

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011138.D
 Acq On : 29 Jul 2019 12:18
 Operator : JC/SP
 Sample : K4018-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-TB3

Quant Time: Jul 30 05:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121917	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	106254	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.50	113	98484	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	8.71	98	368127	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	123551	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	

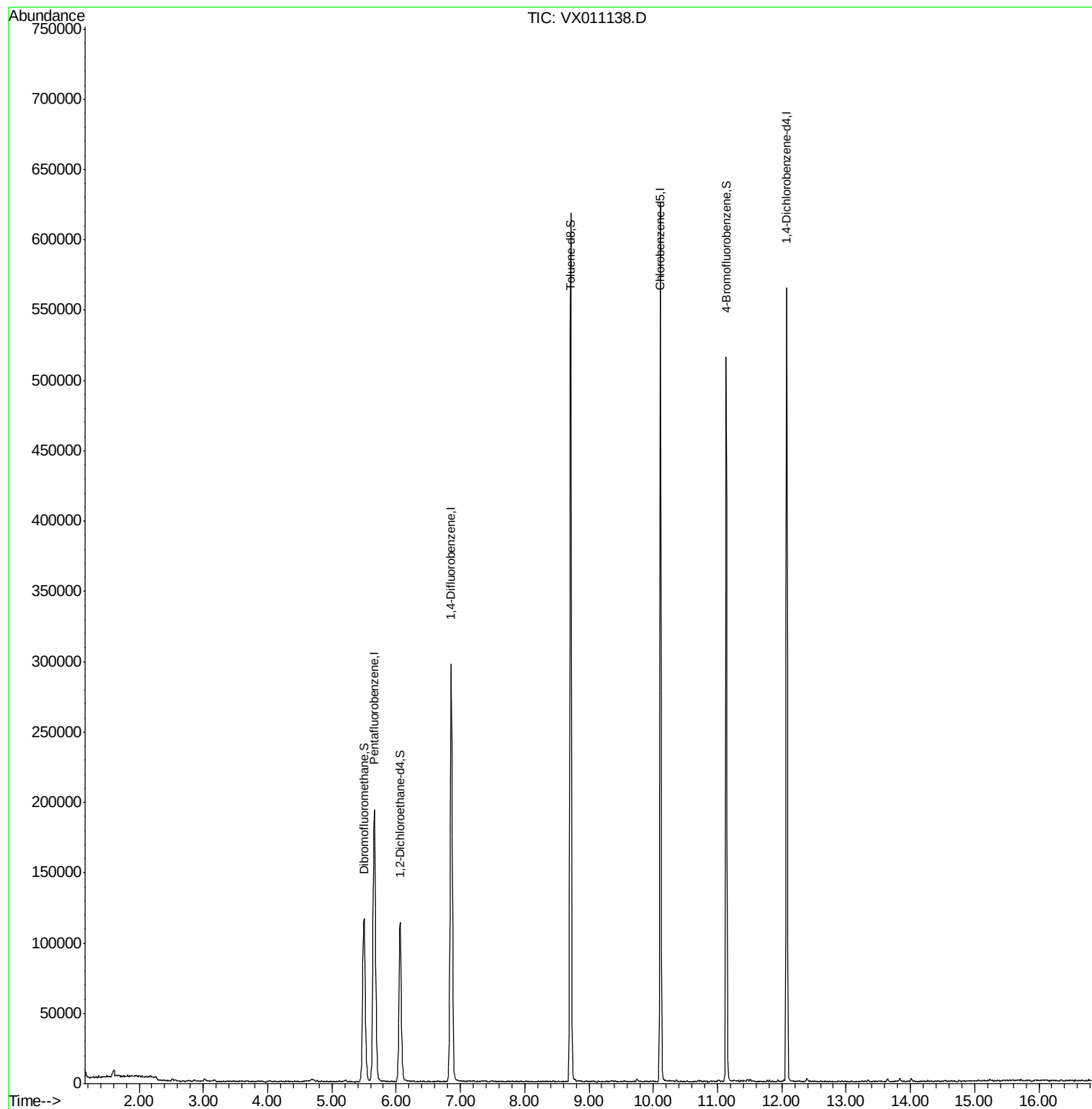
Target Compounds	Qvalue
------------------	--------

