

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011270.D
 Acq On : 01 Aug 2019 20:07
 Operator : JC/SP
 Sample : K4118-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190730

Quant Time: Aug 02 02:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	142736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	74264	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
35) Dibromofluoromethane	5.49	113	71922	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	274676	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	92100	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	

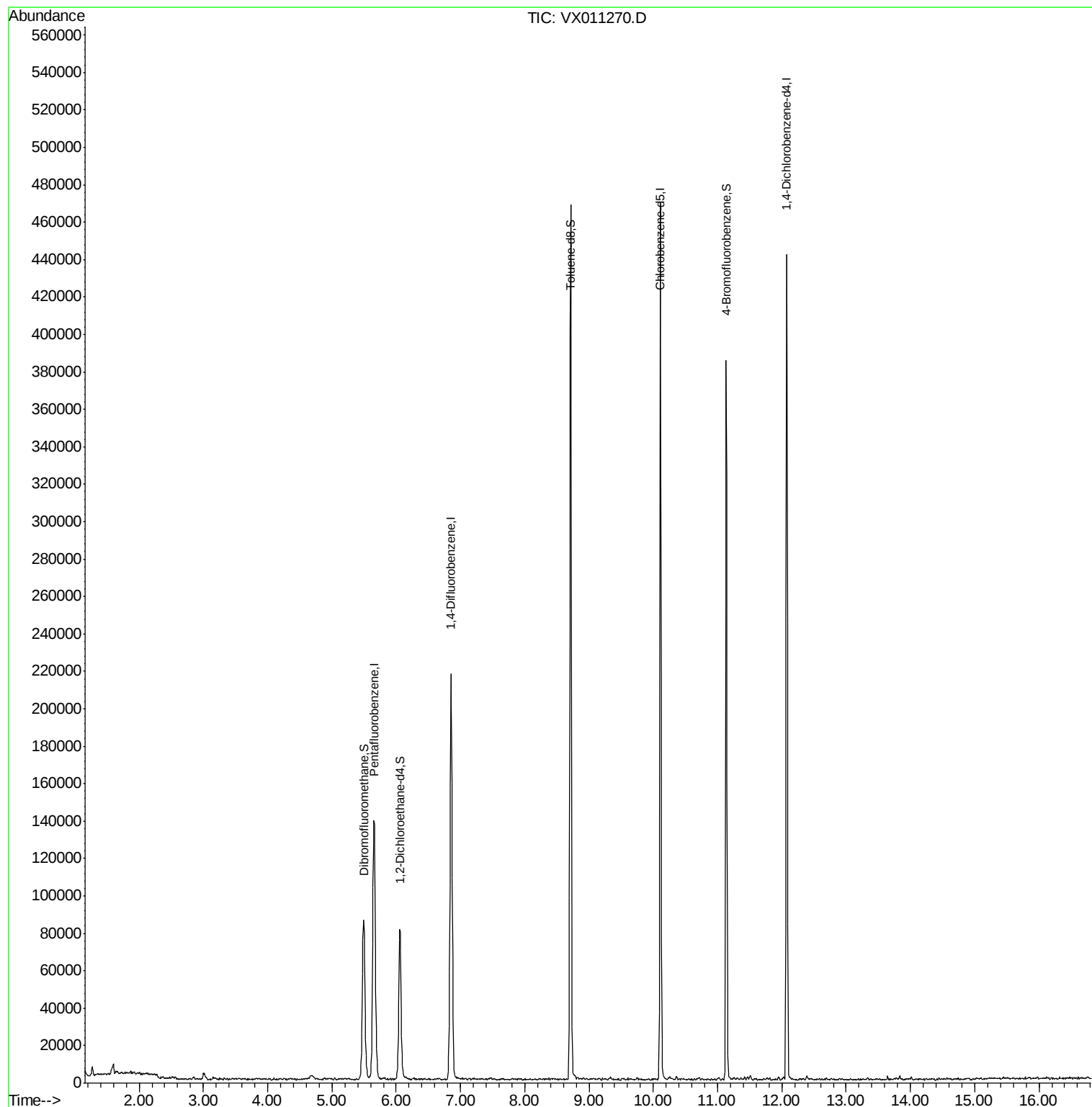
Target Compounds	Qvalue
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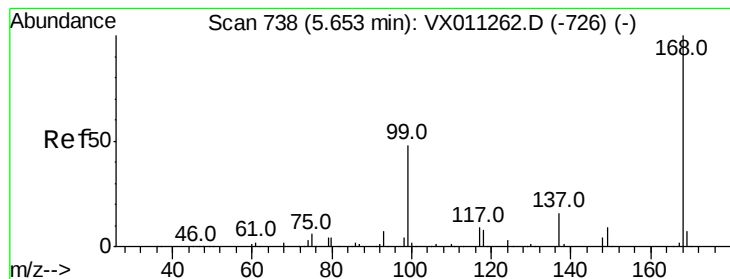
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011270.D

