

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013943.D
 Acq On : 11 Dec 2019 14:44
 Operator : JC/SP
 Sample : K6237-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-191209

Quant Time: Dec 12 07:20:00 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

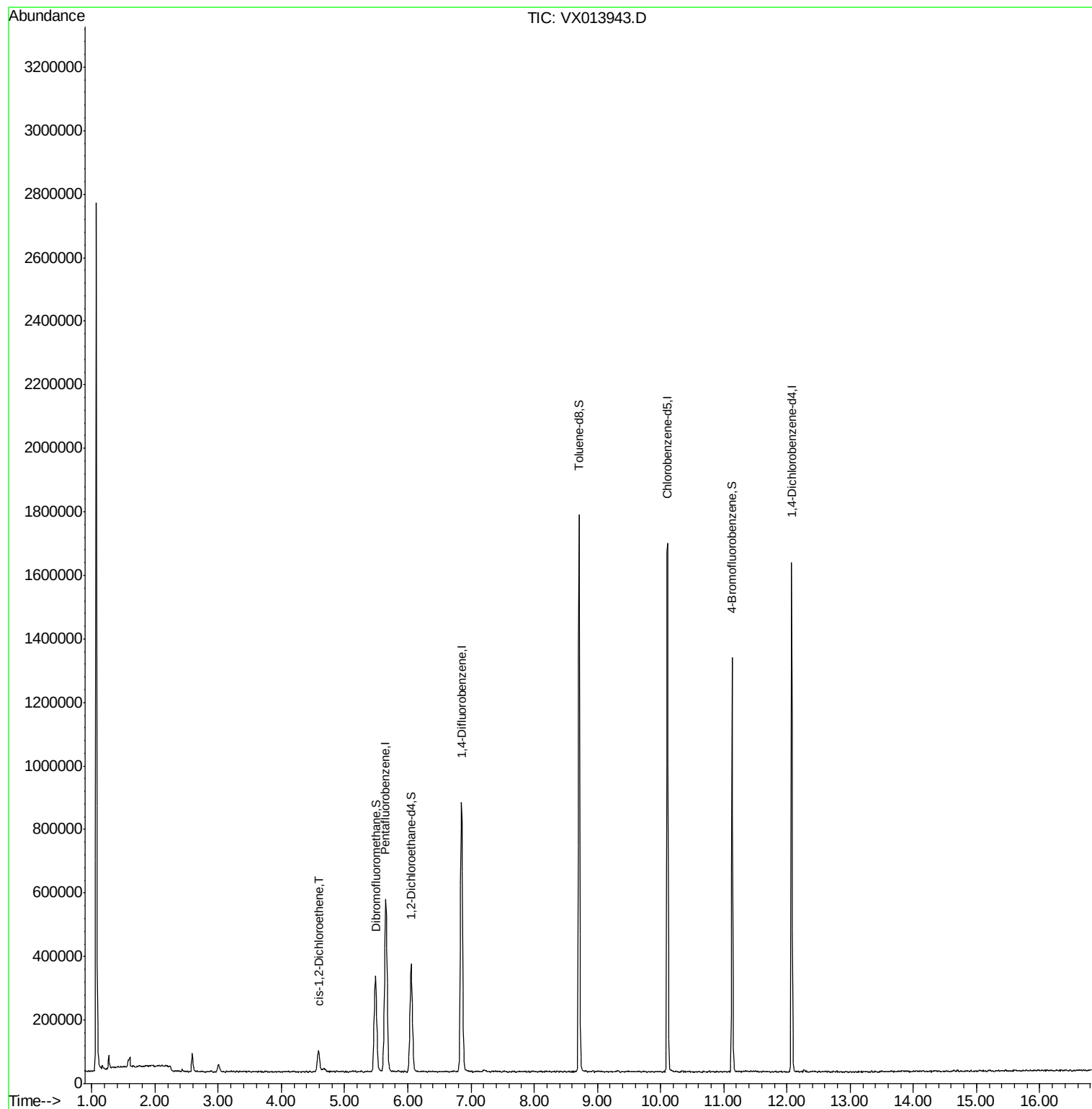
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	874335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	321475	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	259278	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	1033459	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.14	95	338103	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	40340	5.930	ug/l	Qvalue 91

