

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019728.D
 Acq On : 04 Dec 2020 19:40
 Operator : JC/MD
 Sample : L4953-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK-39-120320

Quant Time: Dec 05 04:37:39 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	332316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	543507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	489231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216823	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204611	46.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.70%		
35) Dibromofluoromethane	5.46	113	165585	47.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.28%		
50) Toluene-d8	8.70	98	653856	48.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.52%		
62) 4-Bromofluorobenzene	11.12	95	230029	45.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.14%		

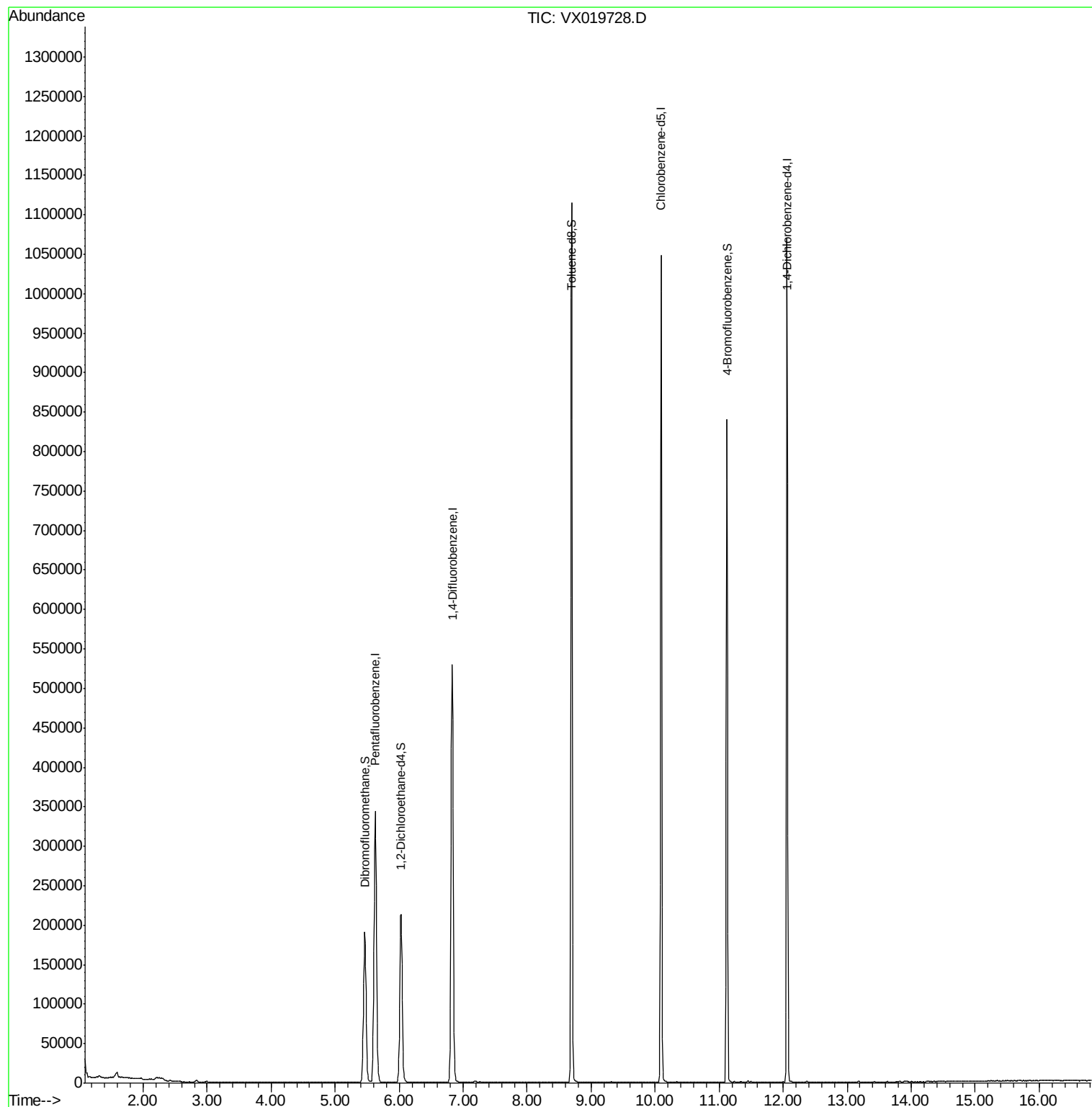
Target Compounds	Qvalue

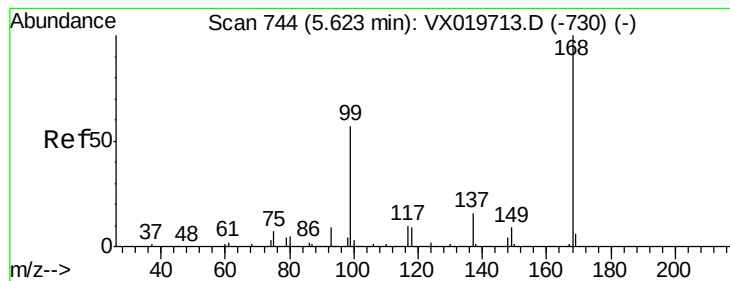
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