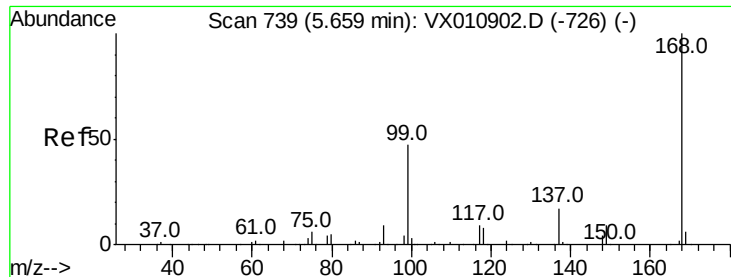
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011138.D
Acq On : 29 Jul 2019 12:18
Operator : JC/SP
Sample : K4018-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU19-TB3

Quant Time: Jul 30 05:35:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011138.D

Acq: 29 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

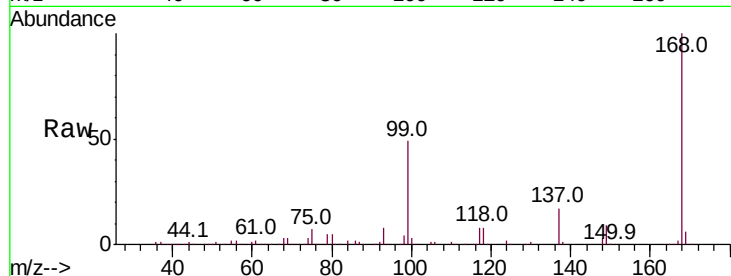
SU19-TB3

Tot Ion:168 Resp: 196421

Ion Ratio Lower Upper

168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

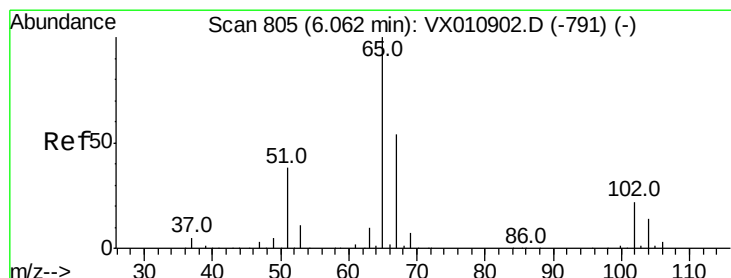
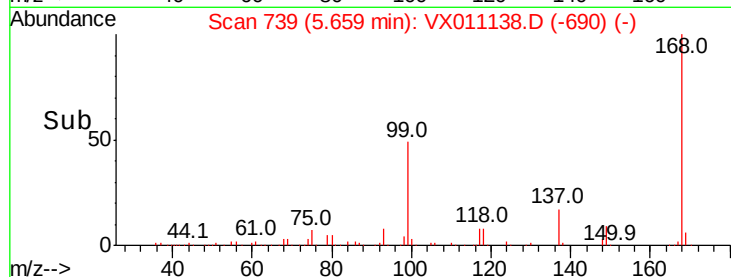
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.848 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011138.D

