

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011802.D
 Acq On : 23 Aug 2019 16:51
 Operator : JC/SP
 Sample : K4513-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 26 03:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	480061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	559414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214952	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
35) Dibromofluoromethane	5.49	113	187772	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
50) Toluene-d8	8.71	98	704526	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	236944	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	

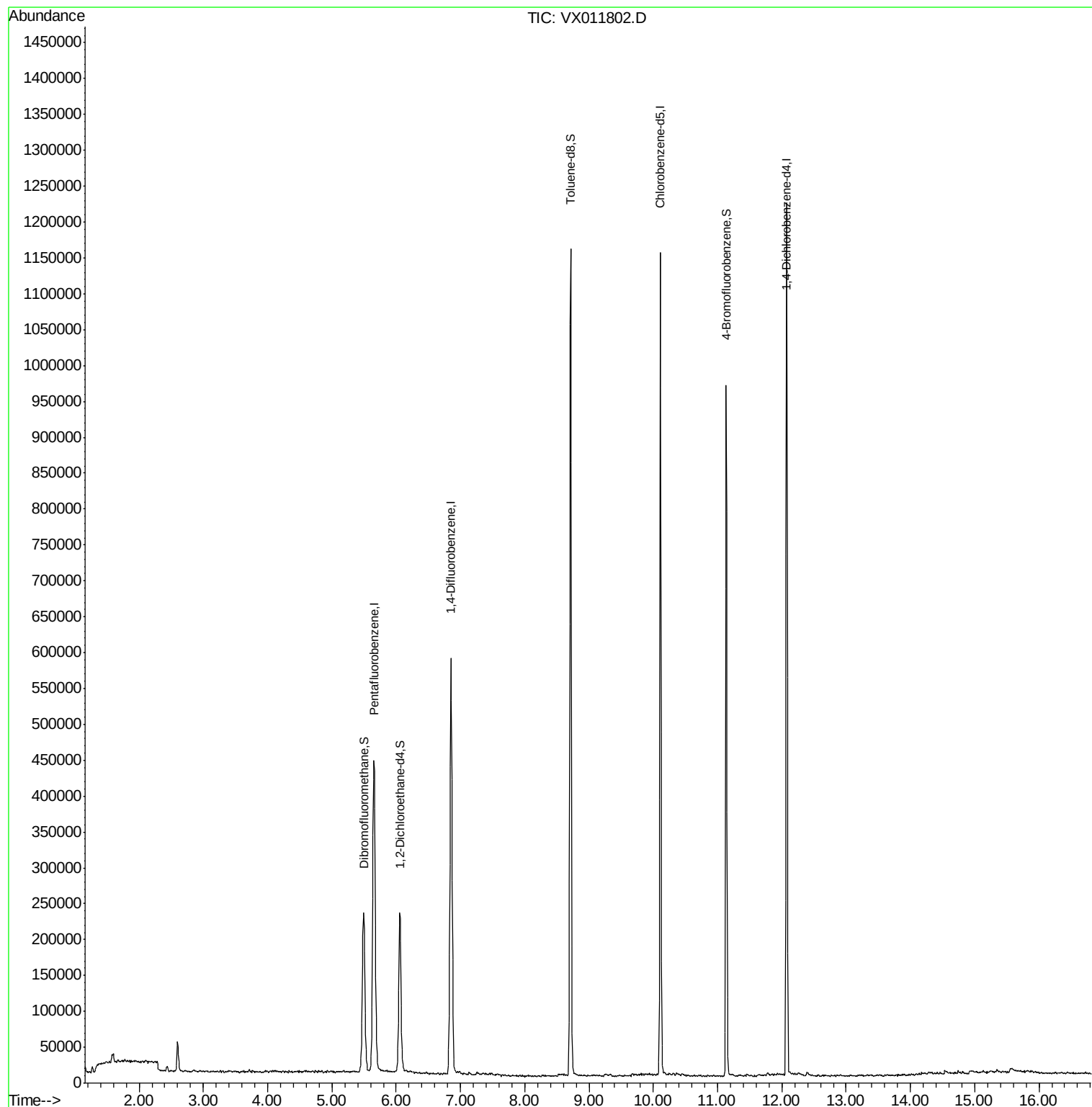
Target Compounds	Qvalue

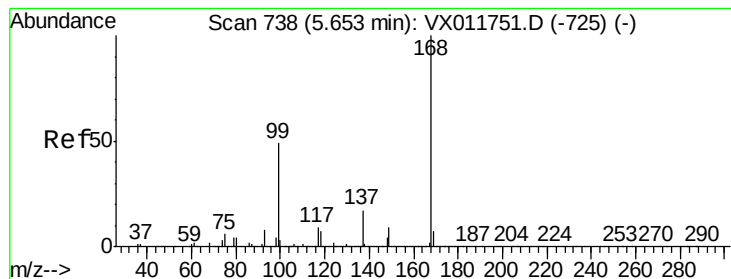
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

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Acq: 23 Aug 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

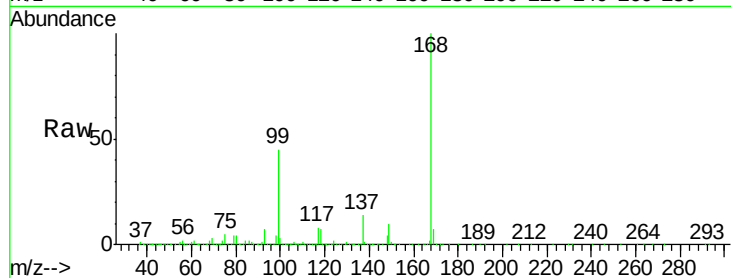
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 480061

Ion Ratio Lower Upper

168 100

99 44.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

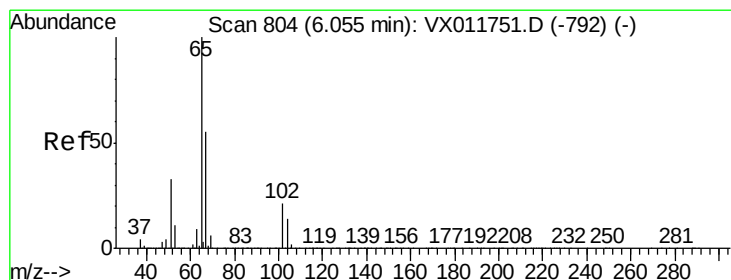
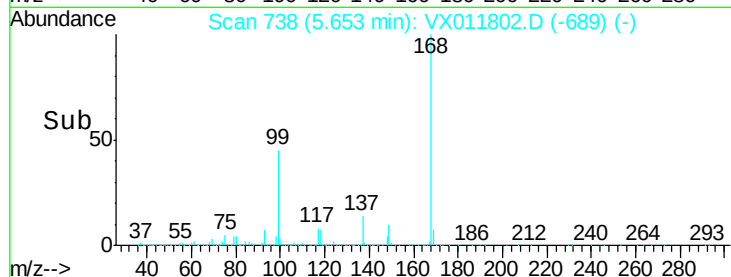
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.573 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011802.D

