

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013105.D
 Acq On : 17 Oct 2019 14:24
 Operator : JC/SP
 Sample : K5393-25
 Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-13-V1-(24)

Quant Time: Oct 18 10:08:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93828	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	95743	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
35) Dibromofluoromethane	5.49	113	72583	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	297037	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.14	95	102618	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	

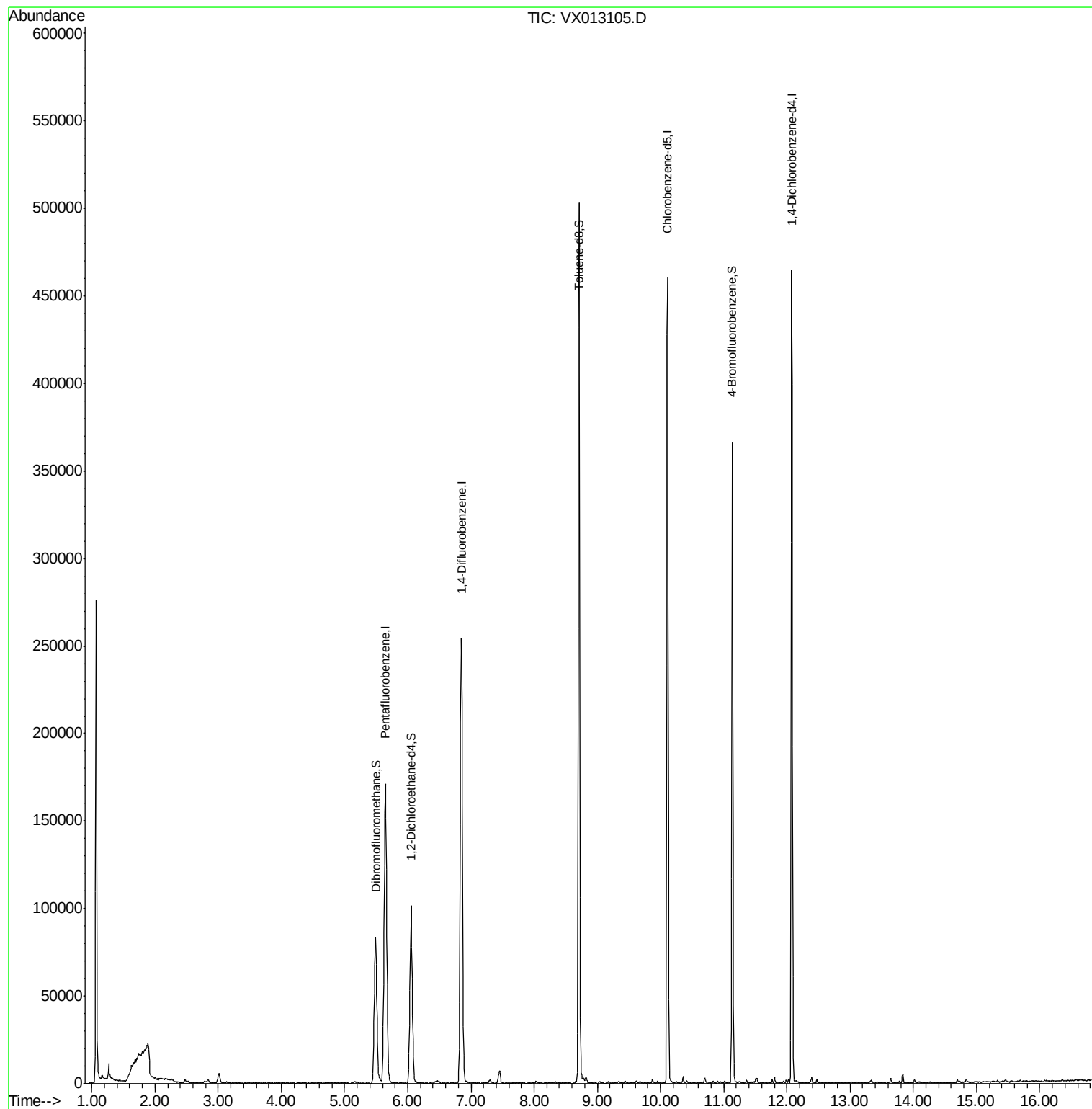
Target Compounds	Qvalue
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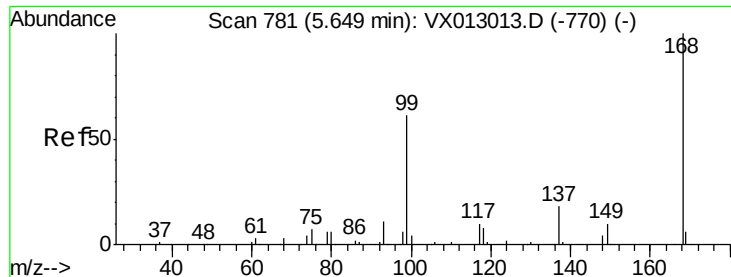
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013105.D