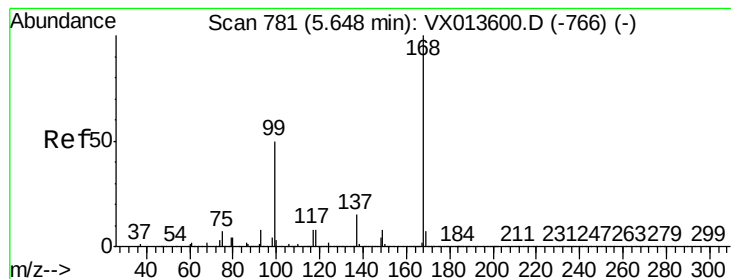
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013943.D

Acq: 11 Dec 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

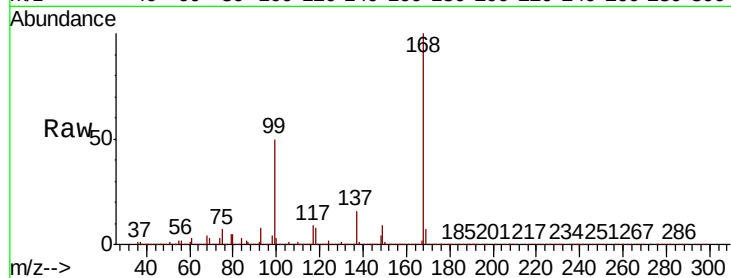
KY038PS038-191209

Tot Ion:168 Resp: 571392

Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

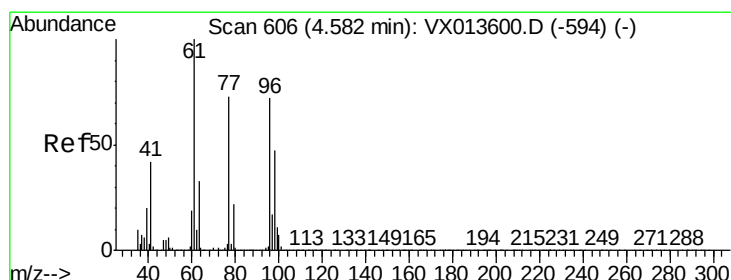
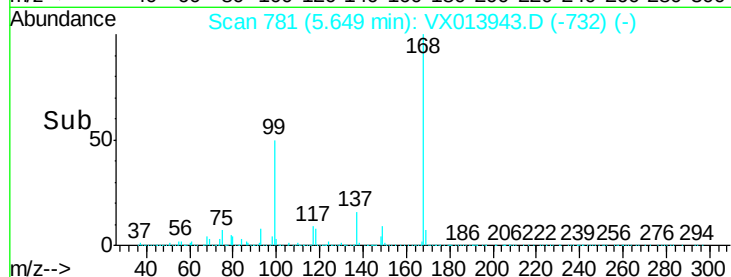
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.930 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013943.D