Acq: 01 Aug 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

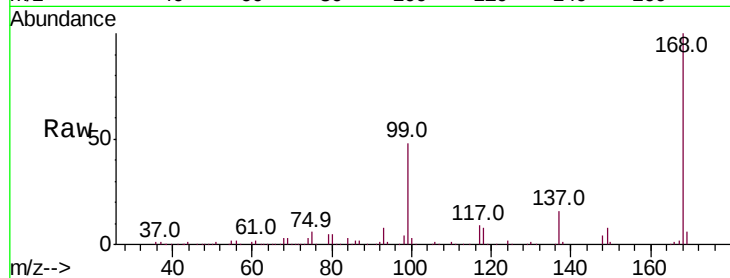
TB-20190730

Tot Ion:168 Resp: 142736

Ion Ratio Lower Upper

168 100

99 47.9 38.5 57.7

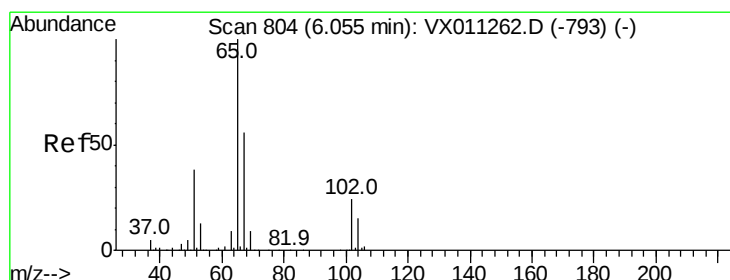
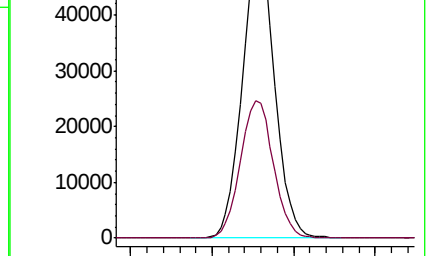
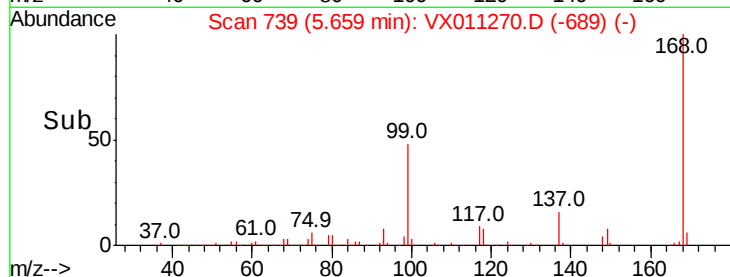


Abundance Ion 167.90 (167.60 to 168.60): VX011262.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX011262.D (-726) (-)

5.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.664 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011270.D