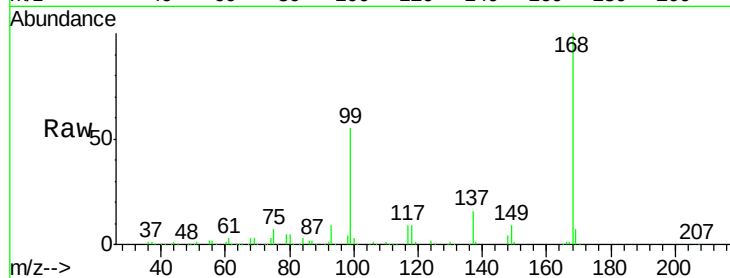
TRIP-BLANK-39-120320

Tot Ion:168 Resp: 332316

Ion Ratio Lower Upper

168 100

99 54.5 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

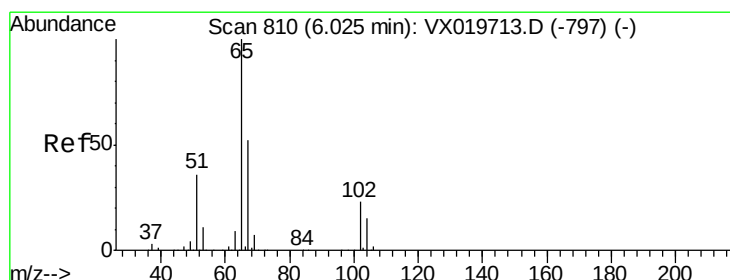
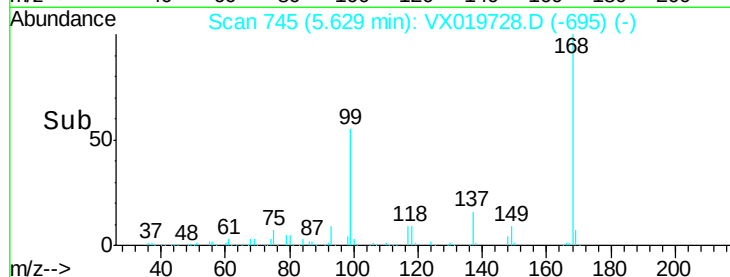
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.847 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019728.D

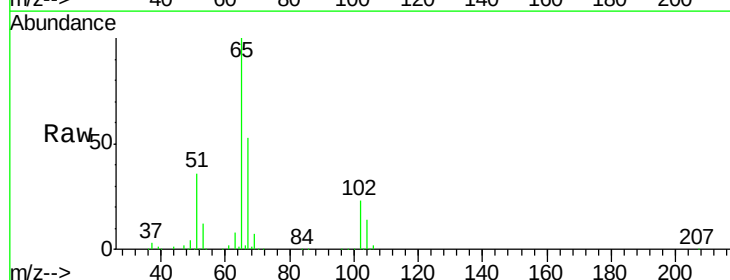
Acq: 04 Dec 2020 19:40

Tgt Ion: 65 Resp: 204611

Ion Ratio Lower Upper

65 100

67 53.1 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

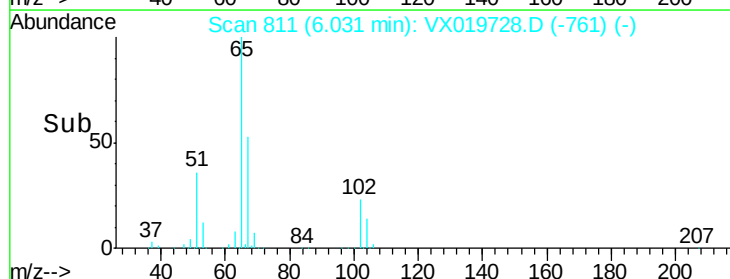
40000

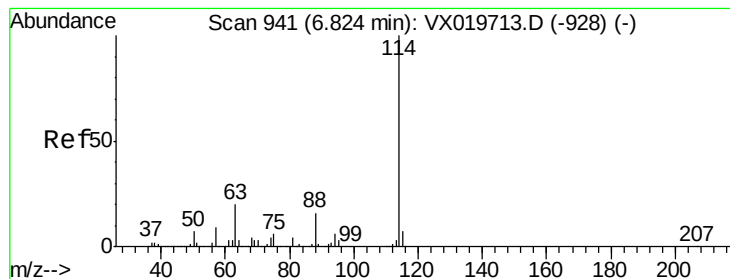
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019728.D

