

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013618.D
 Acq On : 26 Nov 2019 23:36
 Operator : JC/SP
 Sample : K6027-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 27 04:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	685667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1087566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	450751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	391484	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	325764	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	1295184	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	442479	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	

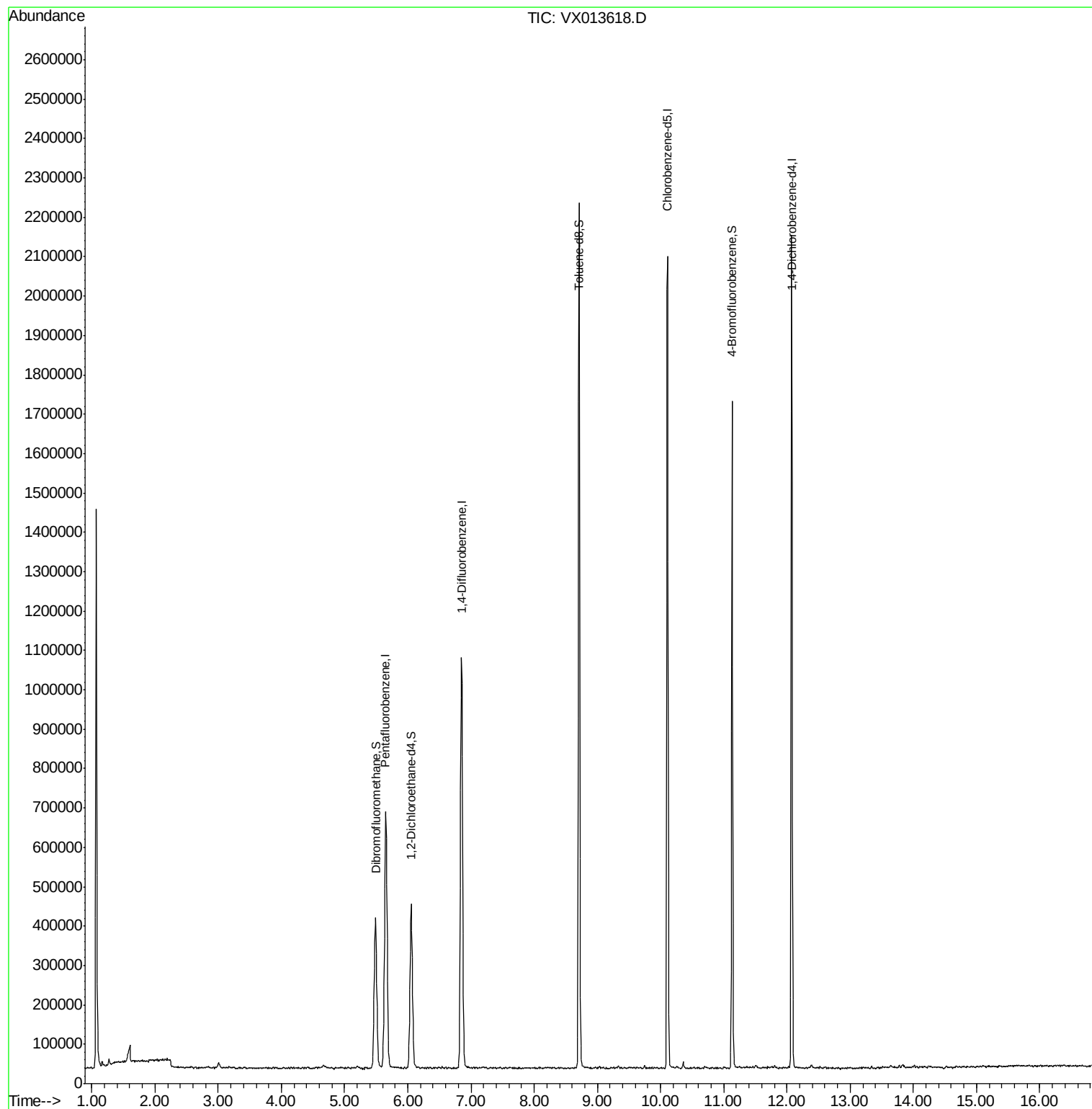
Target Compounds	Qvalue
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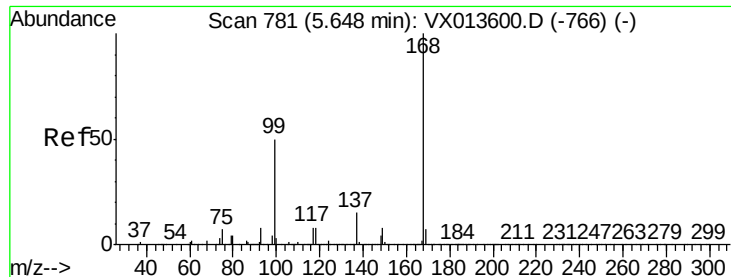
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013618.D