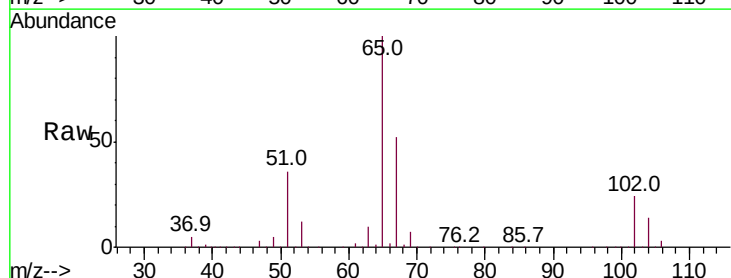
Acq: 29 Jul 2019 12:18

Tgt Ion: 65 Resp: 106254

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

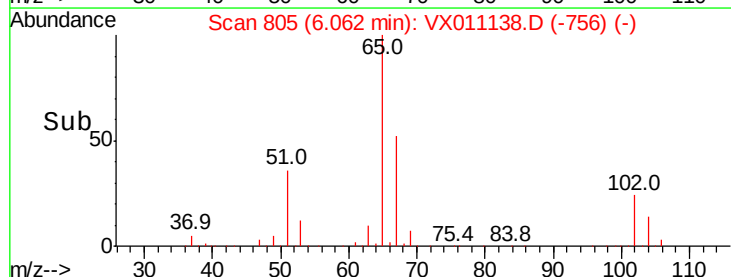
30000

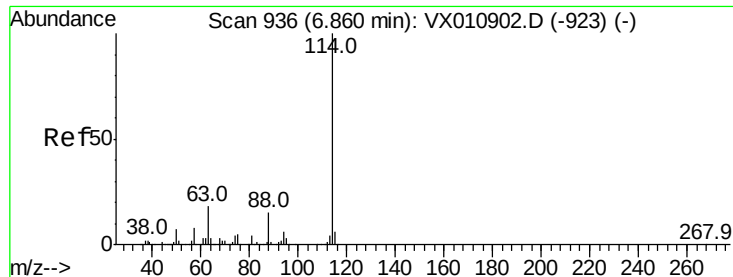
20000

10000

0

Time--> 6.00 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

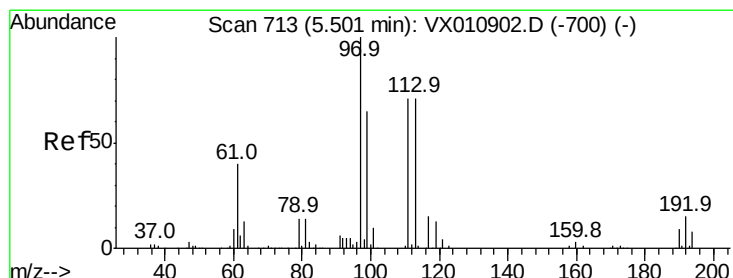
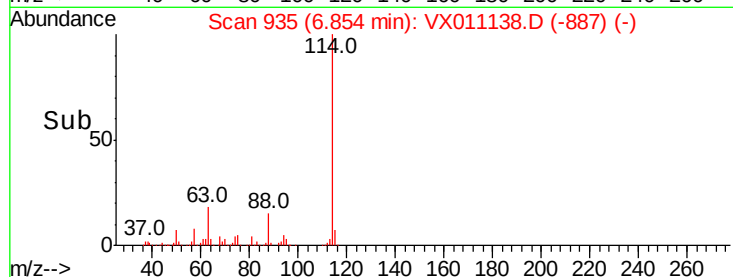
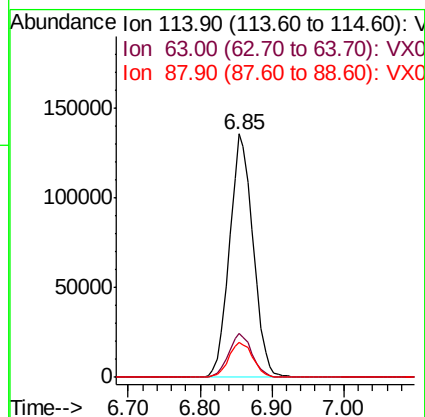
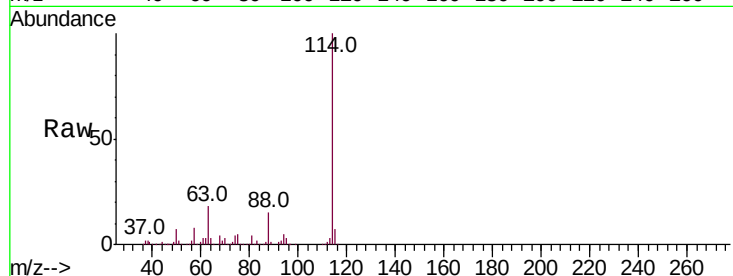
Lab File: VX011138.D