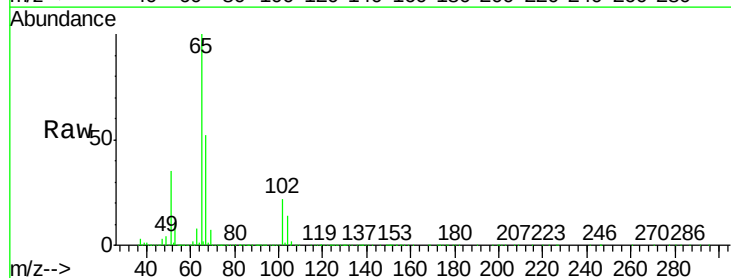
Acq: 23 Aug 2019 16:51

Tgt Ion: 65 Resp: 214952

Ion Ratio Lower Upper

65 100

67 53.2 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

80000

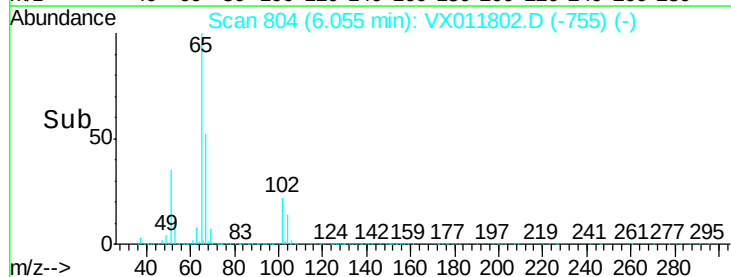
60000

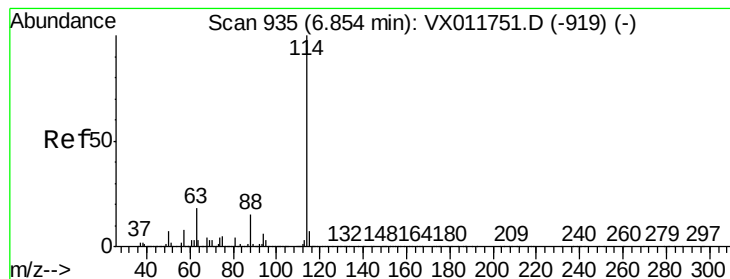
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011802.D

Acq: 23 Aug 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

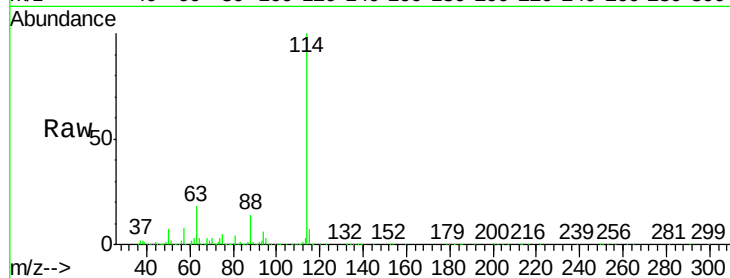
Tot Ion:114 Resp: 640528

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

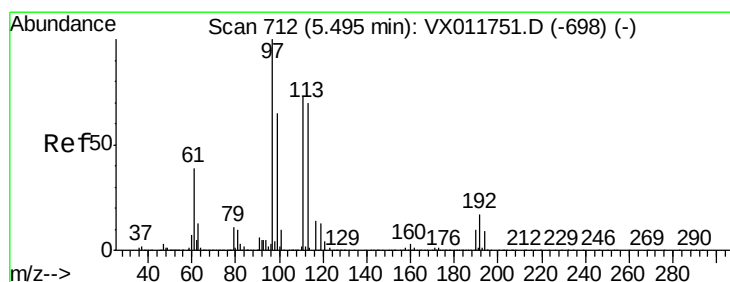
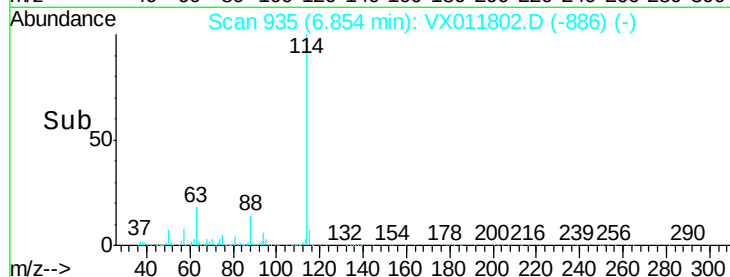
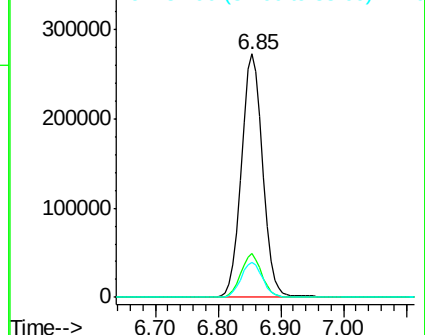
88 14.4 0.0 30.2