Acq: 04 Dec 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK-39-120320

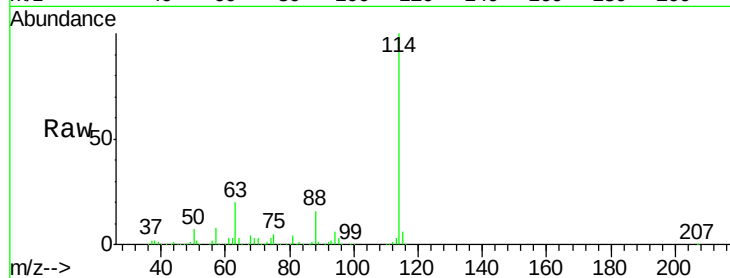
Tot Ion:114 Resp: 543507

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.8 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

300000

250000

200000

150000

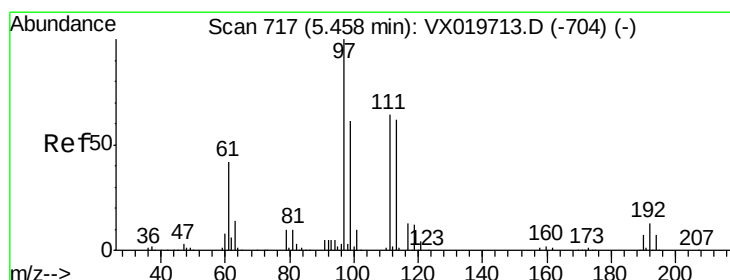
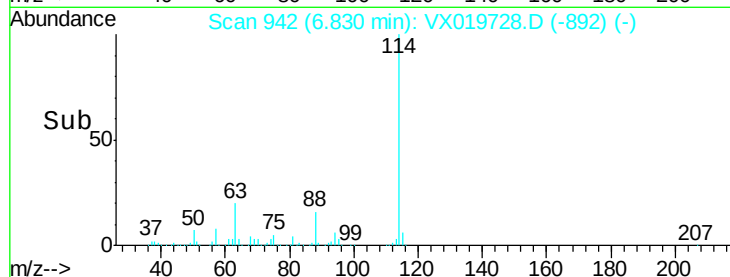
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.140 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019728.D

Acq: 04 Dec 2020 19:40

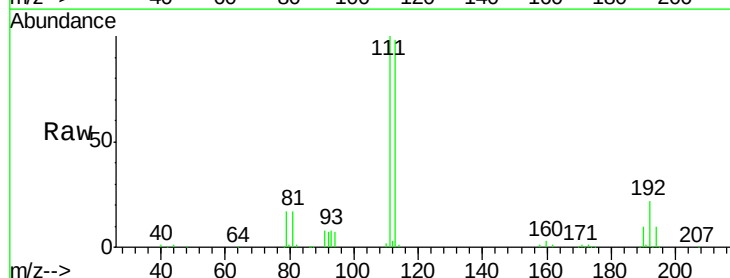
Tgt Ion:113 Resp: 165585

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 21.0 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

80000

60000

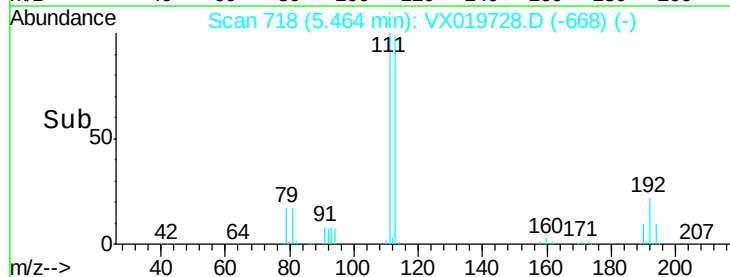
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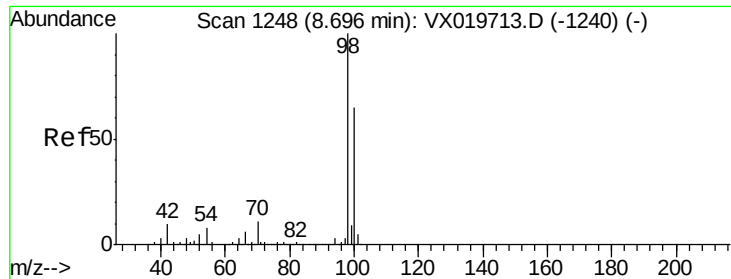
20000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 48.758 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019728.D

