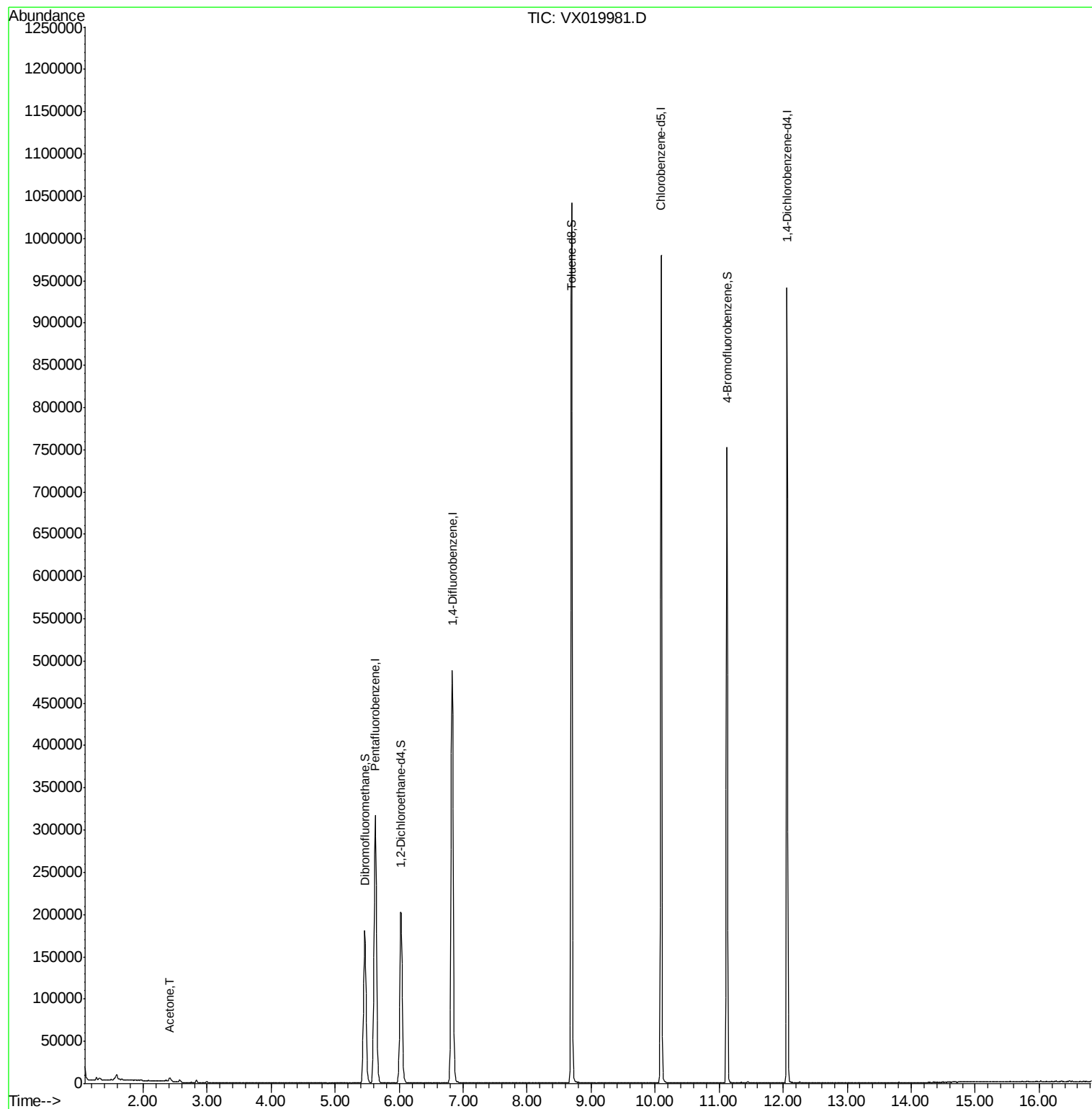
Target Compounds					Qvalue
16) Acetone	2.42	43	3775	2.493 ug/l	99