Acq: 26 Nov 2019 23:36

Instrument :

MSVOA_X

ClientSampled :

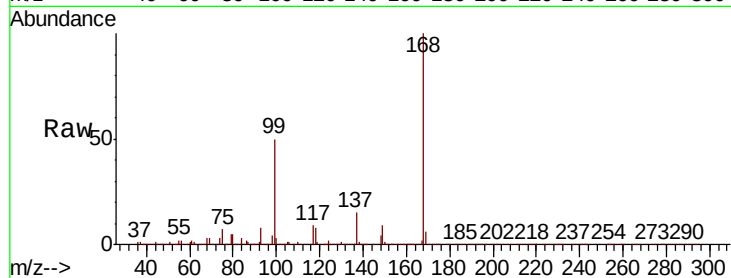
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Tot Ion:168 Resp: 685667

Ion Ratio Lower Upper

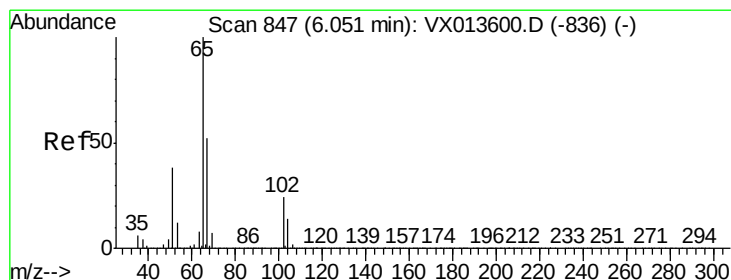
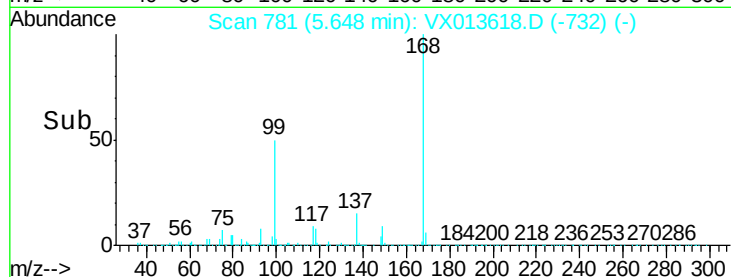
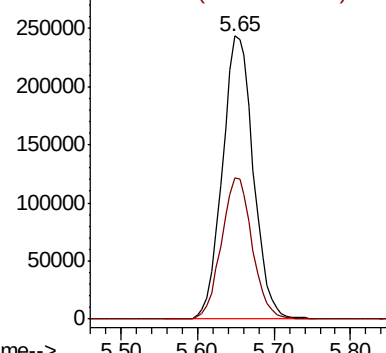
168 100

99 49.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.187 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013618.D

