

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019821.D
 Acq On : 10 Dec 2020 13:34
 Operator : JC/MD
 Sample : L5020-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201209001-02-TRIP-BLANK

Quant Time: Dec 11 01:29:43 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

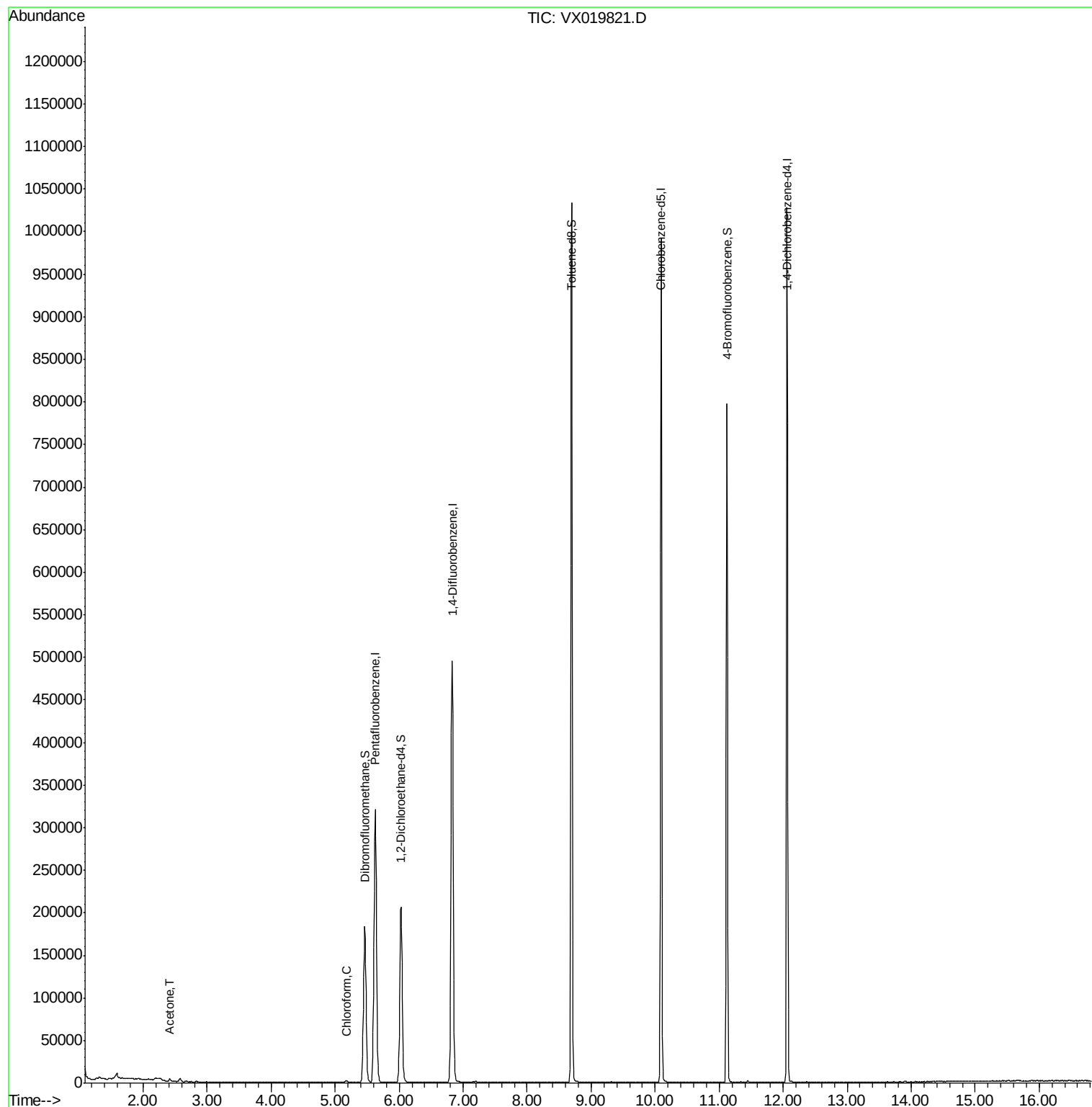
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	196776	47.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.84%		
35) Dibromofluoromethane	5.46	113	159744	47.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.90%		
50) Toluene-d8	8.70	98	621674	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.12	95	220419	45.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.06%		
Target Compounds						
16) Acetone	2.42	43	3261	2.113	ug/l	99
30) Chloroform	5.17	83	2516	0.415	ug/l	96

