

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018891.D
 Acq On : 10 Oct 2020 06:14
 Operator : JC/SP
 Sample : L4255-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ-459S-20200928

Quant Time: Oct 10 07:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	189422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	313133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	299495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	155021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	150872	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
35) Dibromofluoromethane	5.47	113	114010	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	8.70	98	388226	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	147553	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

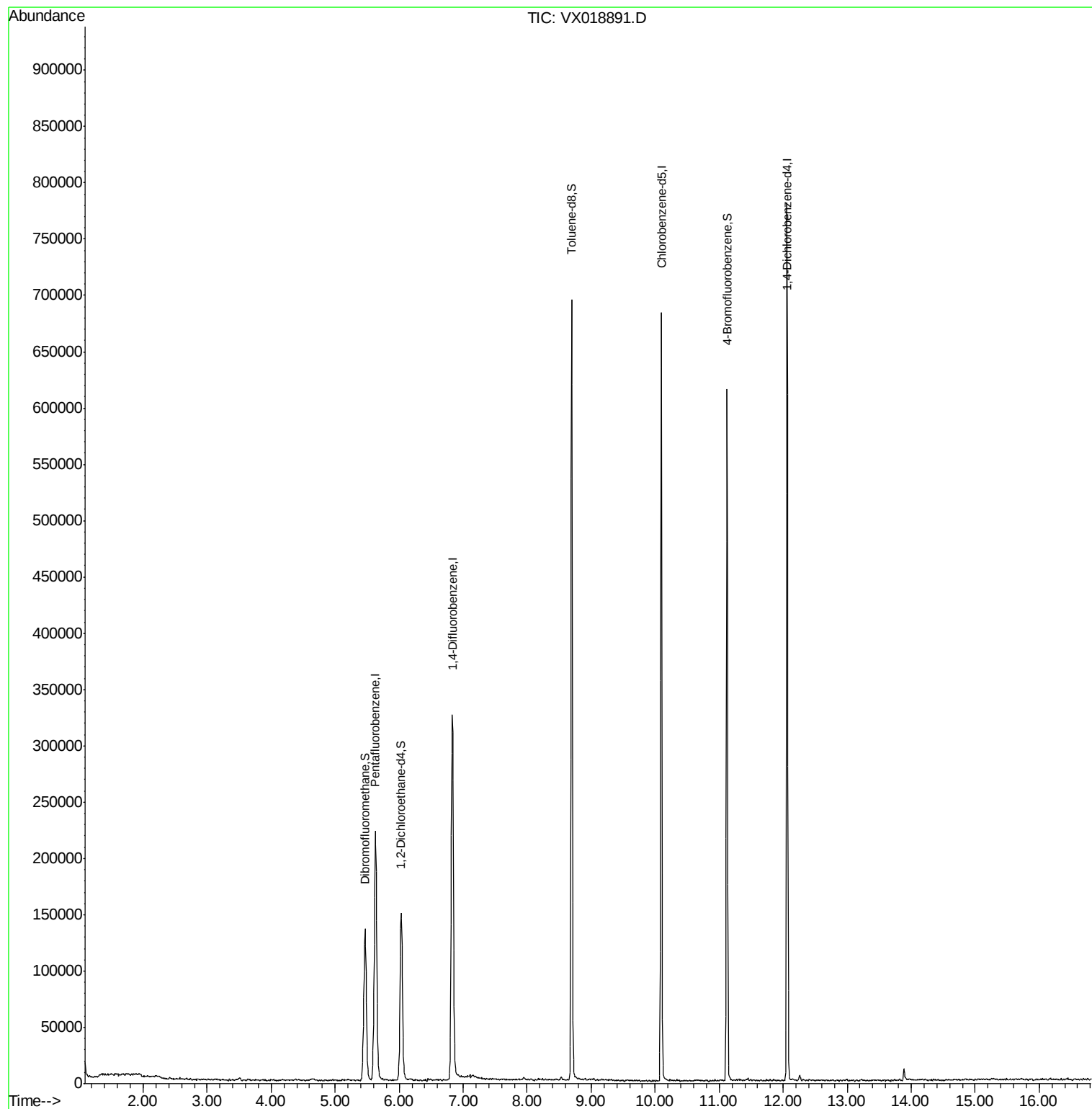
Target Compounds	Qvalue
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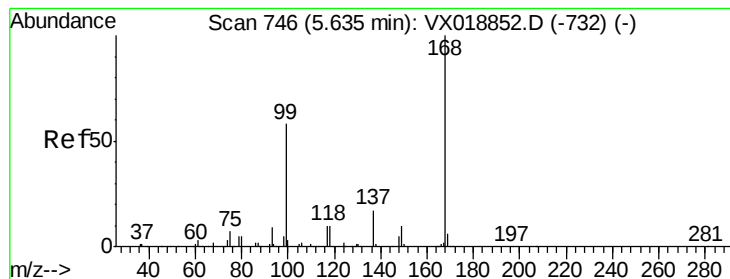
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018891.D