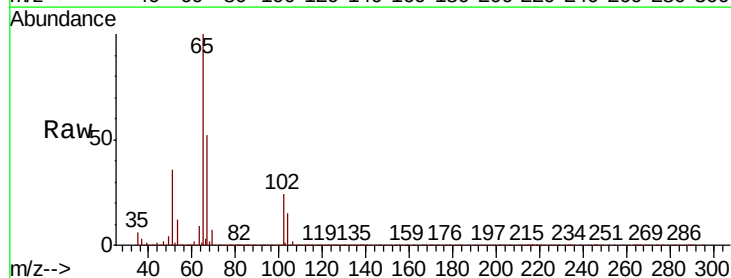
Acq: 26 Nov 2019 23:36

Tgt Ion: 65 Resp: 391484

Ion Ratio Lower Upper

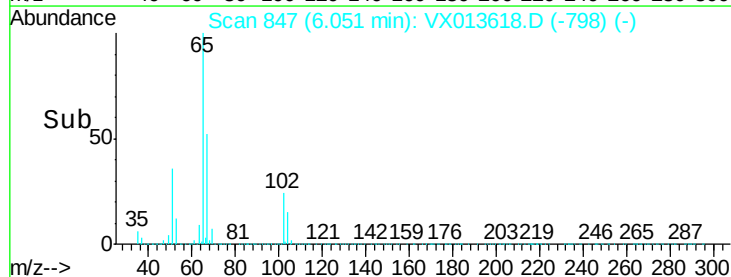
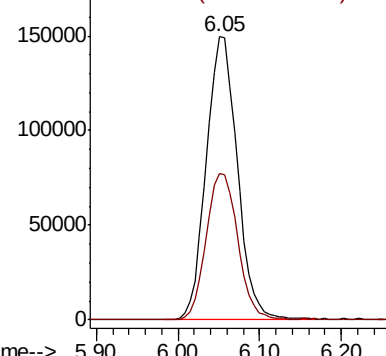
65 100

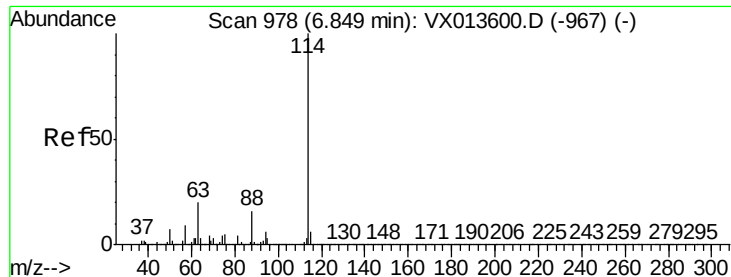
67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013618.D

Acq: 26 Nov 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

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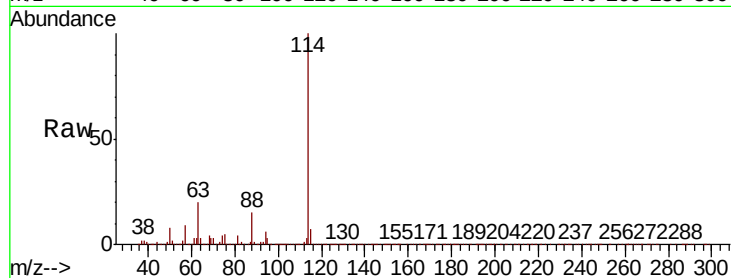
Tot Ion:114 Resp: 1087566

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

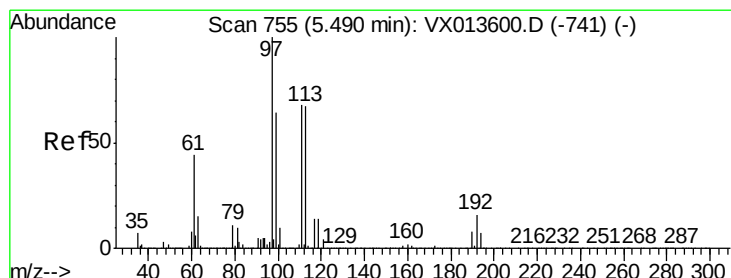
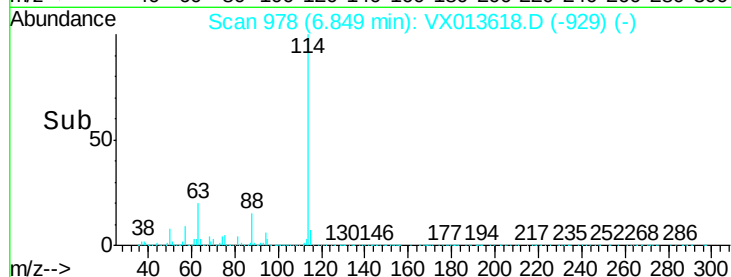
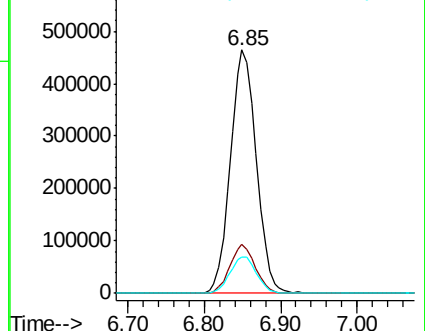
88 15.0 0.0 31.4