Acq: 11 Dec 2019 14:44

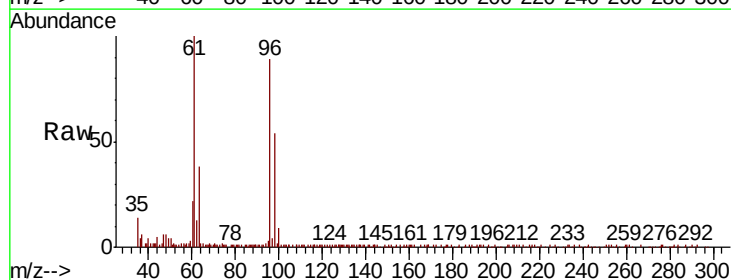
Tgt Ion: 96 Resp: 40340

Ion Ratio Lower Upper

96 100

61 127.9 0.0 286.4

98 65.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.58

25000

20000

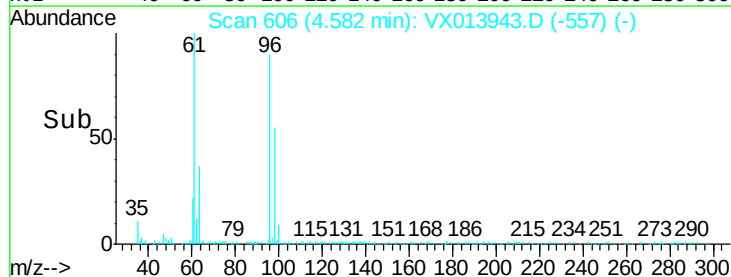
15000

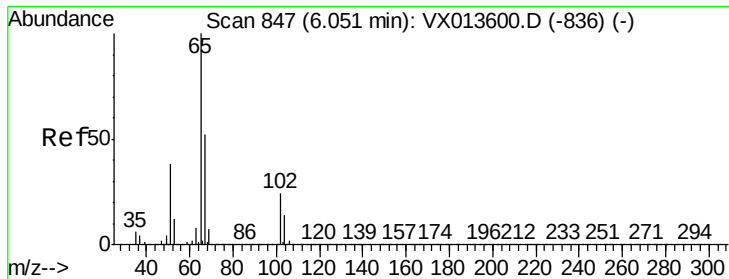
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.469 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013943.D

Acq: 11 Dec 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

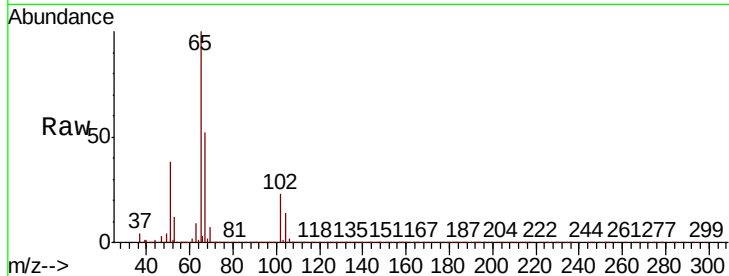
KY038PS038-191209

Tot Ion: 65 Resp: 321475

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

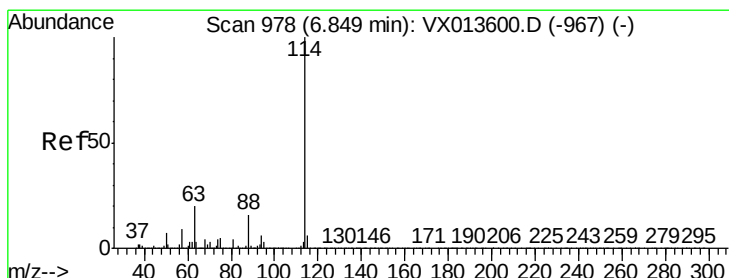
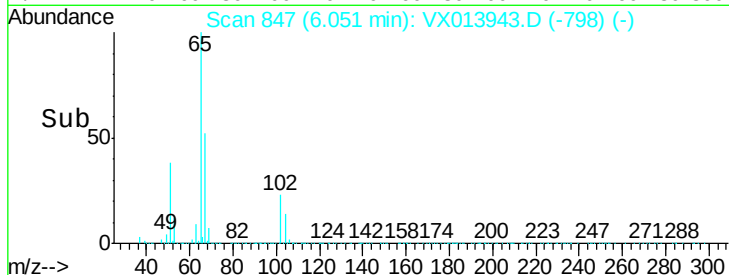
6.05

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013943.D

Acq: 11 Dec 2019 14:44

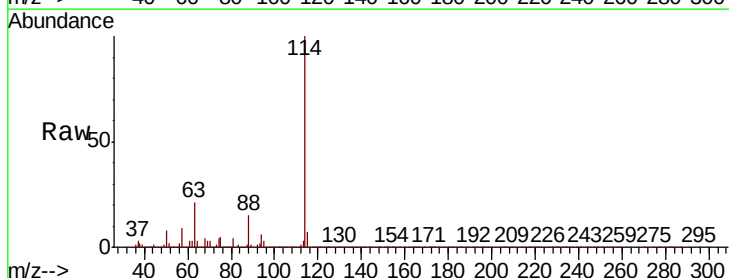
Tgt Ion: 114 Resp: 874335

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 15.3 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