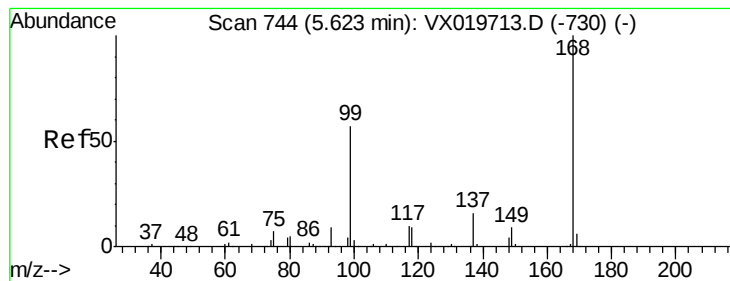
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

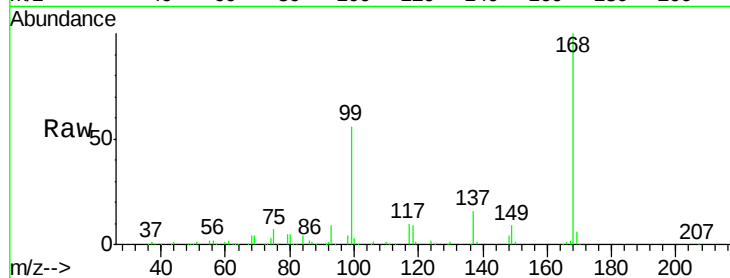
CALTANK2-20201209

Tot Ion:168 Resp: 306499

Ion Ratio Lower Upper

168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

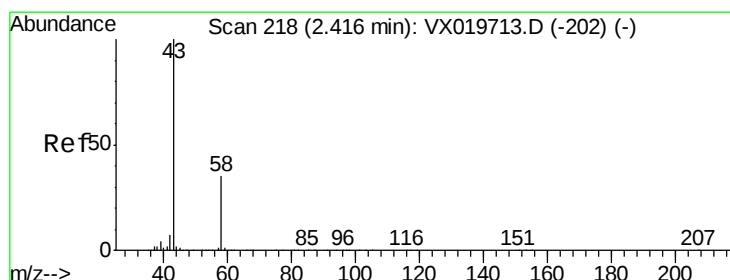
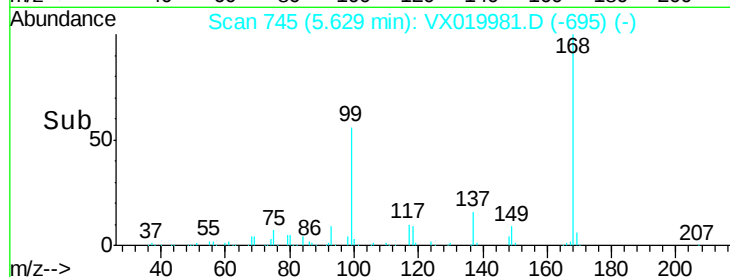
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.493 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019981.D