Acq: 17 Oct 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

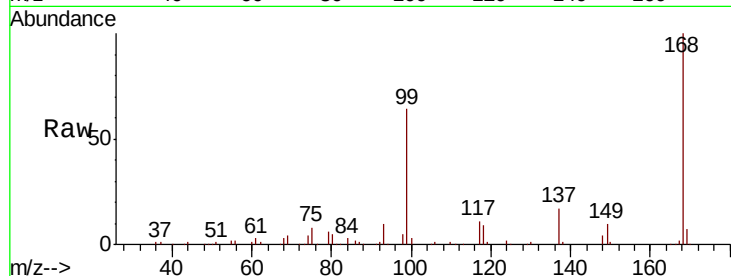
T-13-V1-(24)

Tot Ion:168 Resp: 161473

Ion Ratio Lower Upper

168 100

99 63.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

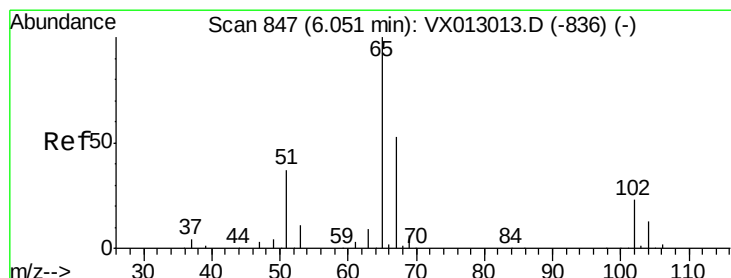
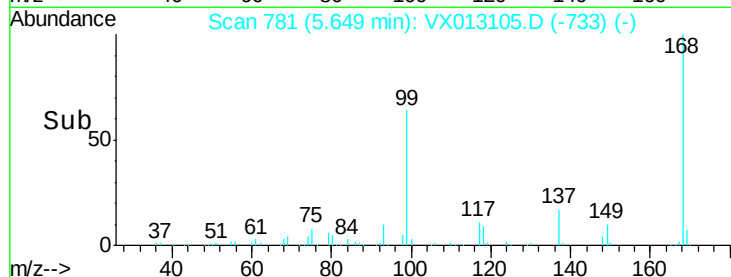
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.440 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013105.D