Acq: 10 Oct 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

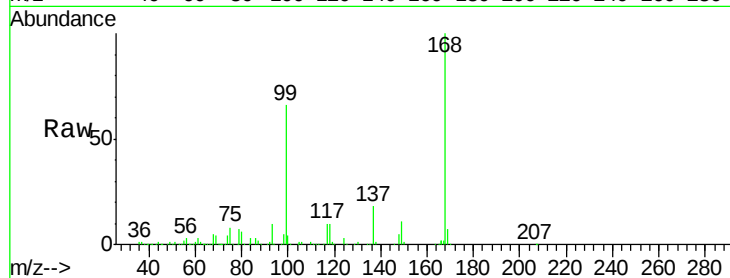
FT-PZ-459S-20200928

Tot Ion:168 Resp: 189422

Ion Ratio Lower Upper

168 100

99 65.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

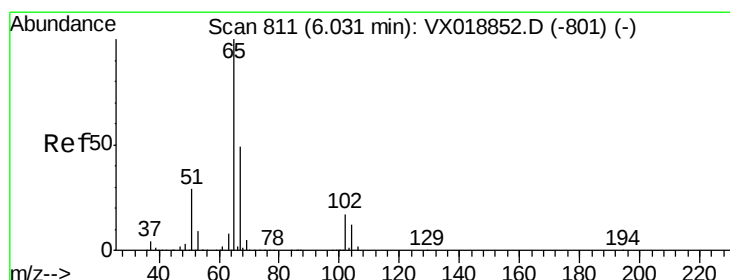
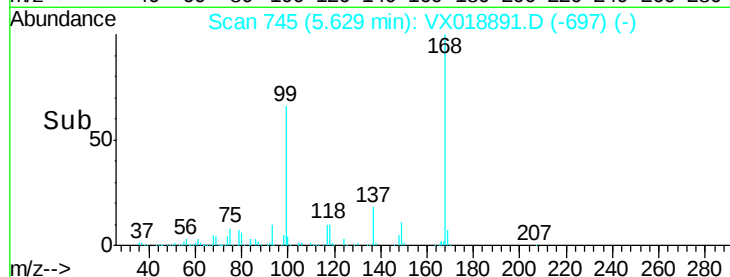
40000

20000

0

5.50 5.60 5.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.003 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018891.D

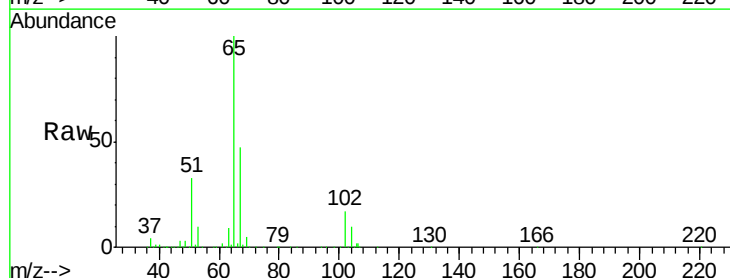
Acq: 10 Oct 2020 06:14

Tgt Ion: 65 Resp: 150872

Ion Ratio Lower Upper

65 100

67 48.6 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

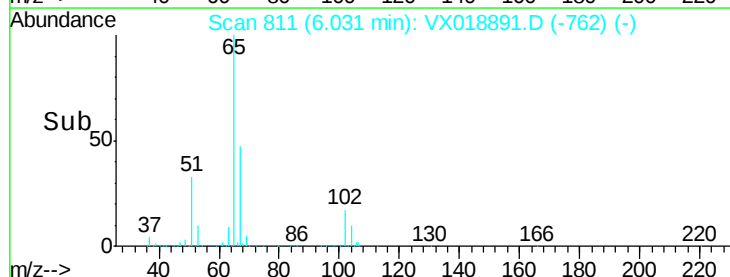
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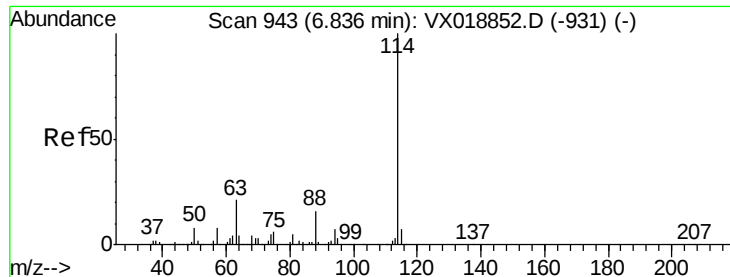
20000