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: 48.452 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013618.D

Acq: 26 Nov 2019 23:36

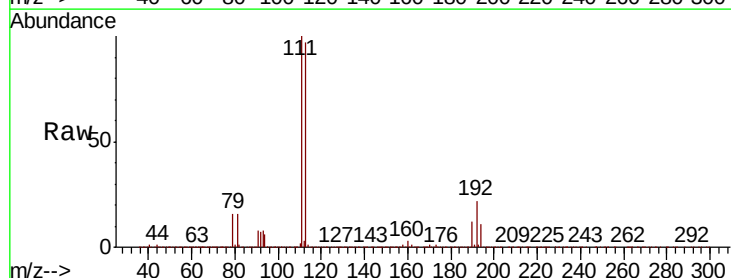
Tgt Ion:113 Resp: 325764

Ion Ratio Lower Upper

113 100

111 103.7 83.6 125.4

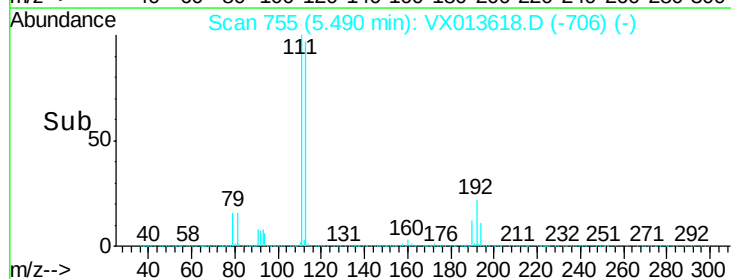
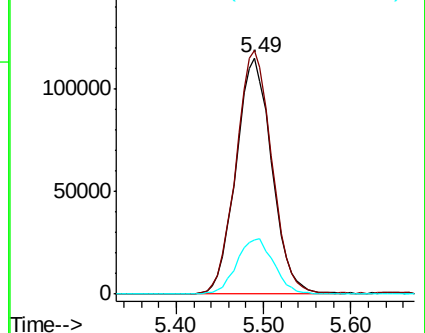
192 24.4 19.2 28.8

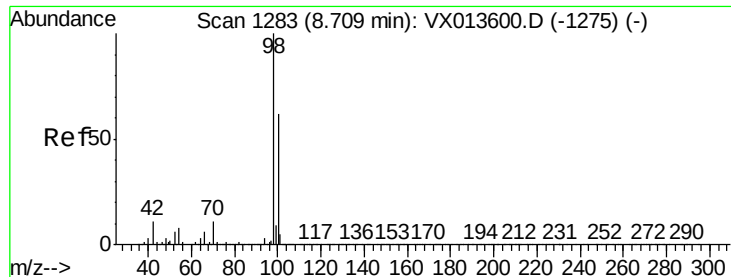


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.443 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013618.D