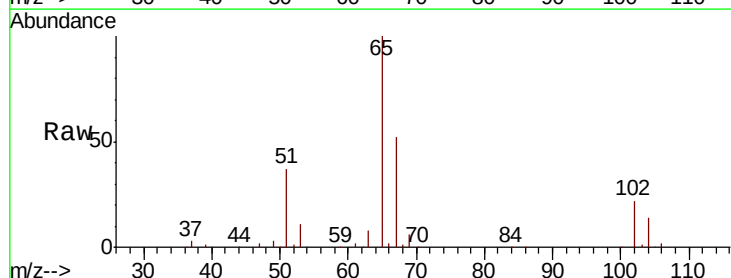
Acq: 17 Oct 2019 14:24

Tgt Ion: 65 Resp: 95743

Ion Ratio Lower Upper

65 100

67 52.9 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

40000

30000

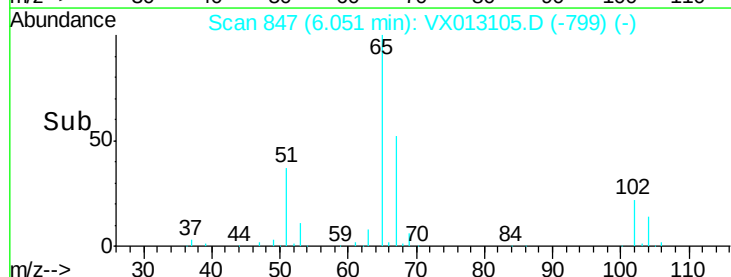
20000

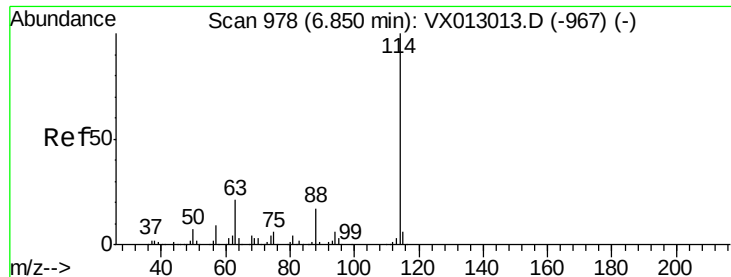
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013105.D

Acq: 17 Oct 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

T-13-V1-(24)

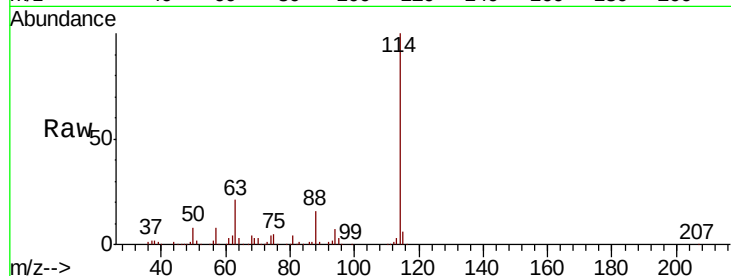
Tot Ion:114 Resp: 257403

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

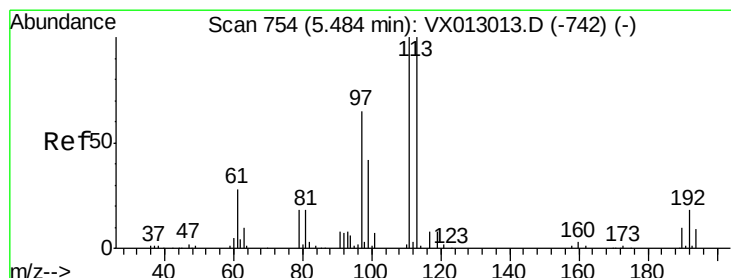
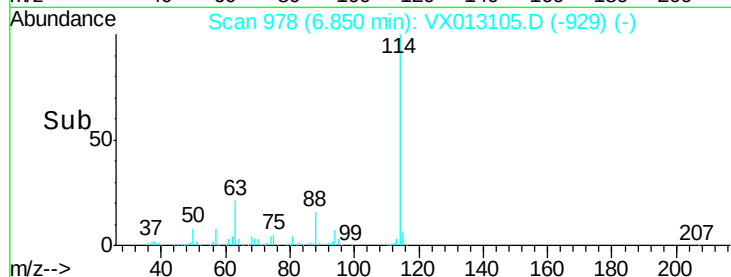
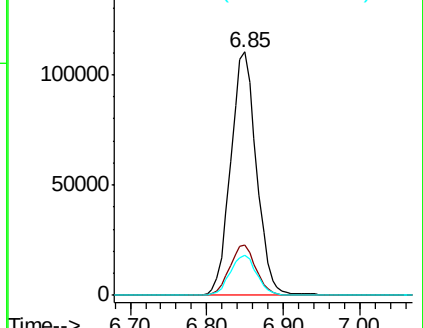
88 16.3 0.0 33.8



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: 49.130 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013105.D