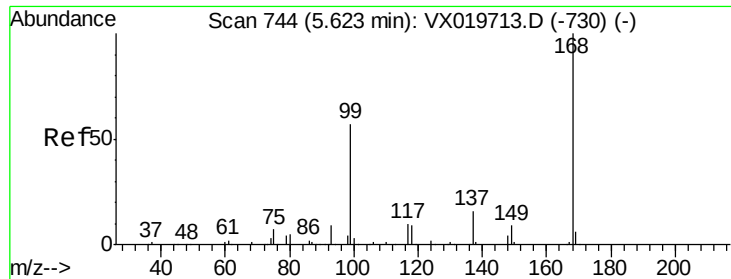
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

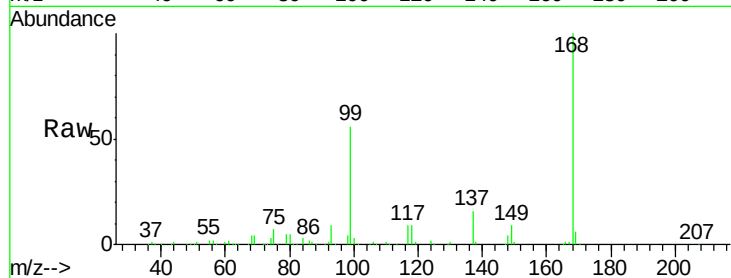
201209001-02-TRIP-BLANK

Tot Ion:168 Resp: 312459

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

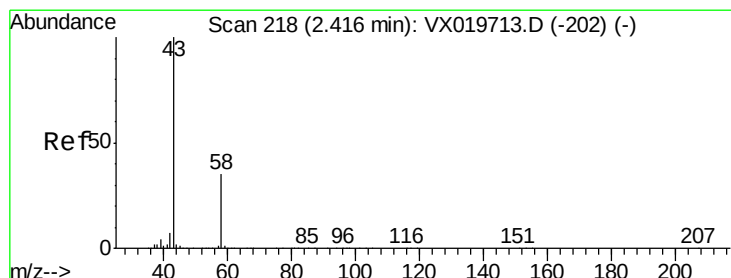
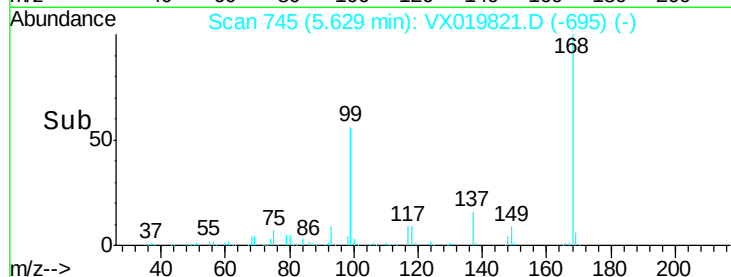
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.113 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019821.D