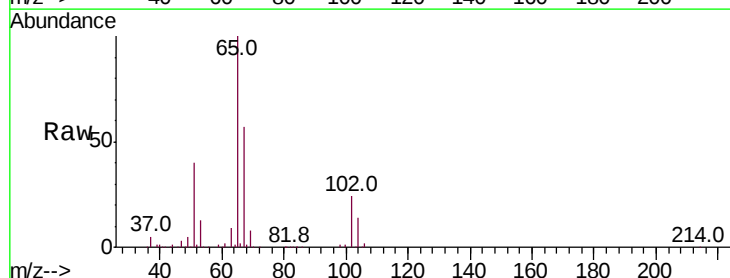
Acq: 01 Aug 2019 20:07

Tgt Ion: 65 Resp: 74264

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.6

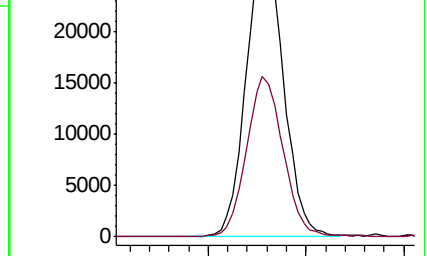
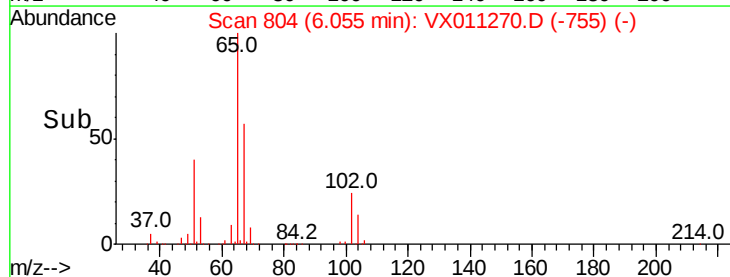


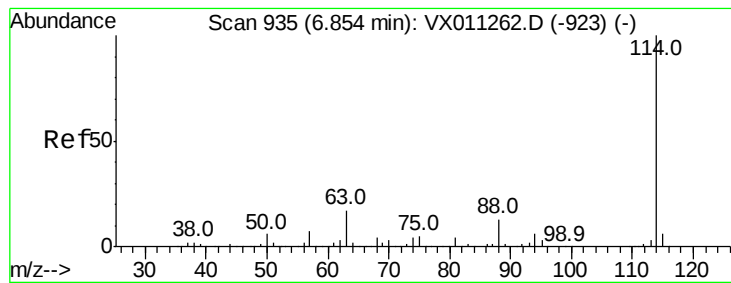
Abundance Ion 64.90 (64.60 to 65.60): VX011262.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX011262.D (-793) (-)