Acq: 17 Oct 2019 14:24

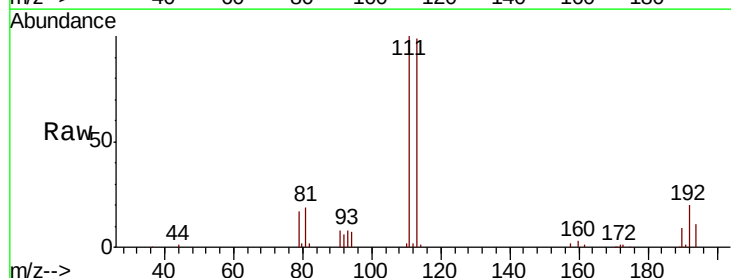
Tgt Ion:113 Resp: 72583

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

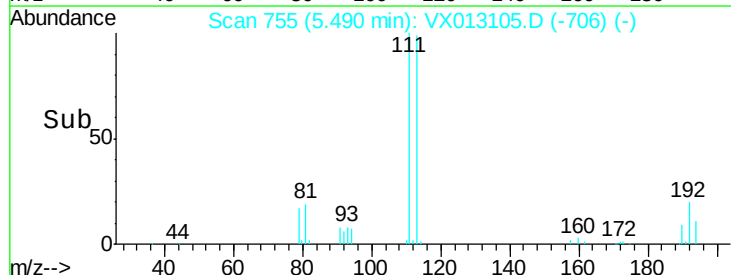
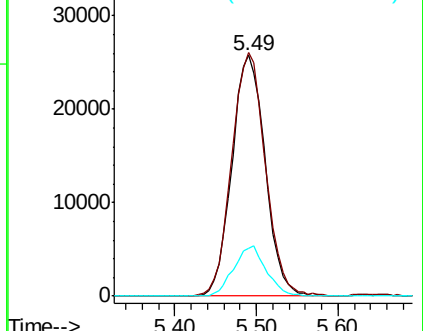
192 20.3 15.4 23.2

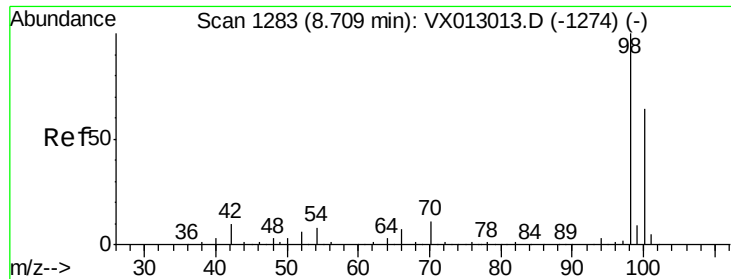


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

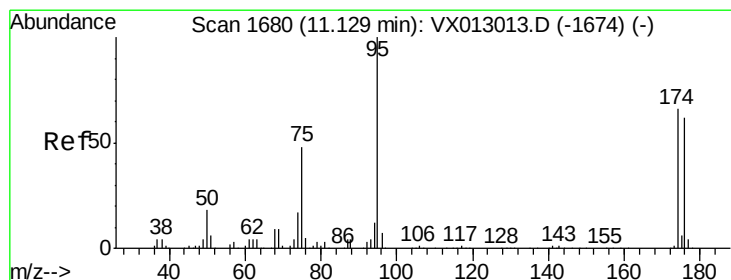
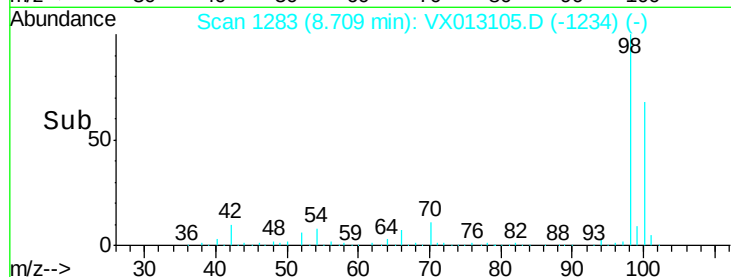
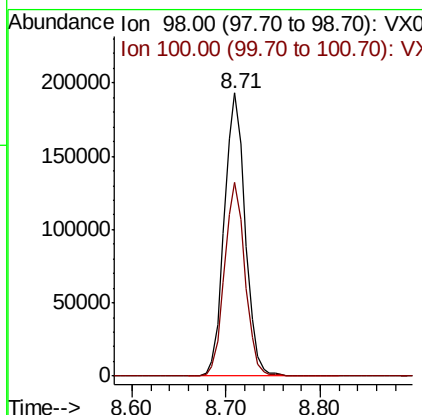
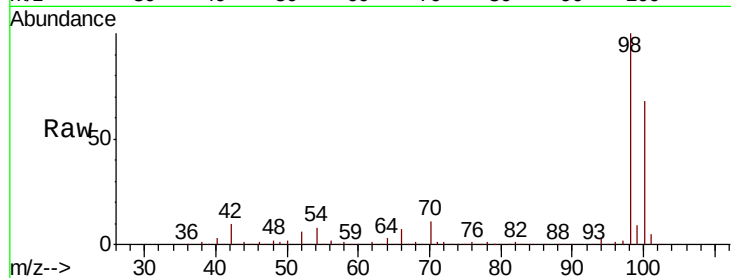