Acq: 04 Dec 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

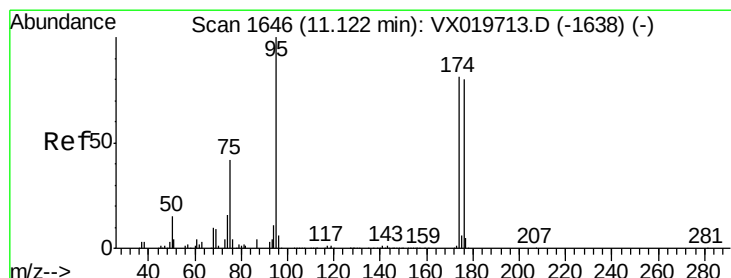
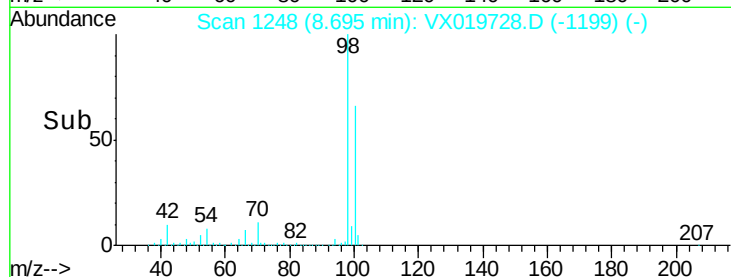
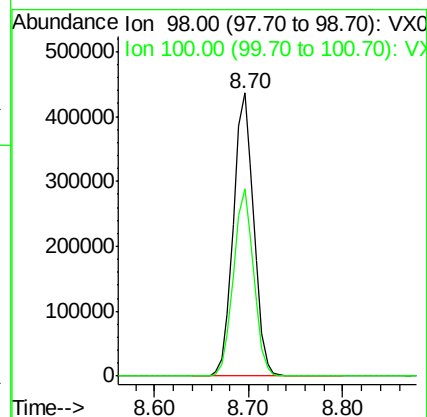
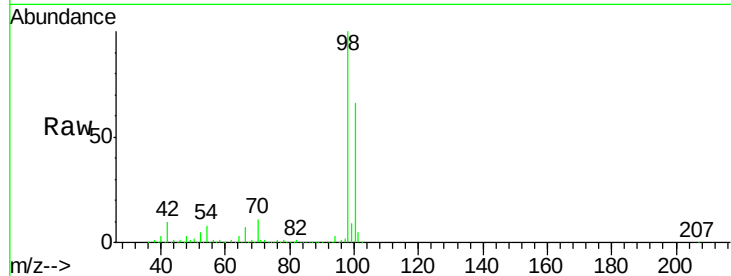
TRIP-BLANK-39-120320

Tot Ion: 98 Resp: 653856

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.067 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019728.D

Acq: 04 Dec 2020 19:40

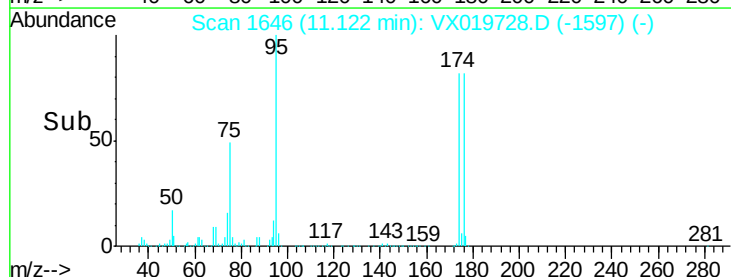
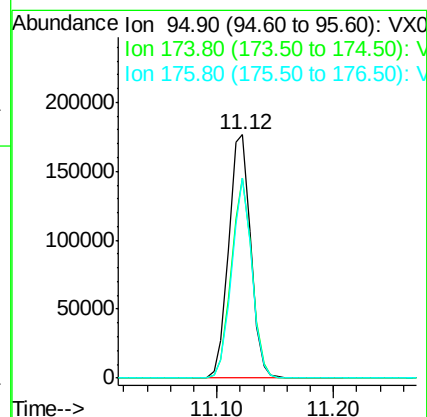
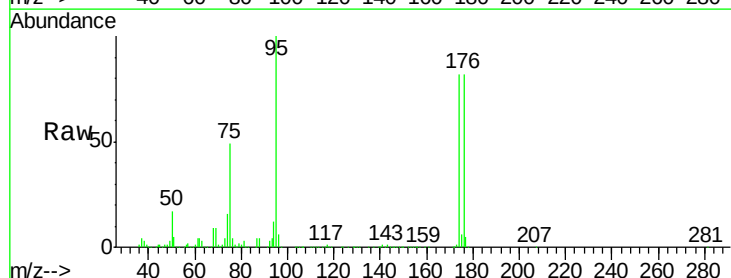
Tgt Ion: 95 Resp: 230029