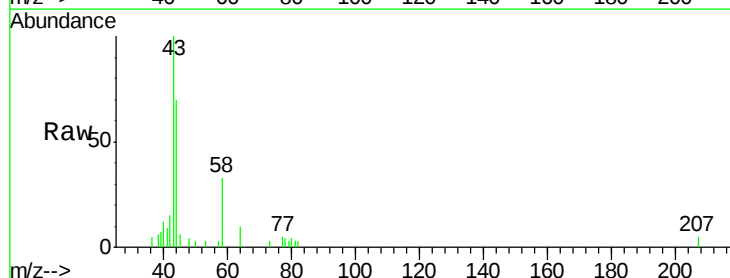
Acq: 14 Dec 2020 13:09

Tgt Ion: 43 Resp: 3775

Ion Ratio Lower Upper

43 100

58 34.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

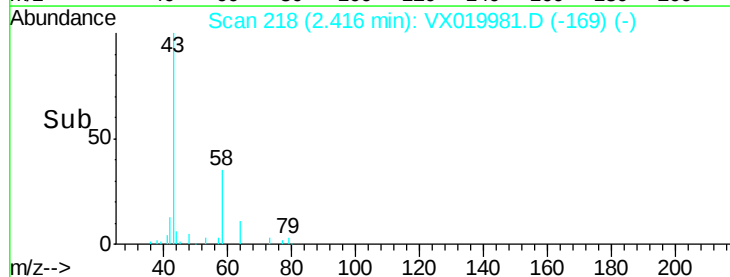
1500

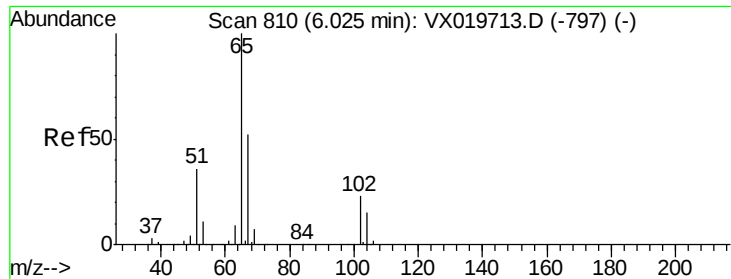
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.937 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

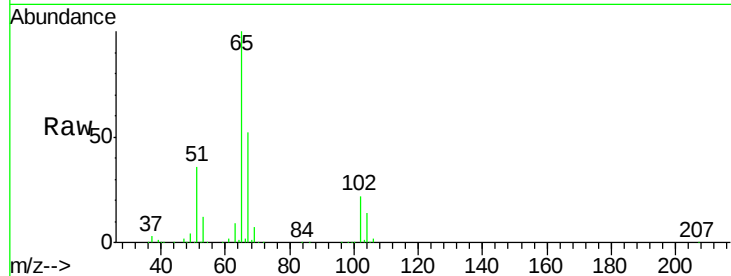
CALTANK2-20201209

Tot Ion: 65 Resp: 193103

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

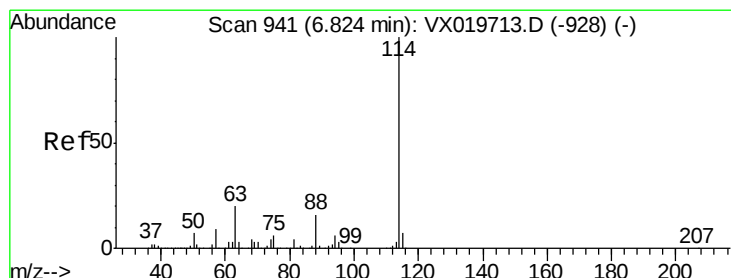
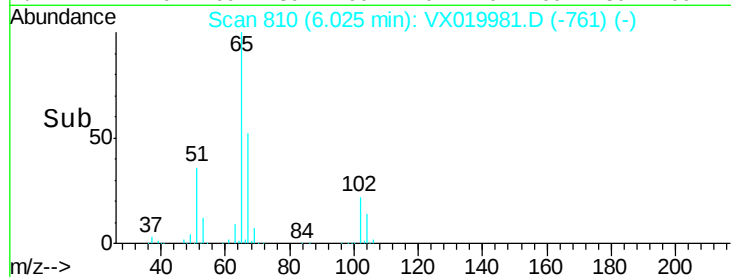
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

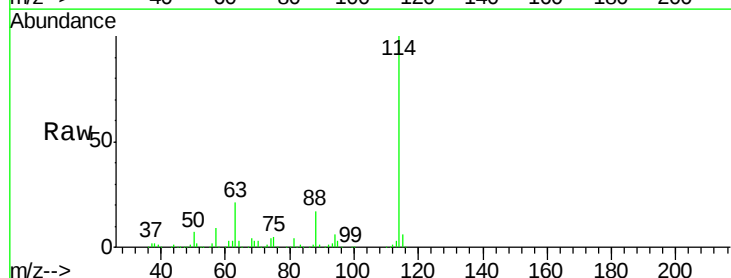
Tgt Ion: 114 Resp: 499151

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 16.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