6.06

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011270.D

Acq: 01 Aug 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

TB-20190730

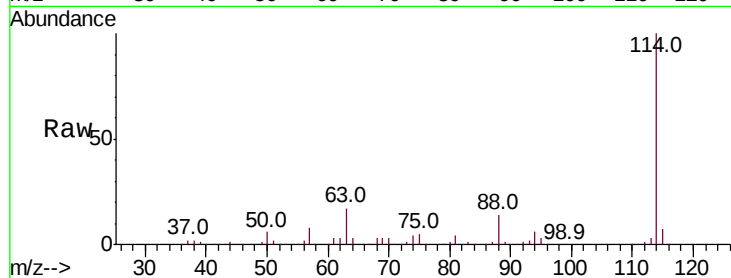
Tot Ion:114 Resp: 230655

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

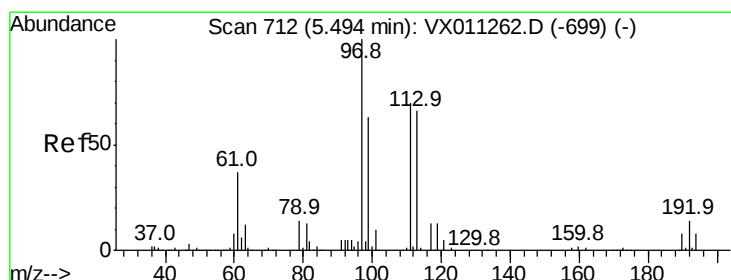
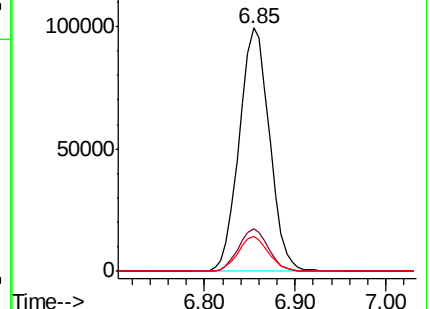
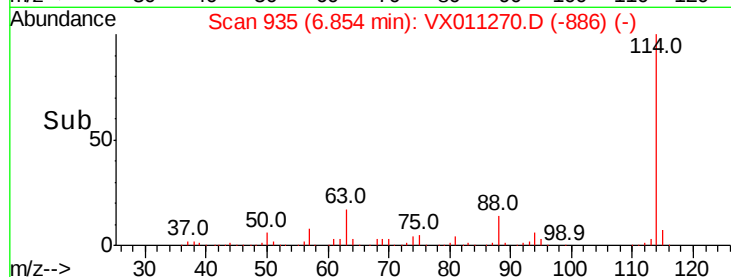
88 14.3 0.0 26.4



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: 47.760 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011270.D

Acq: 01 Aug 2019 20:07

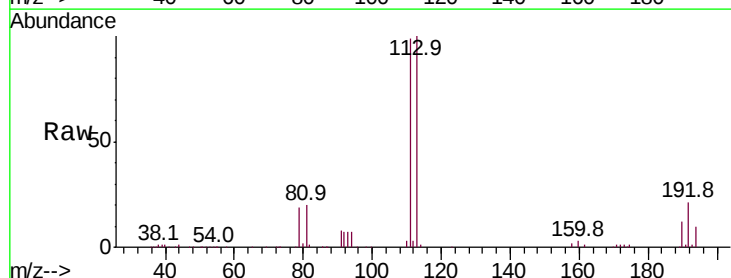
Tgt Ion:113 Resp: 71922

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

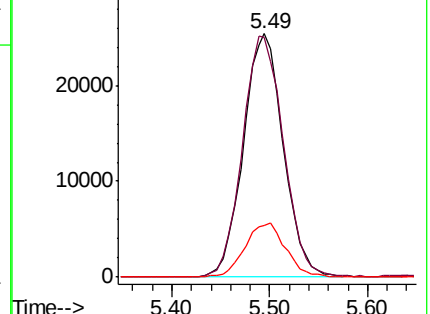
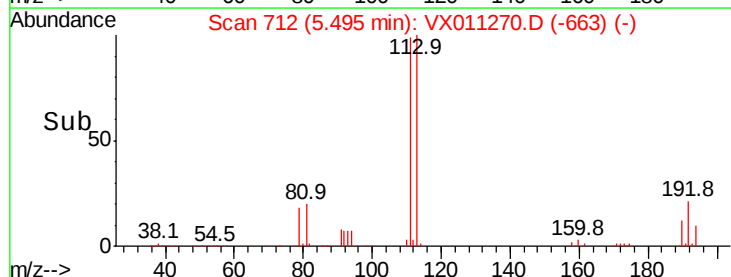
192 22.5 17.8 26.8

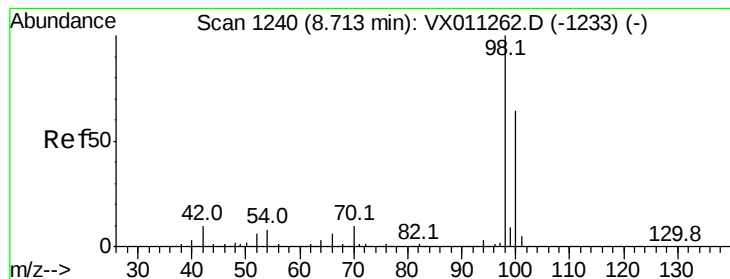


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.322 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011270.D