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: 45.335 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011802.D

Acq: 23 Aug 2019 16:51

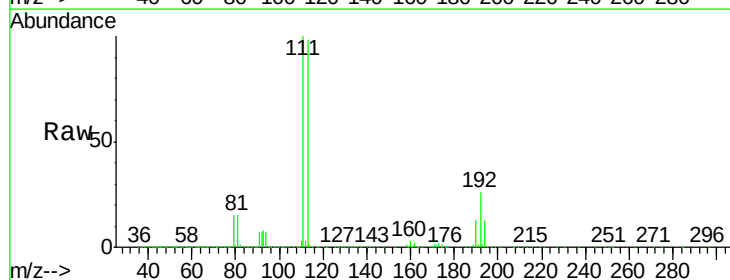
Tgt Ion:113 Resp: 187772

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

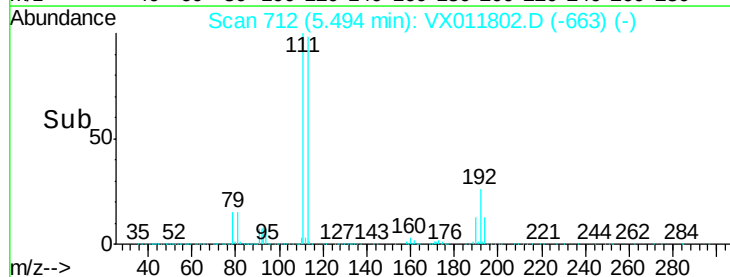
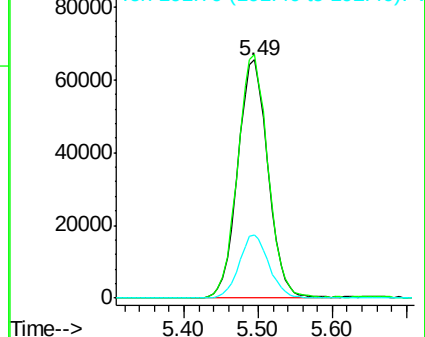
192 26.3 19.9 29.9