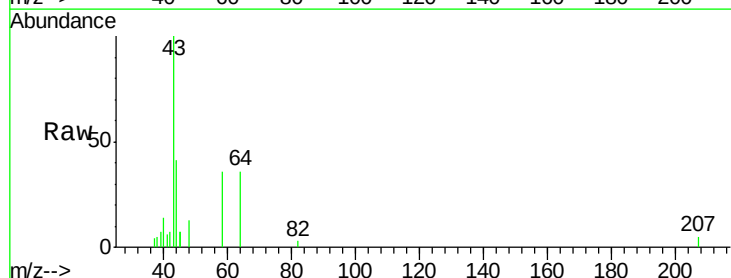
Acq: 10 Dec 2020 13:34

Tgt Ion: 43 Resp: 3261

Ion Ratio Lower Upper

43 100

58 35.6 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

2000

1500

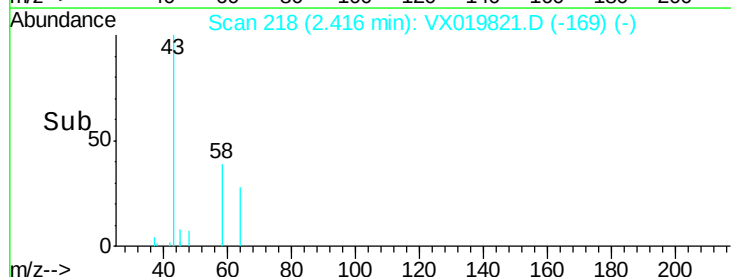
1000

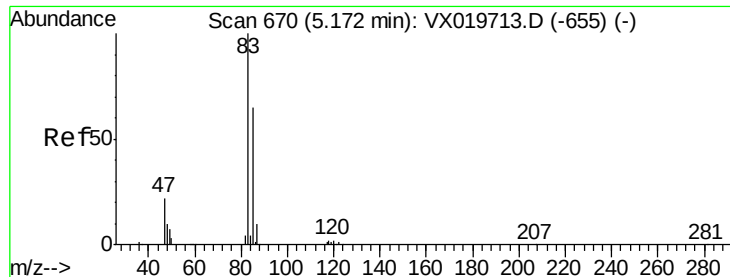
500

0

Time-->

2.35 2.40 2.45 2.50

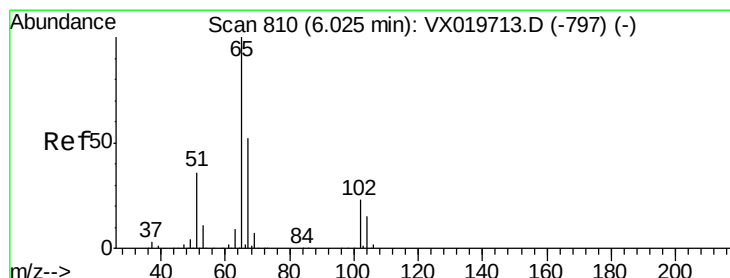
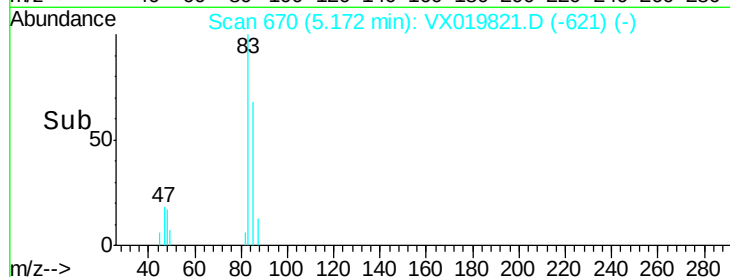
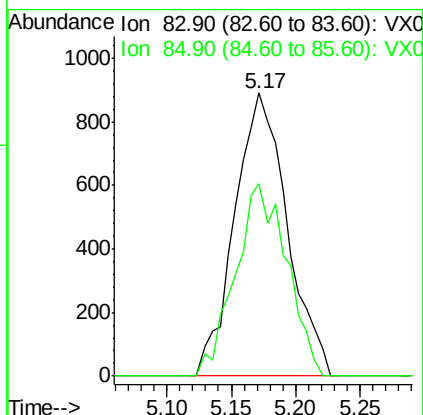
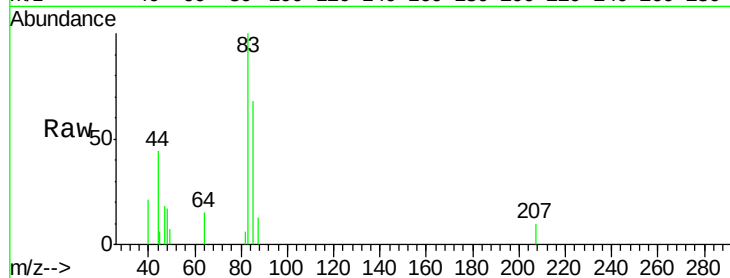




#30
Chloroform
Concen: 0.415 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