250000

200000

150000

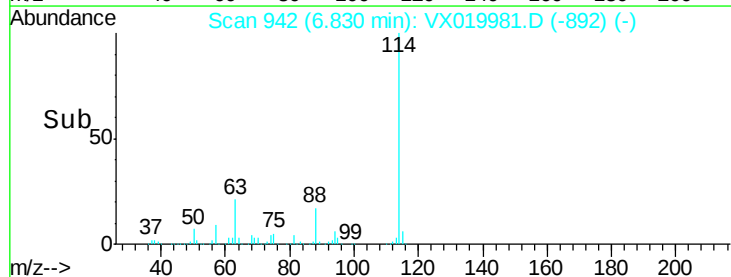
100000

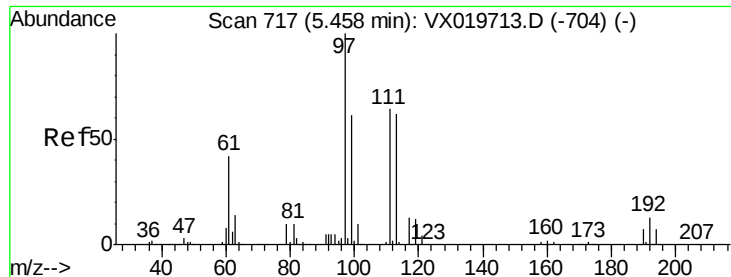
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.388 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

CALTANK2-20201209

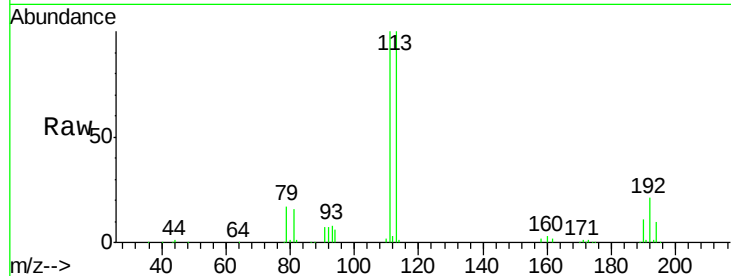
Tot Ion:113 Resp: 156096

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

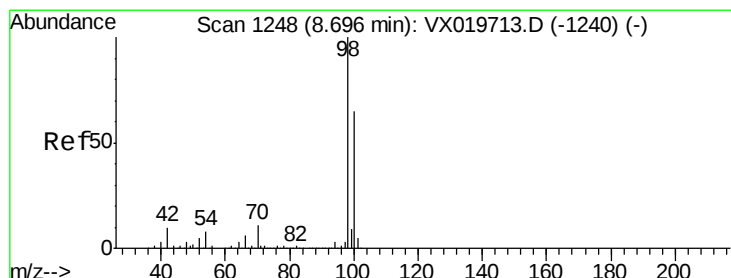
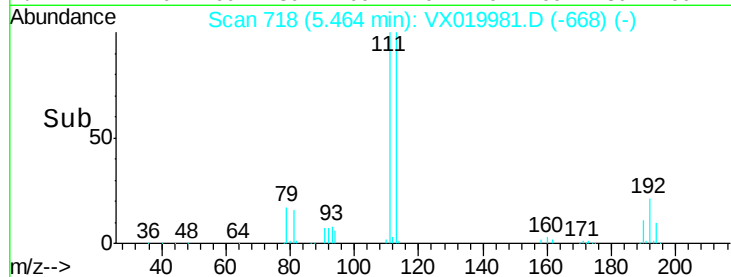
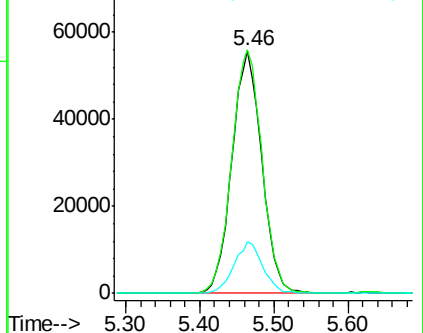
192 20.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.430 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019981.D