0

5.90 6.00 6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018891.D

Acq: 10 Oct 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ-459S-20200928

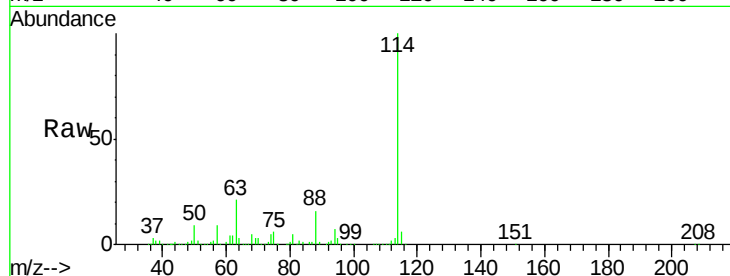
Tot Ion:114 Resp: 313133

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

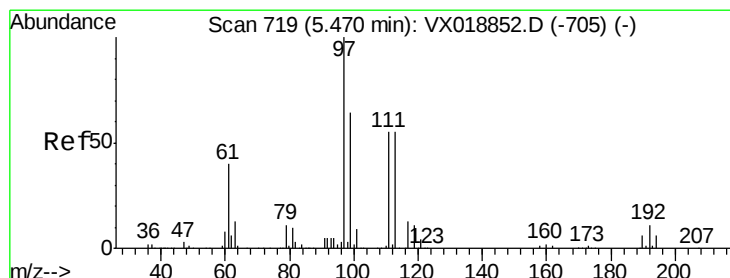
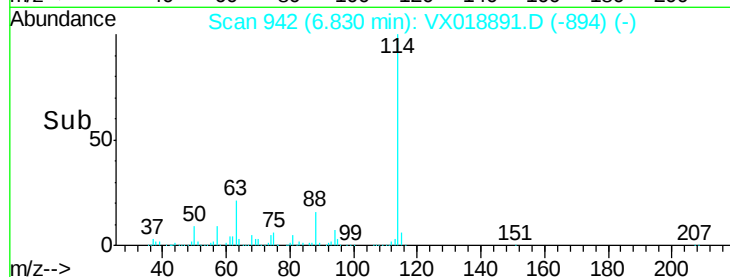
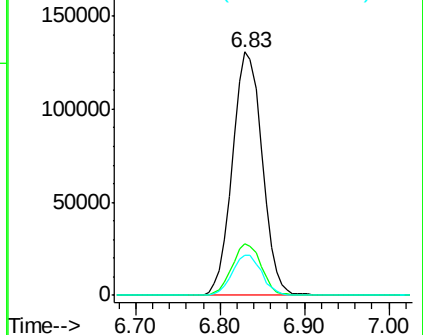
88 16.4 0.0 32.6



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: 51.089 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018891.D