Acq: 29 Jul 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
SU19-TB3

Tot Ion:114 Resp: 309687

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.5	0.0	29.8



#35

Dibromofluoromethane

Concen: 50.103 ug/l

RT: 5.50 min Scan# 713

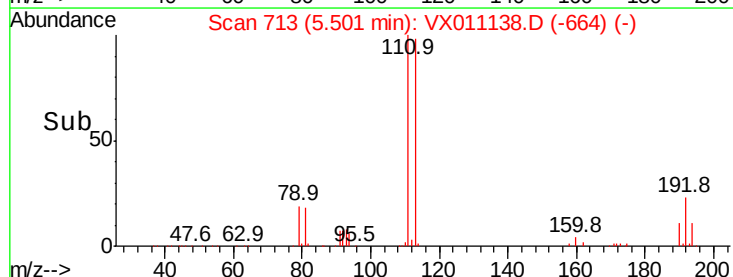
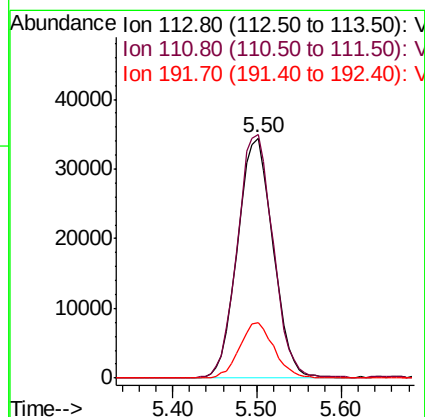
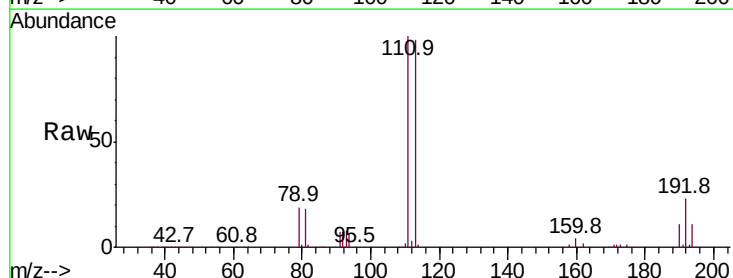
Delta R.T. 0.00 min