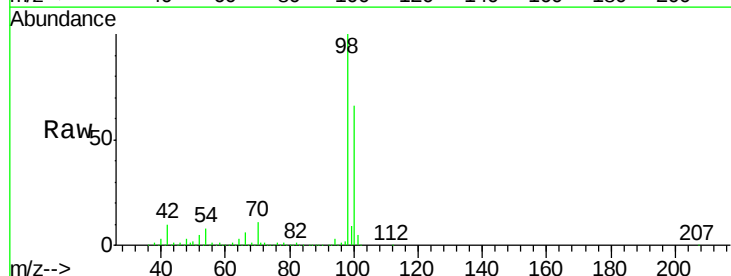
Acq: 14 Dec 2020 13:09

Tgt Ion: 98 Resp: 608772

Ion Ratio Lower Upper

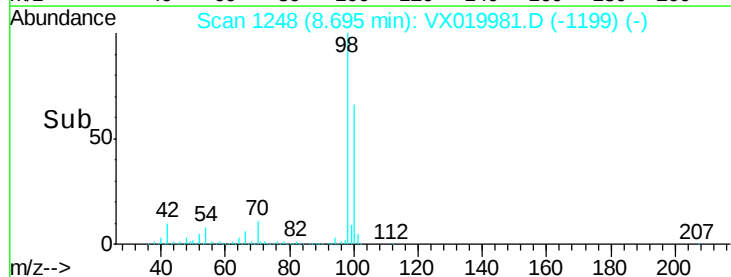
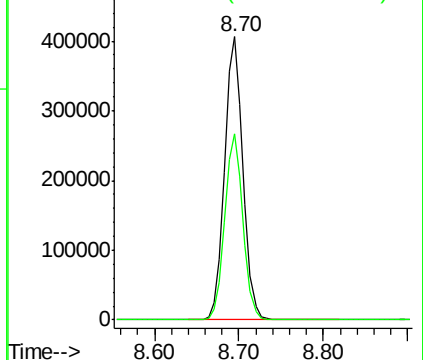
98 100

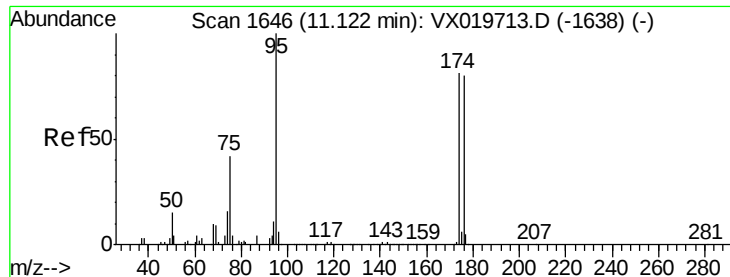
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.748 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

CALTANK2-20201209

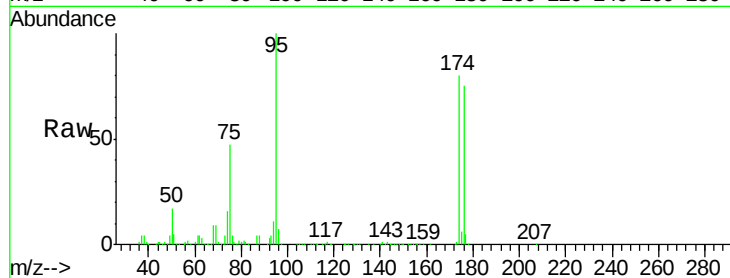
Tot Ion: 95 Resp: 209757

Ion Ratio Lower Upper

95 100

174 76.7 0.0 154.6

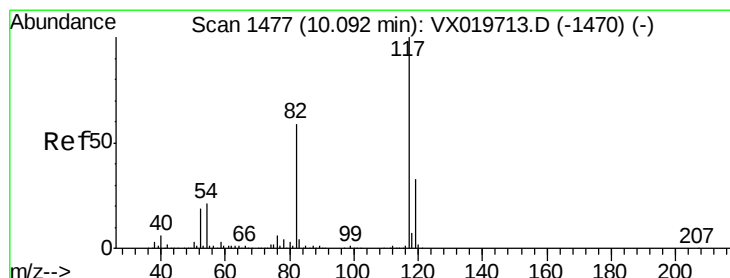
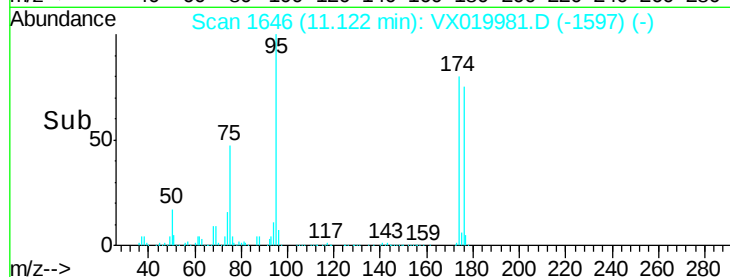
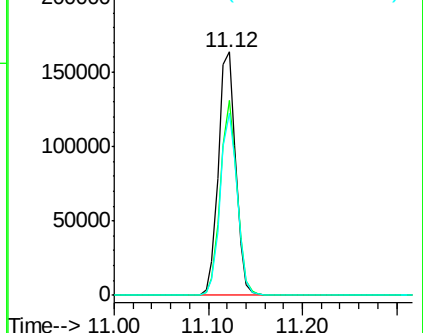
176 73.5 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