Acq: 26 Nov 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

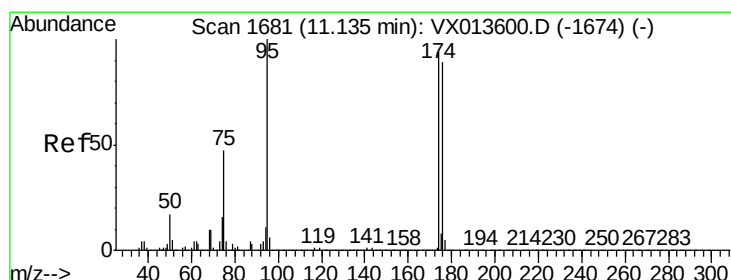
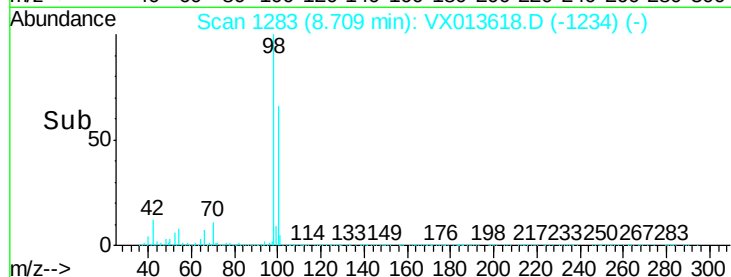
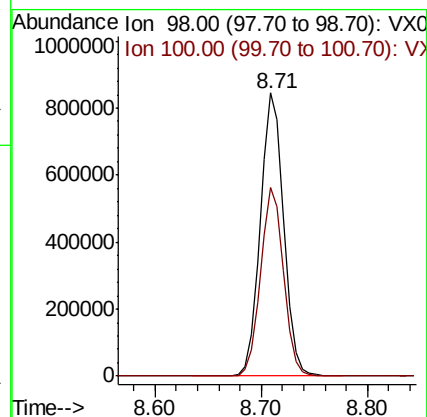
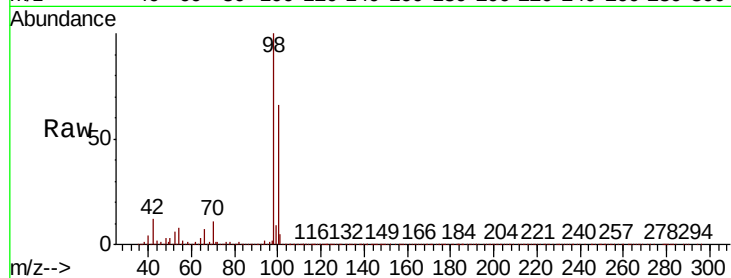
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Tot Ion: 98 Resp: 1295184

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.842 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013618.D

Acq: 26 Nov 2019 23:36

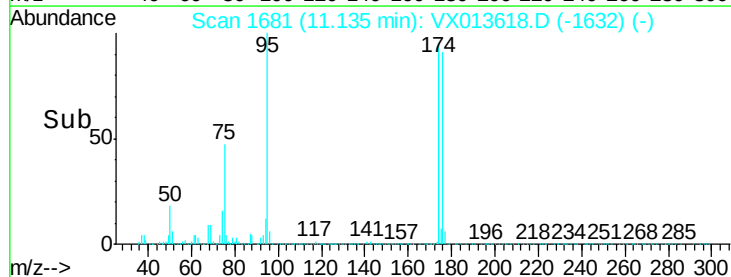
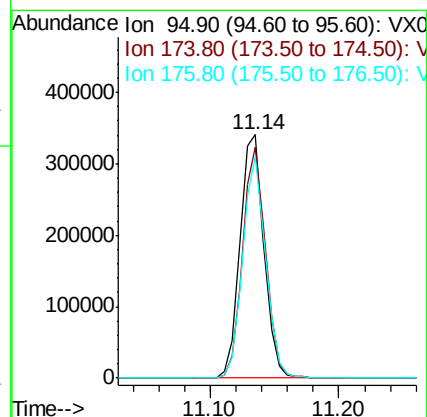
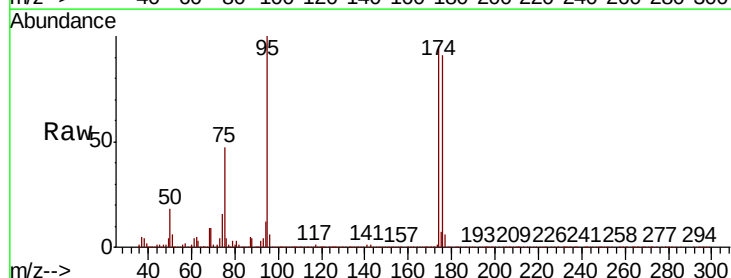
Tgt Ion: 95 Resp: 442479