Acq: 01 Aug 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

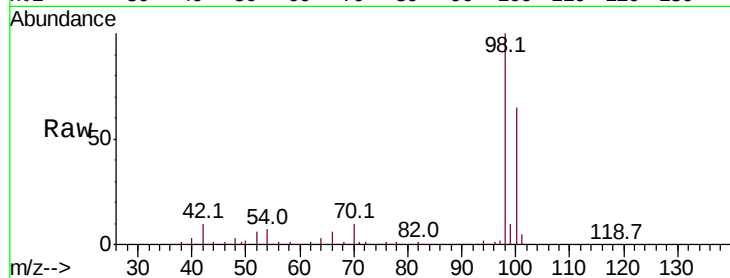
TB-20190730

Tot Ion: 98 Resp: 274676

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

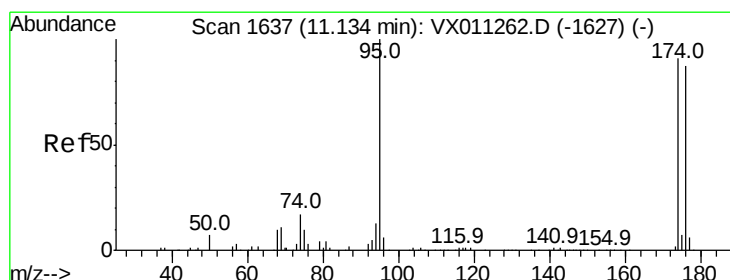
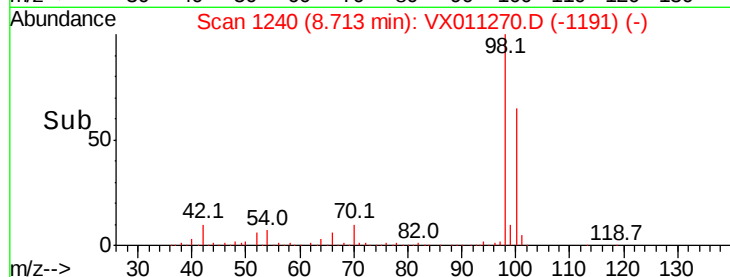
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 45.382 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011270.D