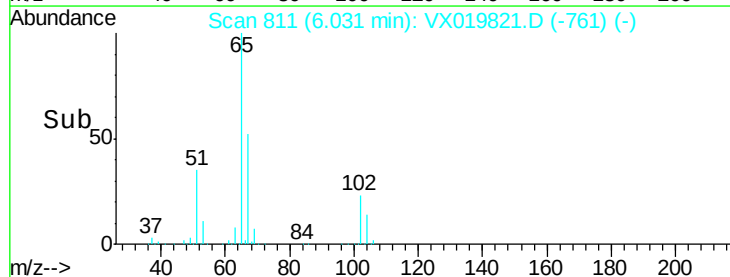
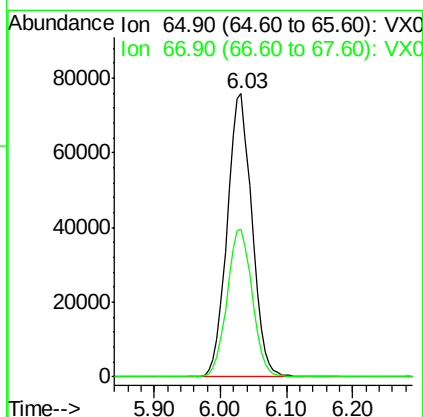
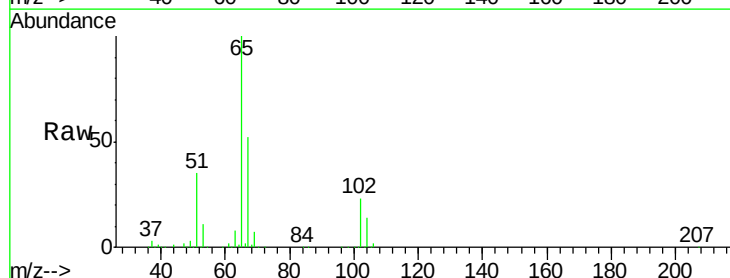
Instrument :
MSVOA_X
ClientSampleId :
201209001-02-TRIP-BLANK

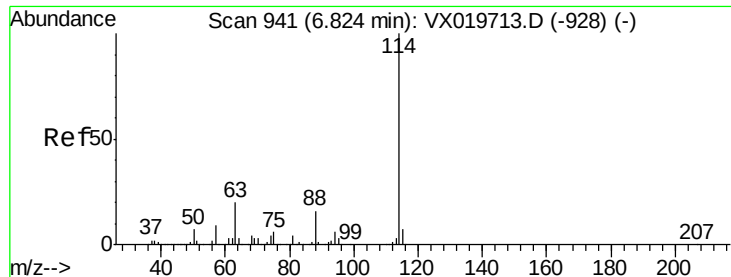
Tot Ion: 83 Resp: 2516
Ion Ratio Lower Upper
83 100
85 67.9 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.917 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