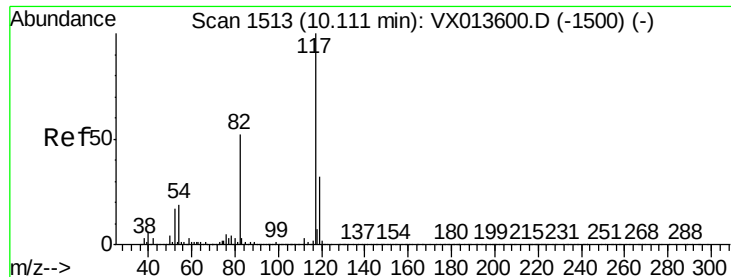
Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.0

176 87.0 0.0 173.6

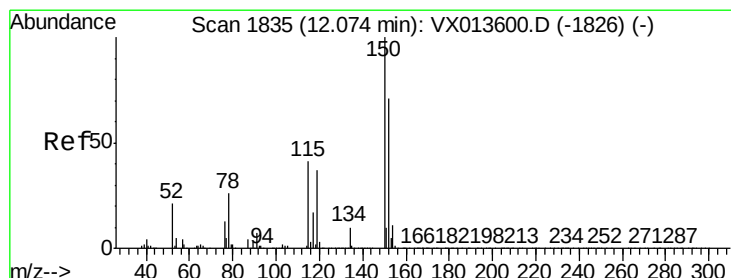
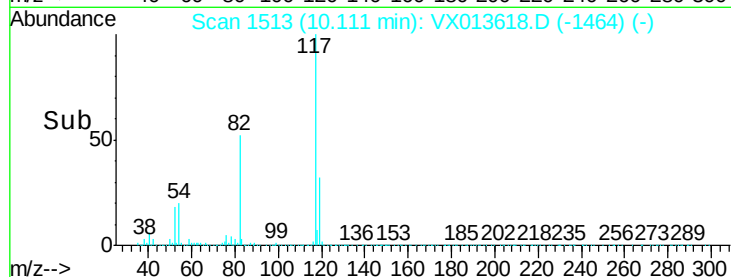
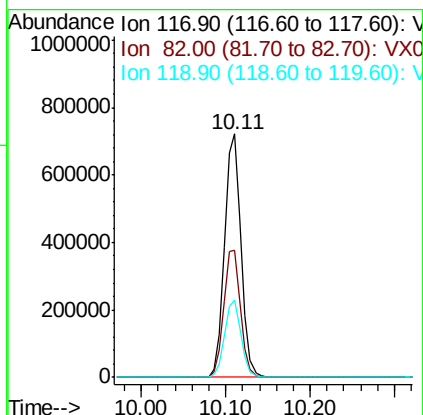
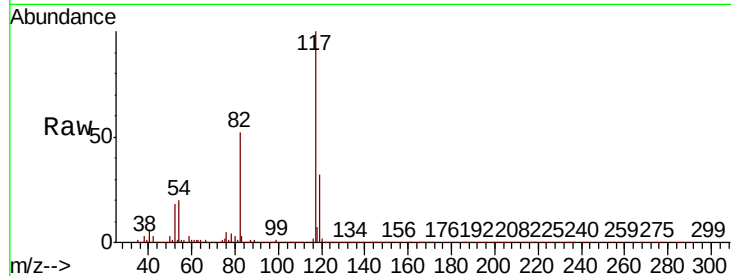




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013618.D
Acq: 26 Nov 2019 23:36

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 975940
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013618.D
Acq: 26 Nov 2019 23:36

Tgt Ion:152 Resp: 450751
Ion Ratio Lower Upper
152 100
115 54.0 38.4 115.1
150 153.7 0.0 346.8