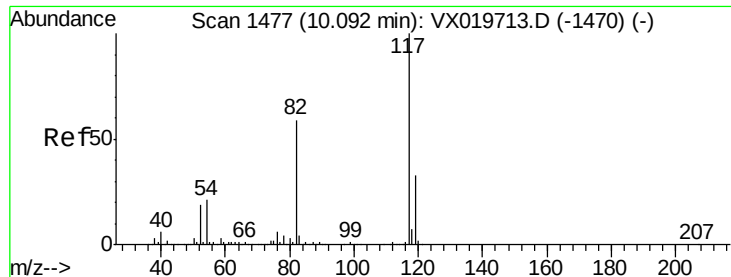
Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.6

176 75.9 0.0 155.8

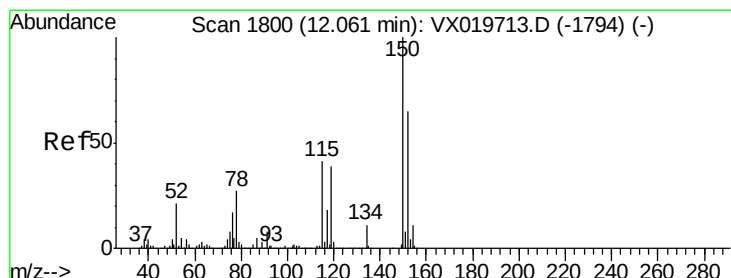
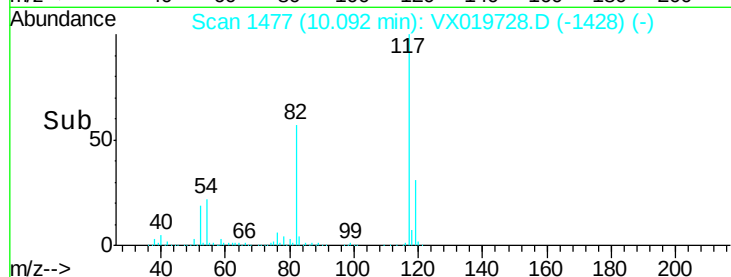
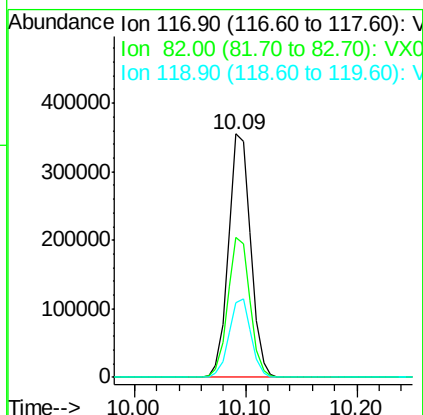
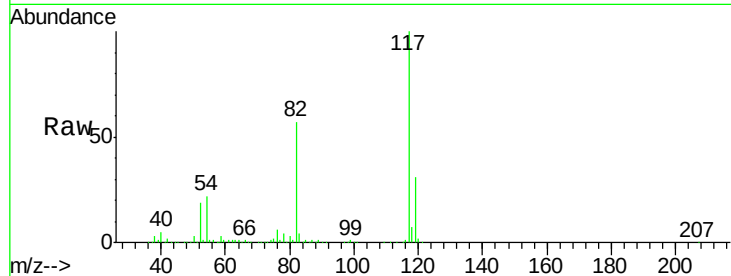




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019728.D
Acq: 04 Dec 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-39-120320

Tot Ion:117 Resp: 489231
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 30.9 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: VX019728.D
Acq: 04 Dec 2020 19:40

Tgt Ion:152 Resp: 216823
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 155.9 0.0 349.0