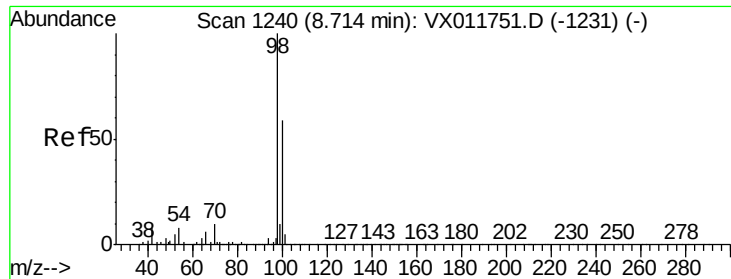


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

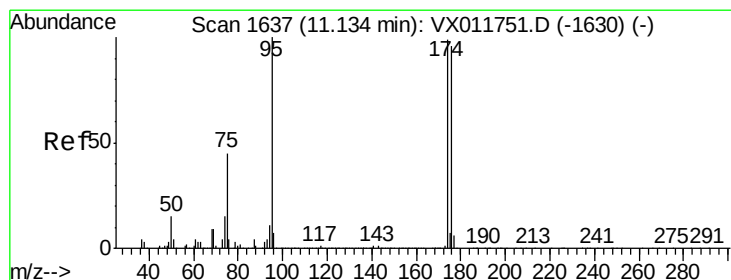
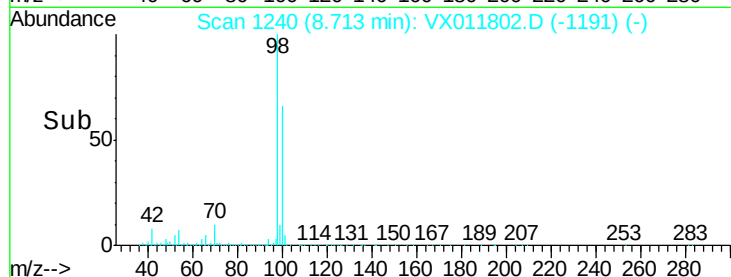
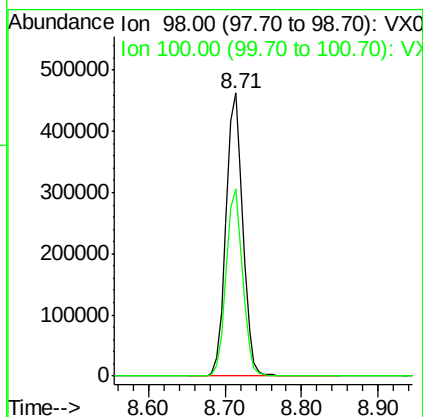
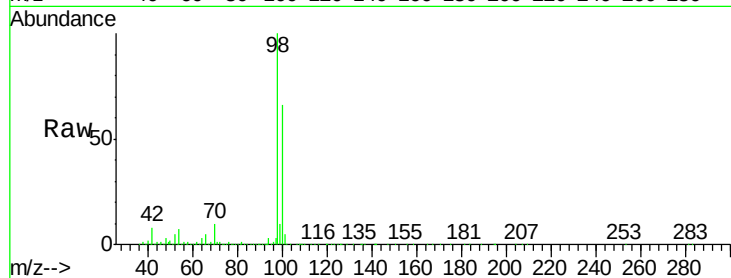




#50
Toluene-d8
Concen: 48.766 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011802.D
Acq: 23 Aug 2019 16:51

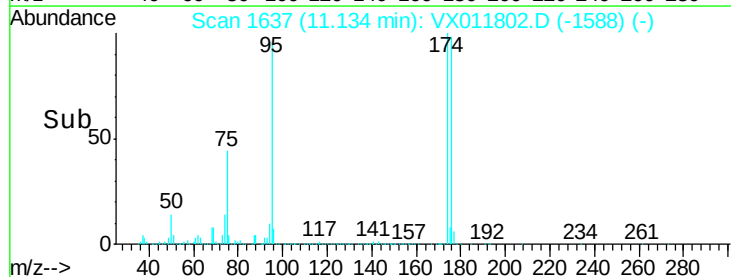
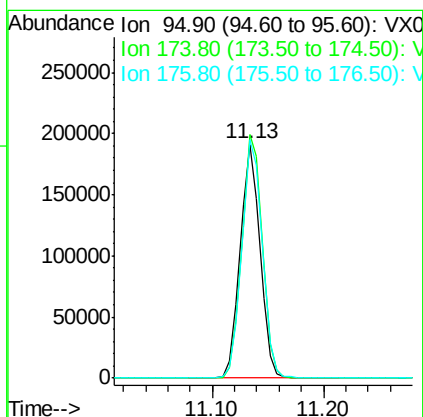
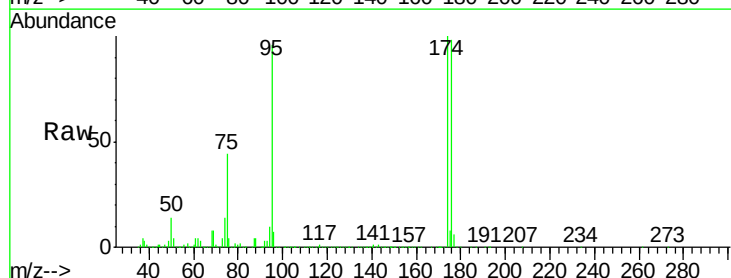
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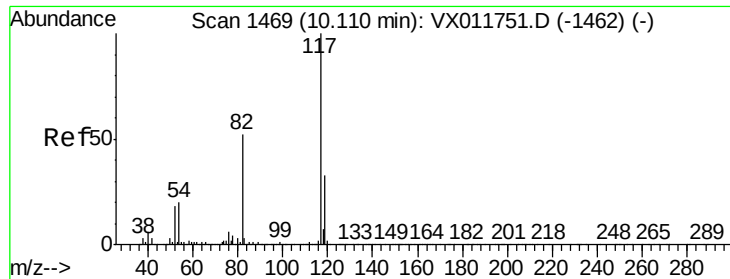
Tot Ion: 98 Resp: 704526
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.494 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011802.D
Acq: 23 Aug 2019 16:51