500000

400000

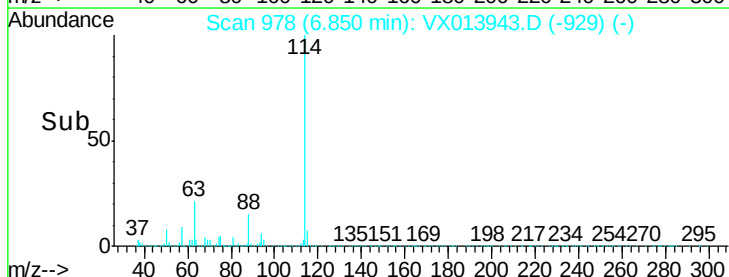
300000

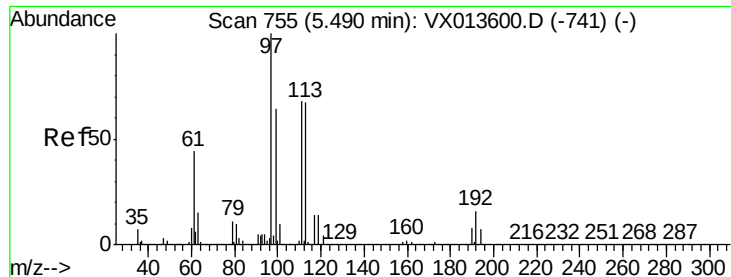
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.968 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013943.D

Acq: 11 Dec 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-191209

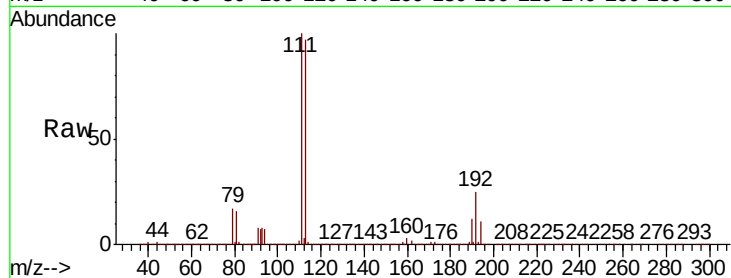
Tot Ion:113 Resp: 259278

Ion Ratio Lower Upper

113 100

111 102.9 83.6 125.4

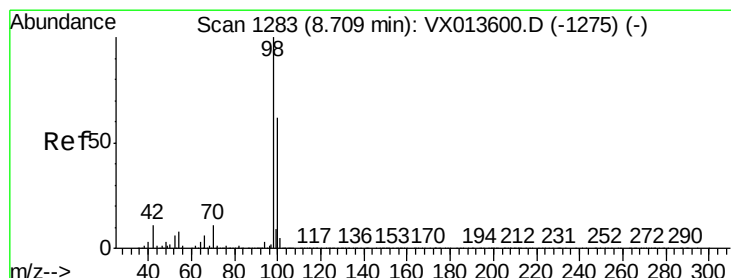
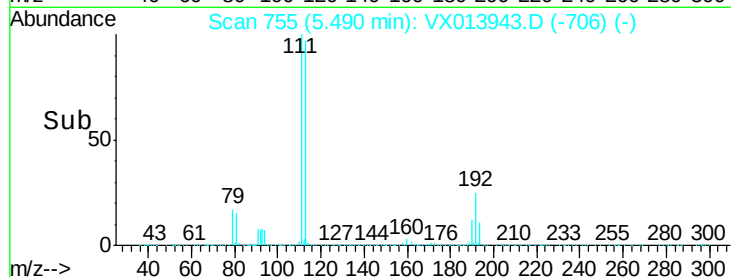
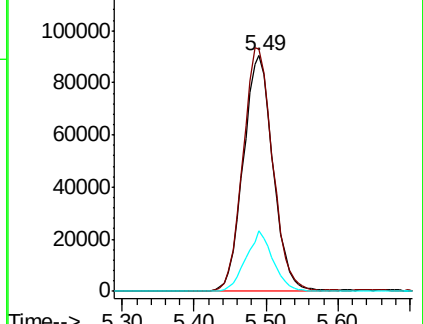
192 23.4 19.2 28.8



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: 49.073 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013943.D