Acq: 10 Oct 2020 06:14

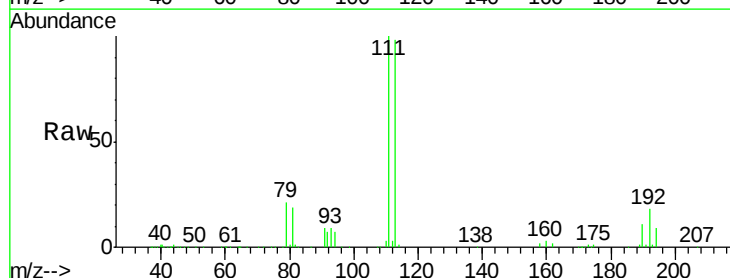
Tgt Ion:113 Resp: 114010

Ion Ratio Lower Upper

113 100

111 101.0 80.1 120.1

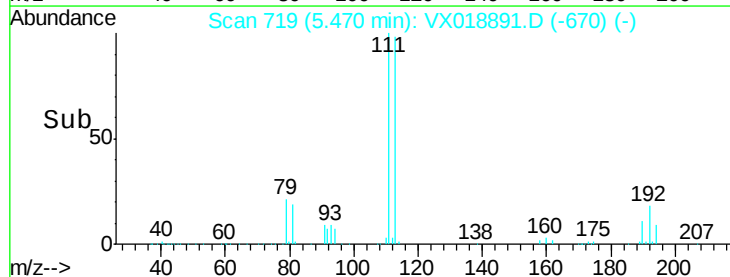
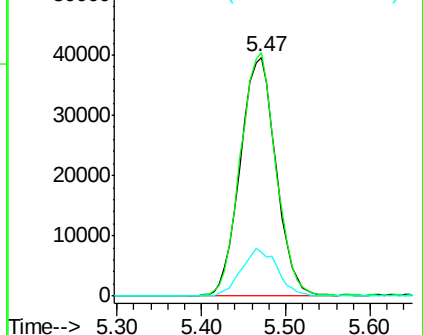
192 20.1 16.0 24.0

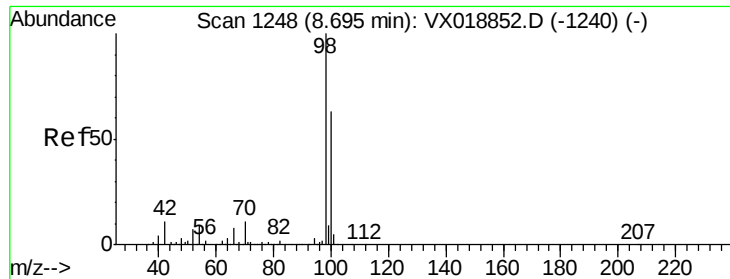


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.153 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018891.D

Acq: 10 Oct 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

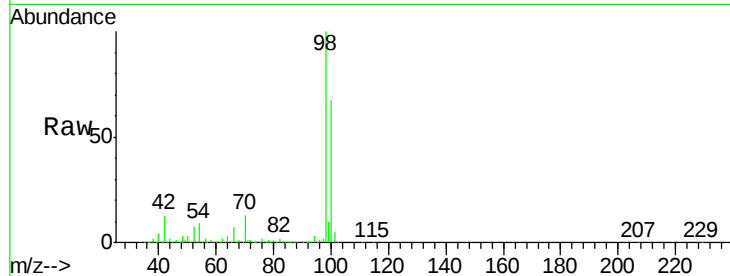
FT-PZ-459S-20200928

Tot Ion: 98 Resp: 388226

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

250000

200000

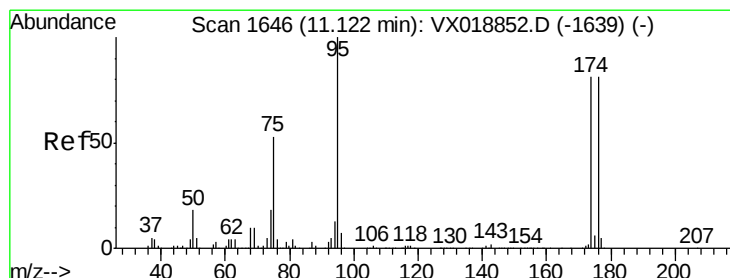
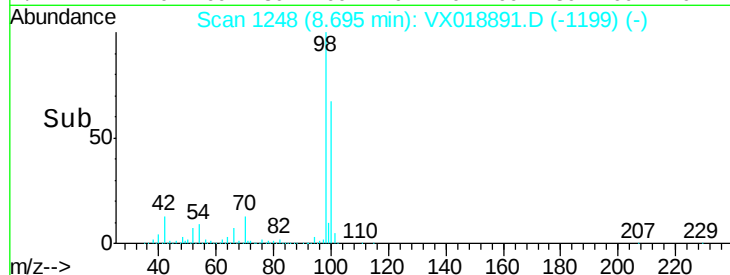
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018891.D

Acq: 10 Oct 2020 06:14

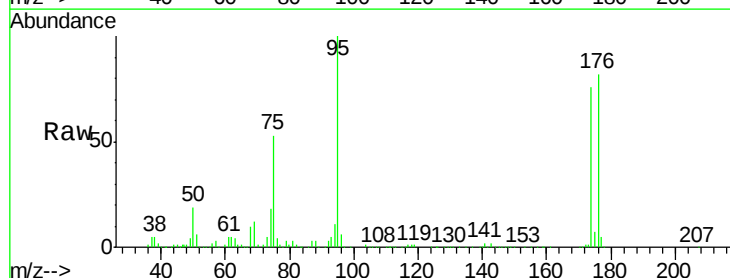
Tgt Ion: 95 Resp: 147553

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 80.3 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