Acq: 01 Aug 2019 20:07

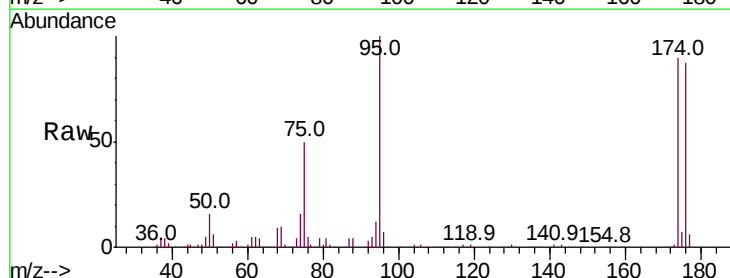
Tgt Ion: 95 Resp: 92100

Ion Ratio Lower Upper

95 100

174 94.2 0.0 191.2

176 92.4 0.0 184.8



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

11.13

100000

80000

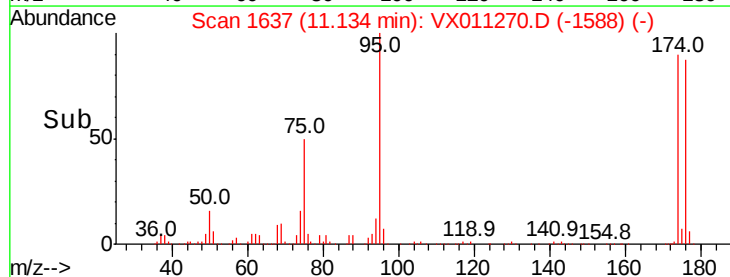
60000

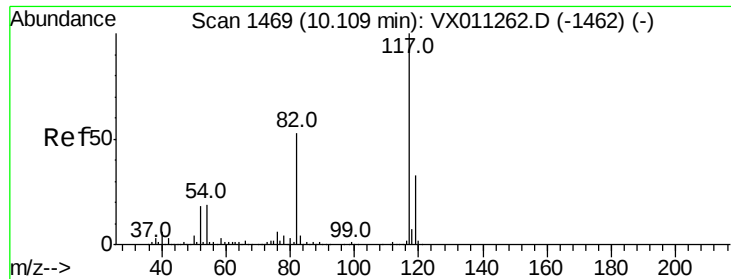
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

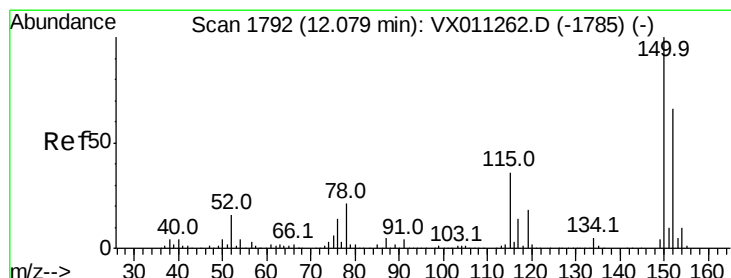
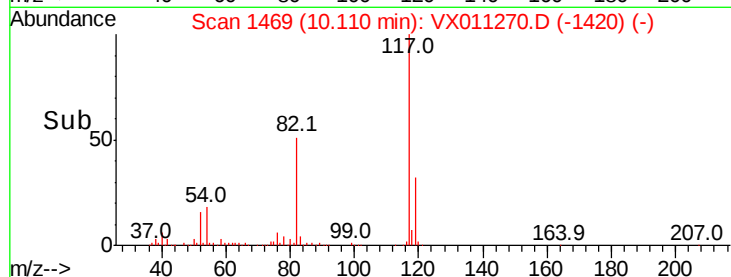
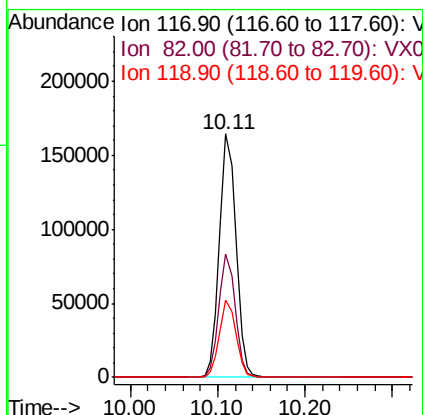
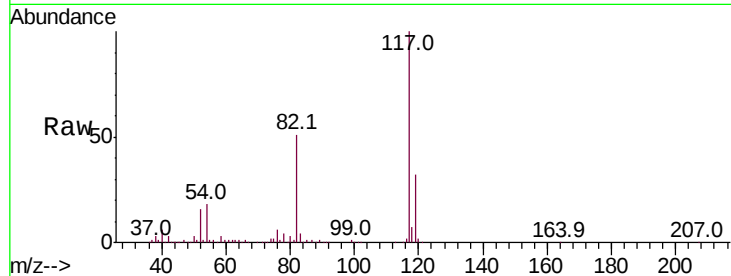




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tot Ion:117 Resp: 215859
Ion Ratio Lower Upper
117 100
82 50.6 42.2 63.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion:152 Resp: 98689
Ion Ratio Lower Upper
152 100
115 54.0 40.0 119.9
150 157.5 0.0 350.4