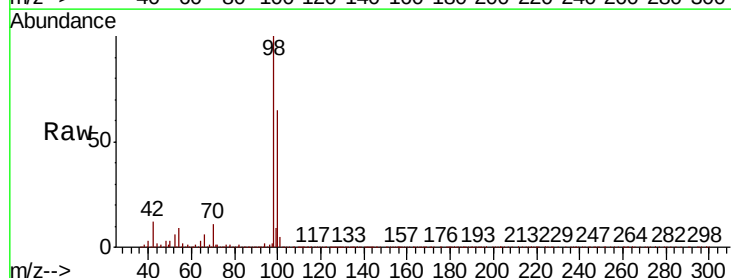
Acq: 11 Dec 2019 14:44

Tgt Ion: 98 Resp: 1033459

Ion Ratio Lower Upper

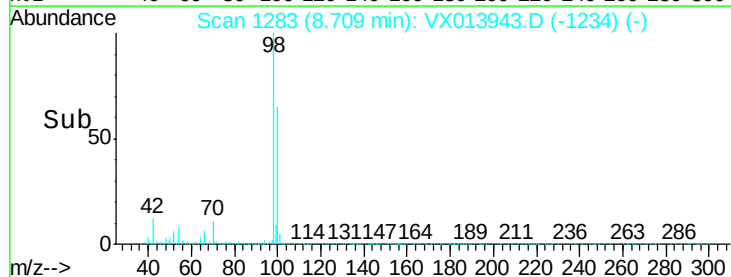
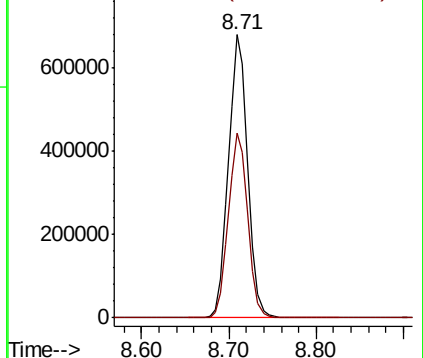
98 100

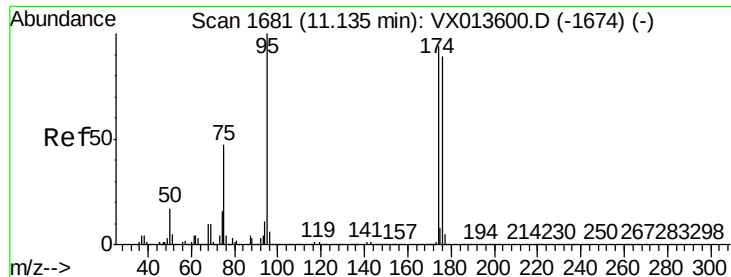
100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

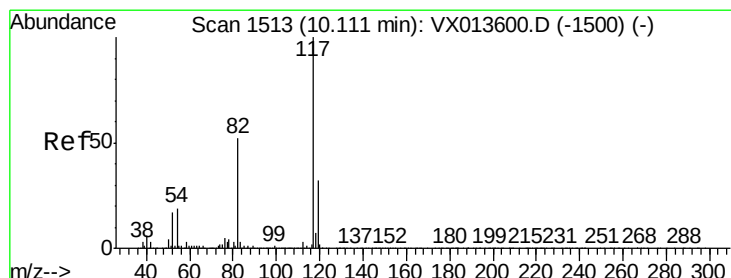
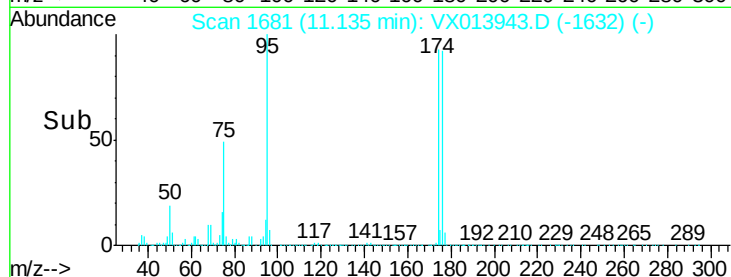
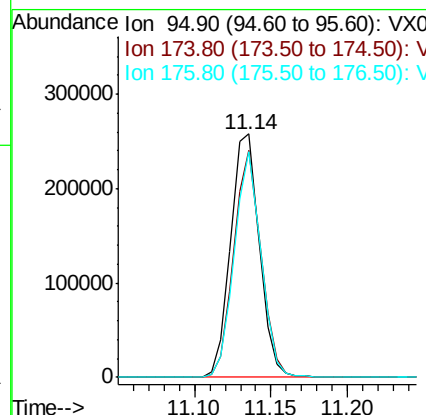
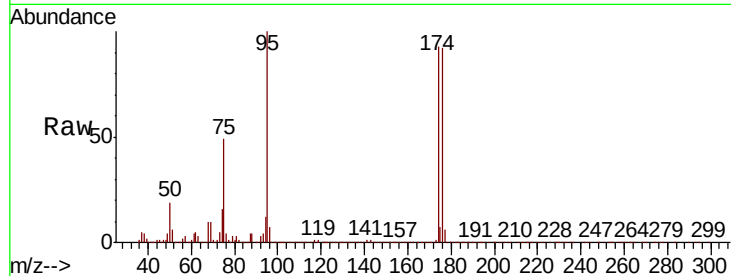