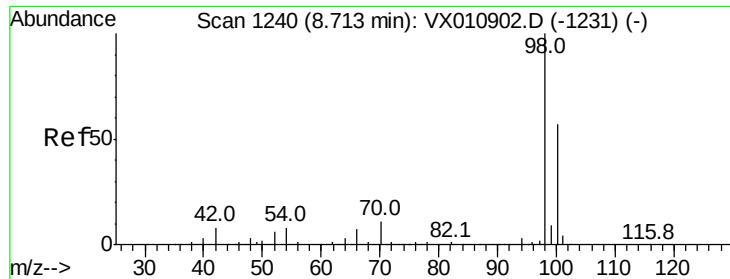
Lab File: VX011138.D

Acq: 29 Jul 2019 12:18

Tgt Ion:113 Resp: 98484

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	22.3	17.4	26.2





#50

Toluene-d8

Concen: 49.933 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011138.D

Acq: 29 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

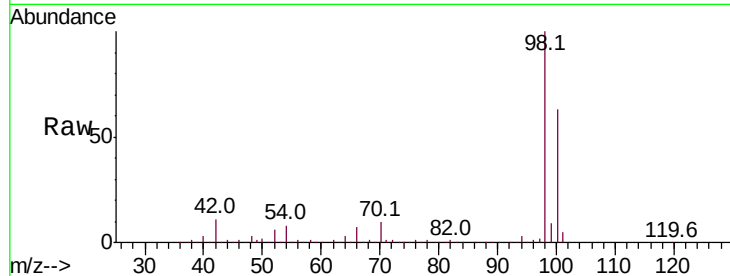
SU19-TB3

Tot Ion: 98 Resp: 368127

Ion Ratio Lower Upper

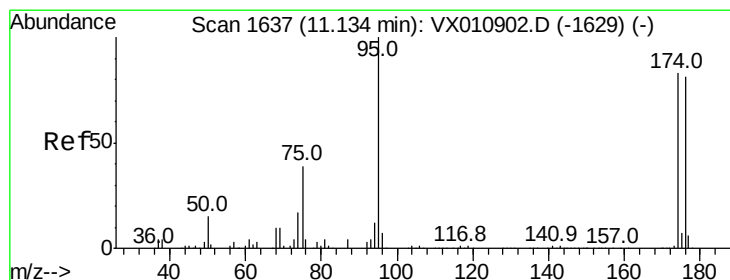
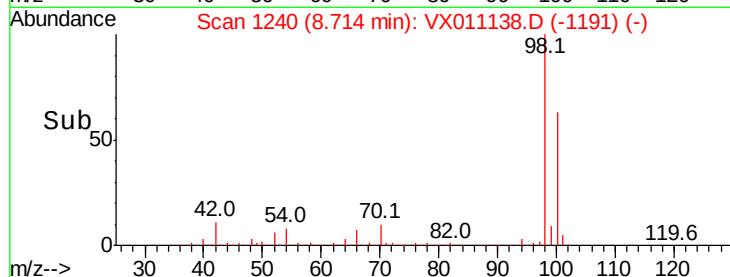
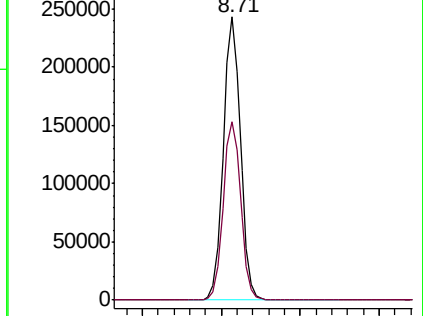
98 100

100 64.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011138.D

Acq: 29 Jul 2019 12:18

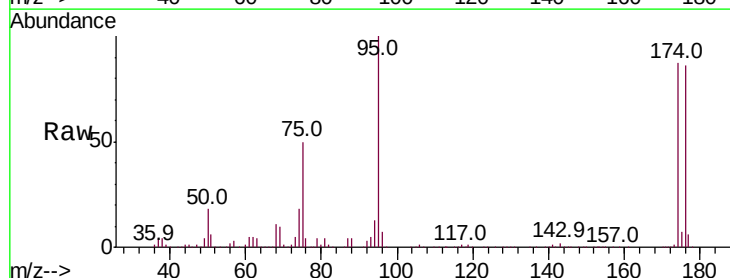
Tgt Ion: 95 Resp: 123551

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

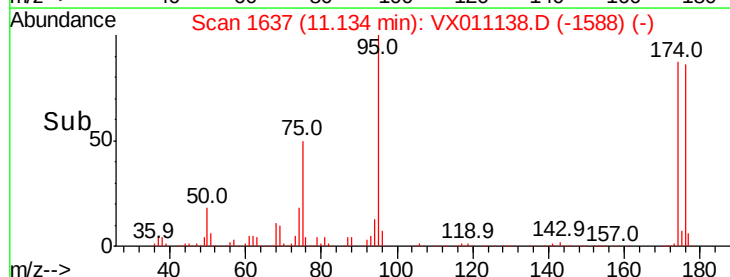
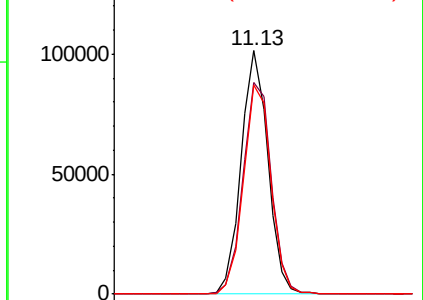
176 88.4 0.0 173.8