Tgt Ion: 65 Resp: 196776
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

201209001-02-TRIP-BLANK

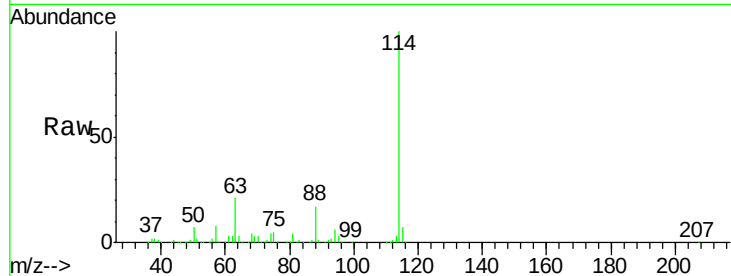
Tot Ion:114 Resp: 515488

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

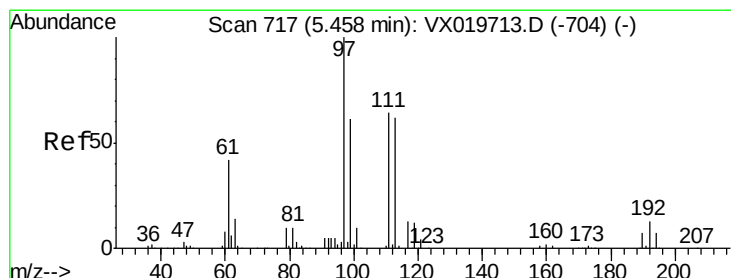
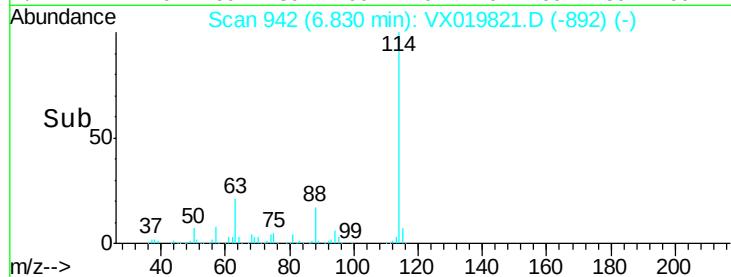
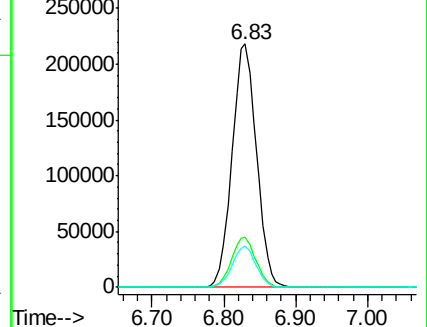
88 16.8 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 47.949 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

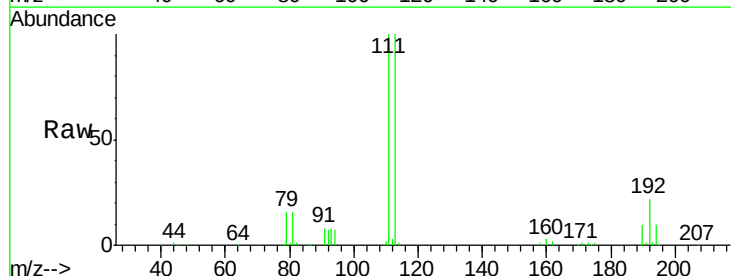
Tgt Ion:113 Resp: 159744

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

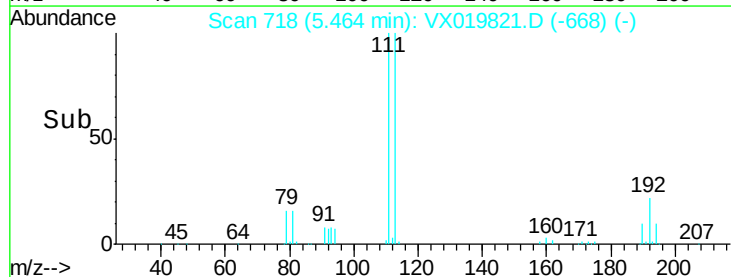
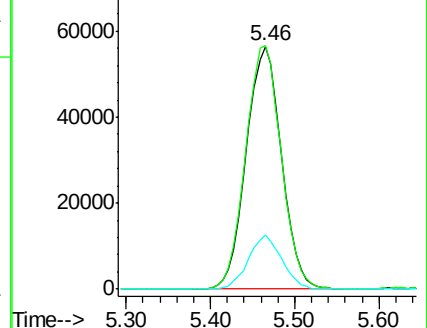
192 21.1 16.7 25.1

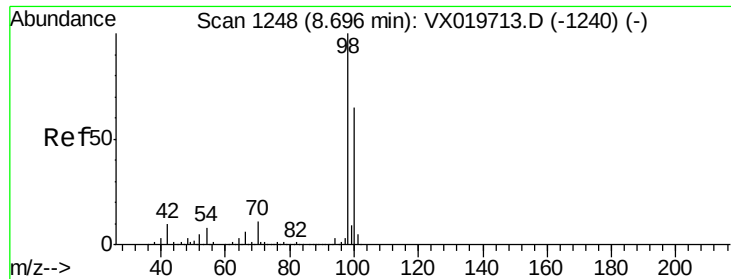


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.878 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

Instrument :

MSVOA_X

ClientSampleId :