Tgt Ion: 95 Resp: 236944
Ion Ratio Lower Upper
95 100
174 107.2 0.0 197.4
176 104.8 0.0 194.4

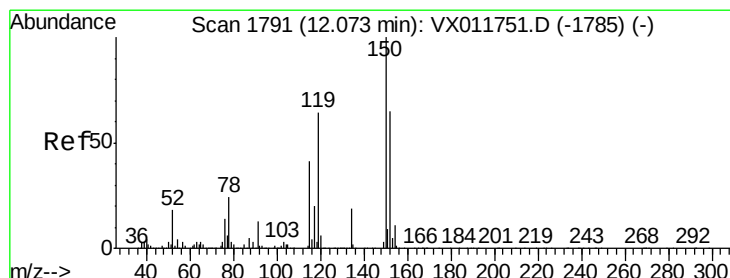
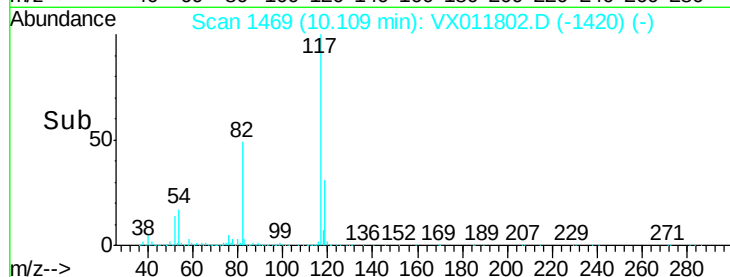
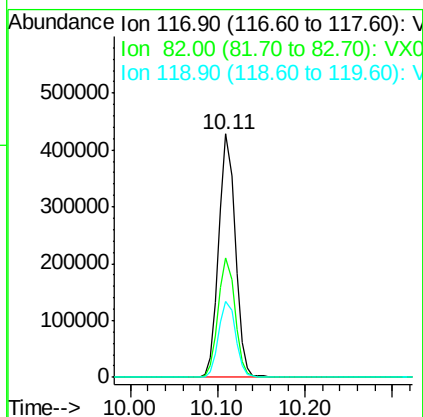
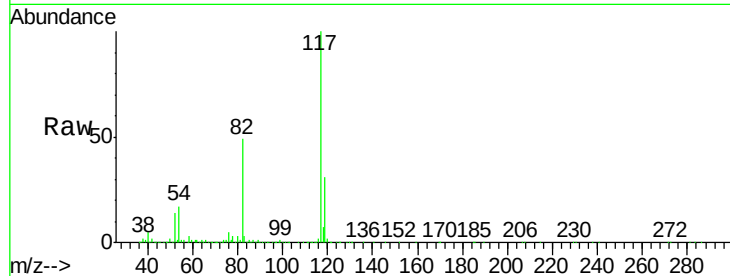




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011802.D
Acq: 23 Aug 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 559414
Ion Ratio Lower Upper
117 100
82 49.0 41.7 62.5
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011802.D
Acq: 23 Aug 2019 16:51

Tgt Ion:152 Resp: 276004
Ion Ratio Lower Upper
152 100
115 52.7 37.3 111.8
150 157.1 0.0 343.0