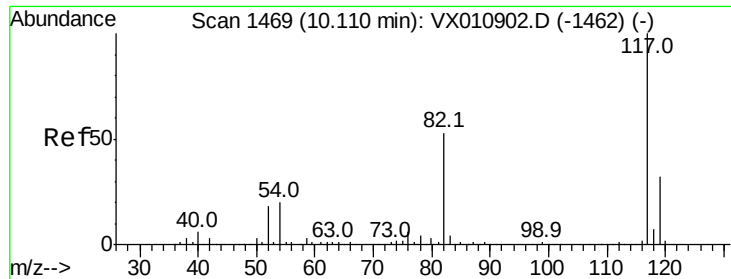


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

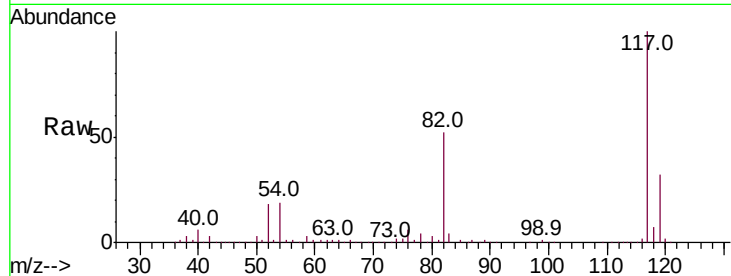




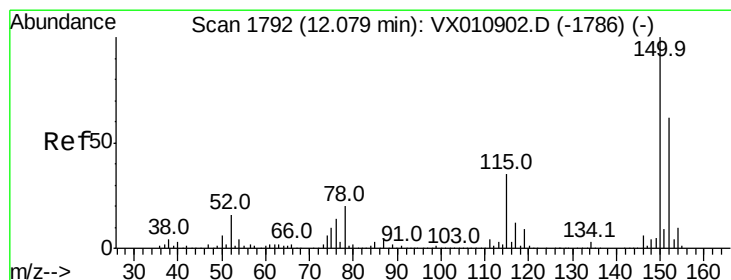
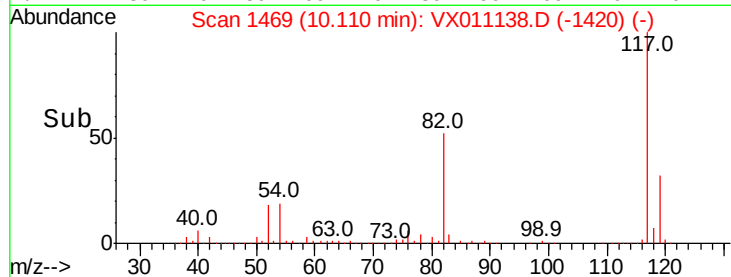
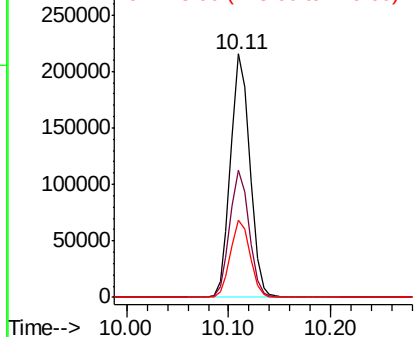
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011138.D
Acq: 29 Jul 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
SU19-TB3

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	31.8	25.9	38.9

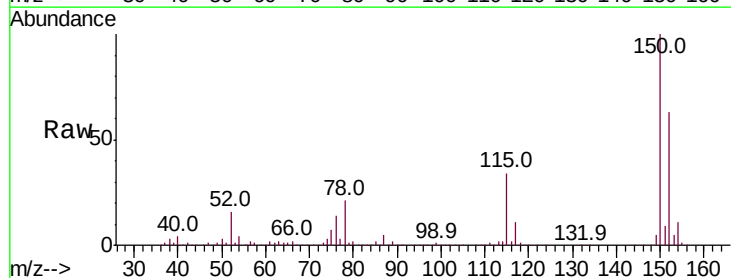


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011138.D
Acq: 29 Jul 2019 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.7	119.1
150	158.2	0.0	345.6



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