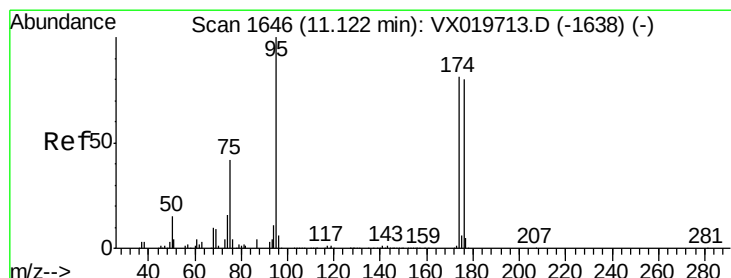
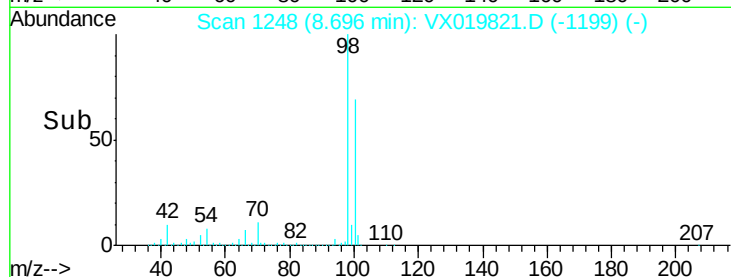
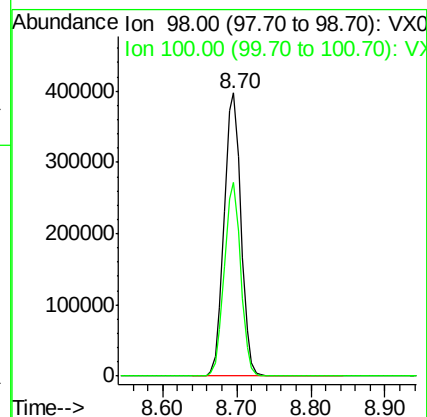
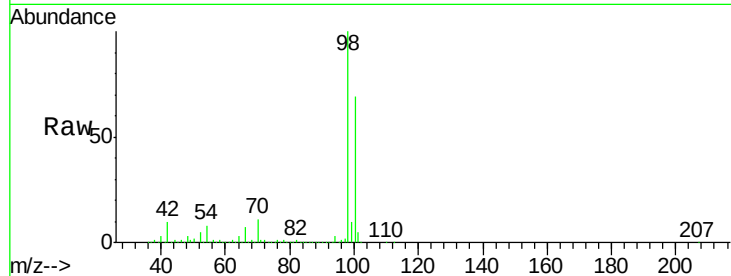
201209001-02-TRIP-BLANK

Tot Ion: 98 Resp: 621674

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.532 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019821.D

Acq: 10 Dec 2020 13:34

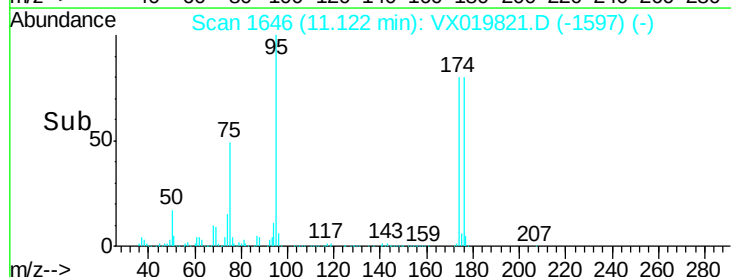
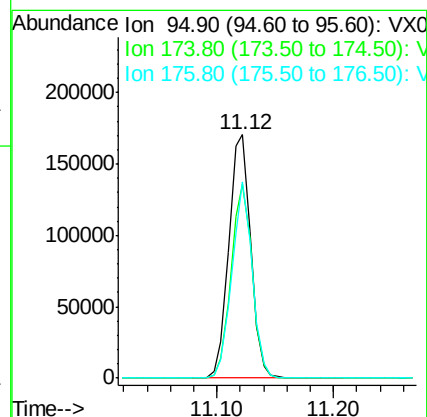
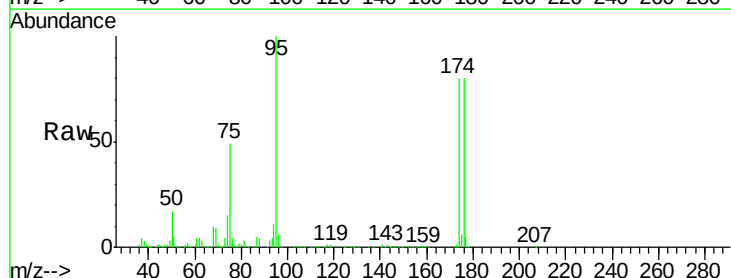
Tgt Ion: 95 Resp: 220419