#62
4-Bromofluorobenzene
Concen: 44.522 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013943.D
Acq: 11 Dec 2019 14:44

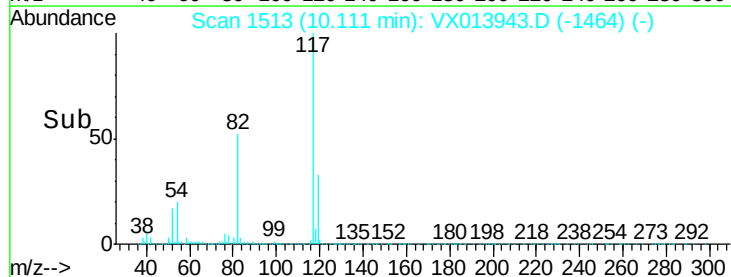
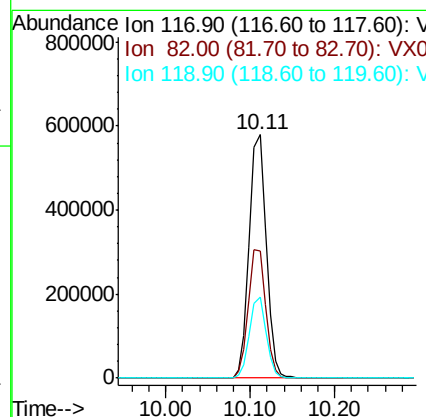
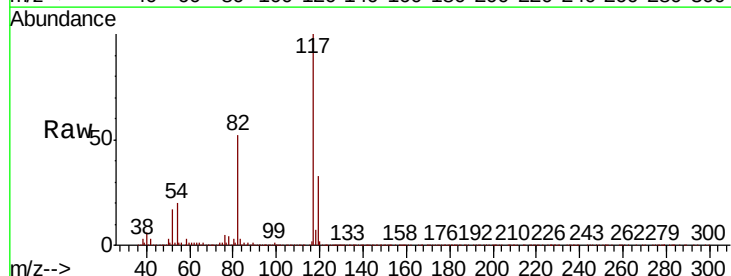
Instrument :
MSVOA_X
ClientSampleId :
KY038PS038-191209

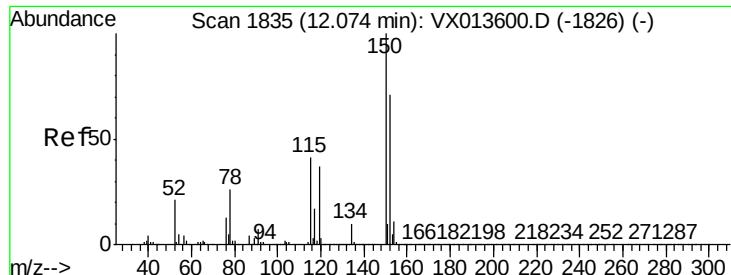
Tot Ion: 95 Resp: 338103
Ion Ratio Lower Upper
95 100
174 88.2 0.0 180.0
176 86.1 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013943.D
Acq: 11 Dec 2019 14:44

Tgt Ion: 117 Resp: 782572
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 33.3 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: VX013943.D

Acq: 11 Dec 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-191209

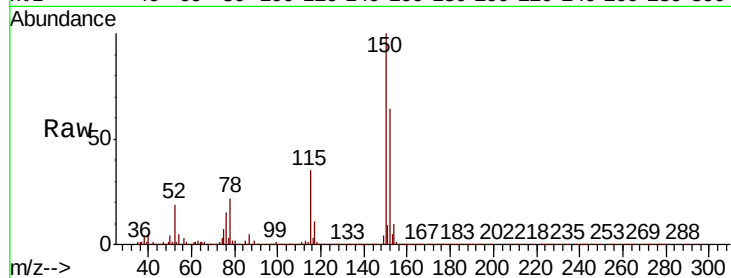
Tot Ion:152 Resp: 331040

Ion Ratio Lower Upper

152 100

115 55.7 38.4 115.1

150 157.6 0.0 346.8



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