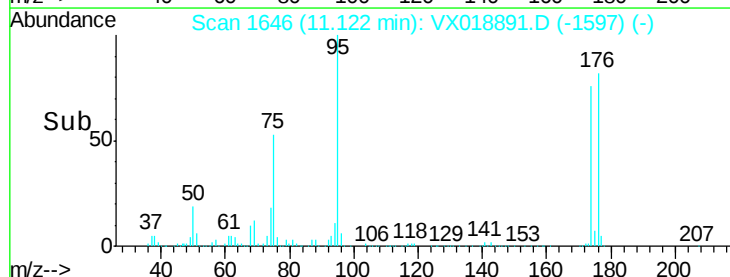
150000

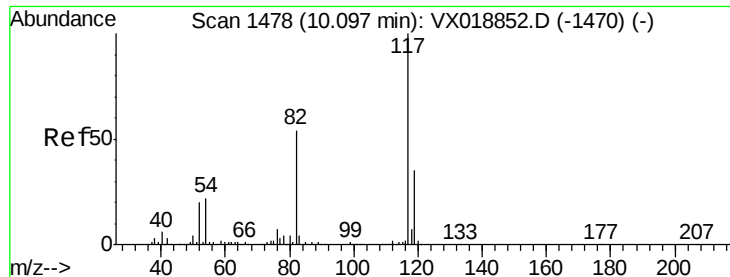
100000

50000

0

Time-->

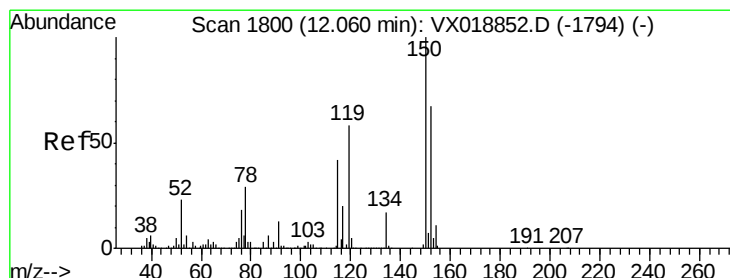
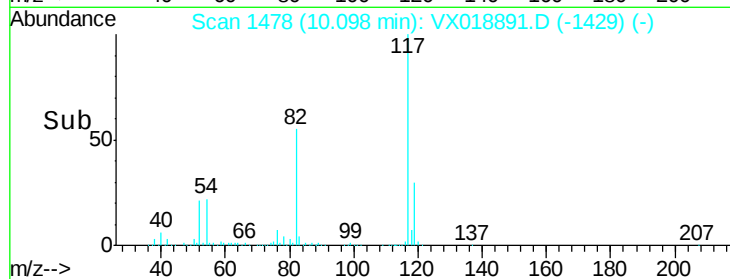
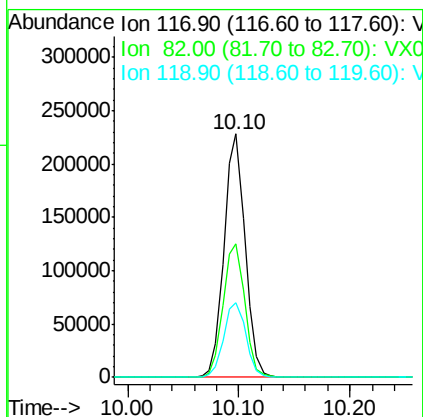
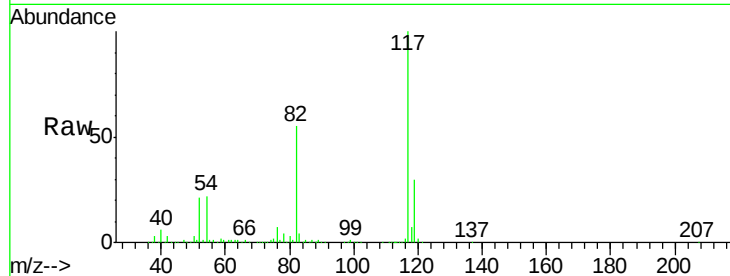




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018891.D
Acq: 10 Oct 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ-459S-20200928

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	30.5	28.3	42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018891.D
Acq: 10 Oct 2020 06:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.8	125.4
150	150.9	0.0	347.6