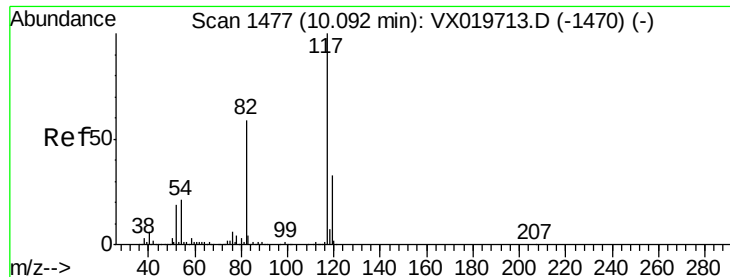
Ion Ratio Lower Upper

95 100

174 77.5 0.0 154.6

176 75.0 0.0 155.8

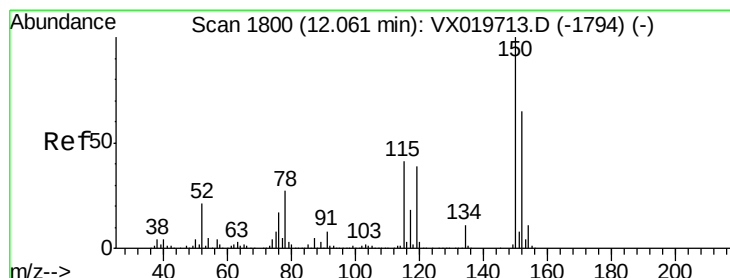
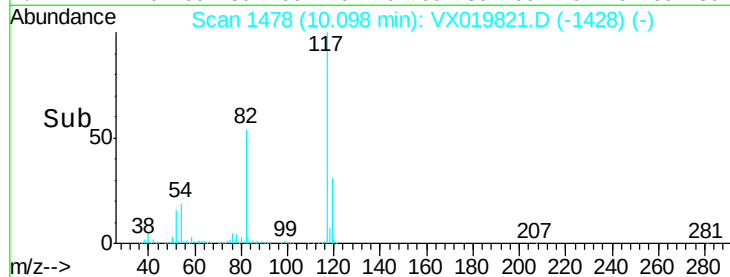
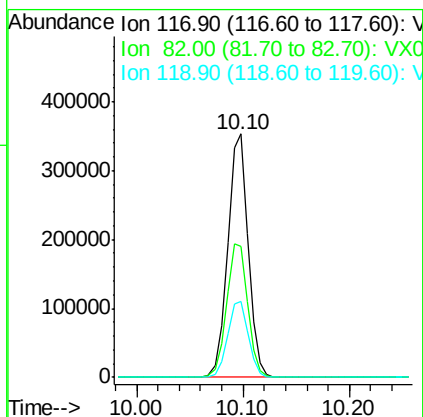
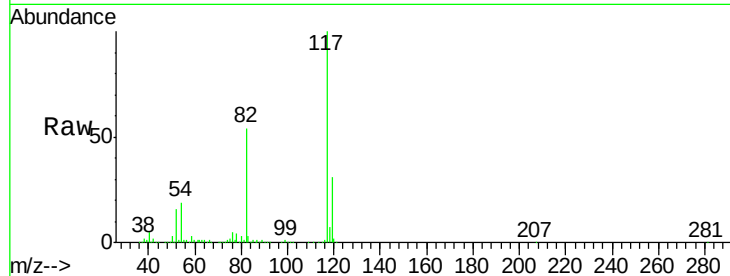




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

Instrument :
MSVOA_X
ClientSampleId :
201209001-02-TRIP-BLANK

Tot Ion:117 Resp: 474708
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019821.D
Acq: 10 Dec 2020 13:34

Tgt Ion:152 Resp: 209295
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 154.8 0.0 349.0