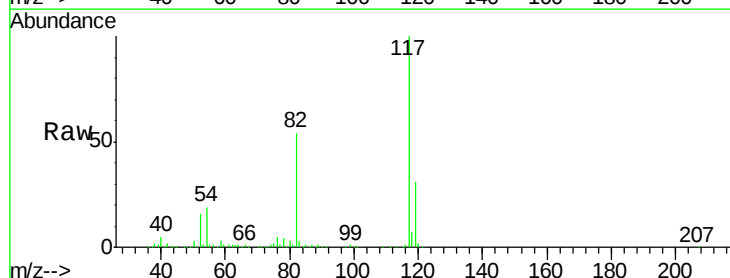
Tgt Ion: 117 Resp: 459111

Ion Ratio Lower Upper

117 100

82 54.1 47.4 71.2

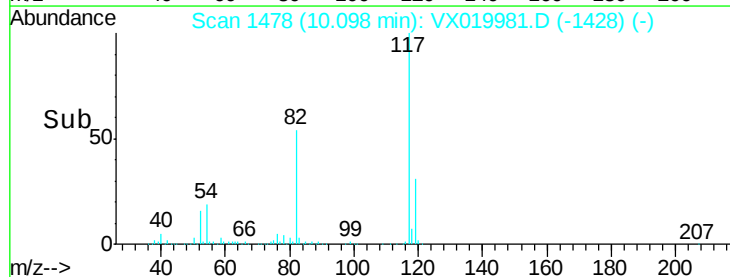
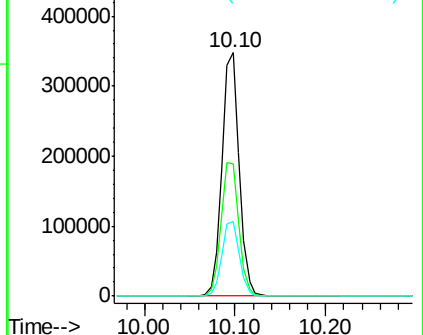
119 30.8 26.6 39.8

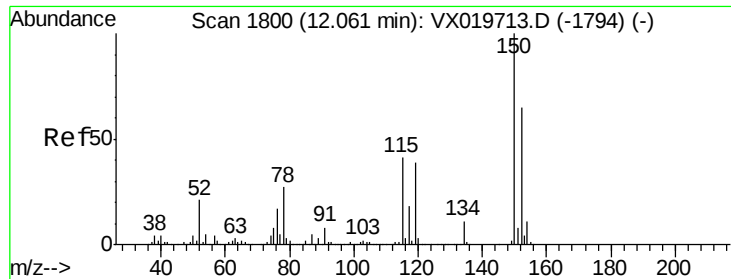


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019981.D

Acq: 14 Dec 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

CALTANK2-20201209

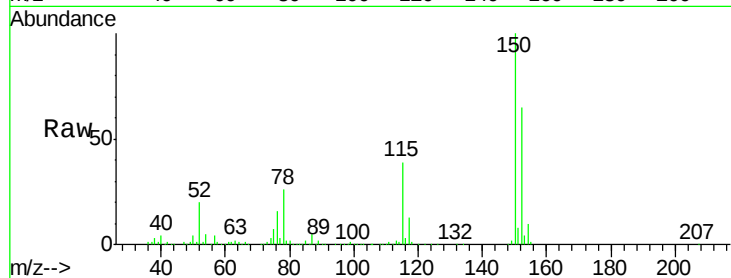
Tot Ion:152 Resp: 189115

Ion Ratio Lower Upper

152 100

115 61.1 41.1 123.3

150 159.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