#50
Toluene-d8
Concen: 51.551 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013105.D
Acq: 17 Oct 2019 14:24

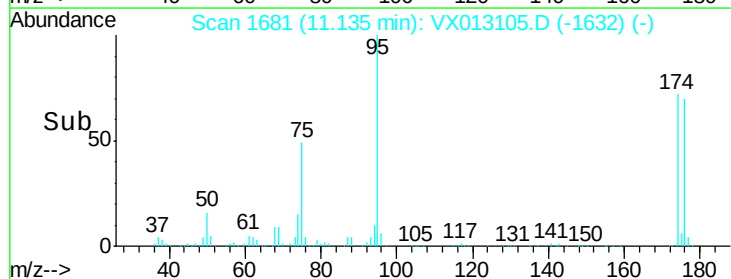
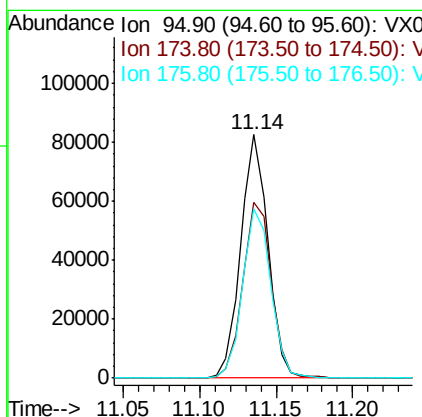
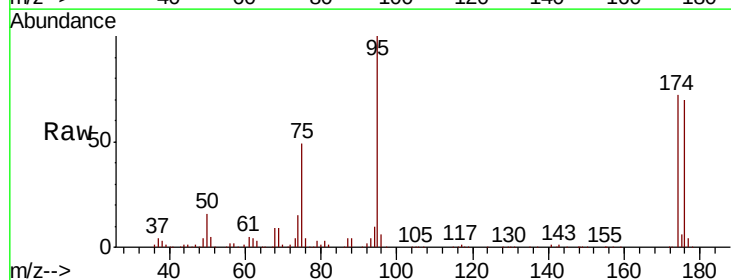
Instrument :
MSVOA_X
ClientSampled :
T-13-V1-(24)

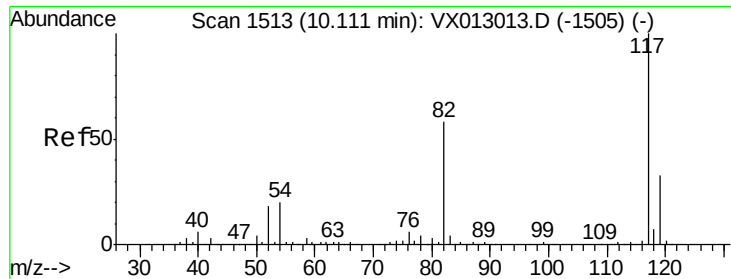
Tot Ion: 98 Resp: 297037
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 45.834 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013105.D
Acq: 17 Oct 2019 14:24

Tgt Ion: 95 Resp: 102618
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.4
176 72.2 0.0 136.0

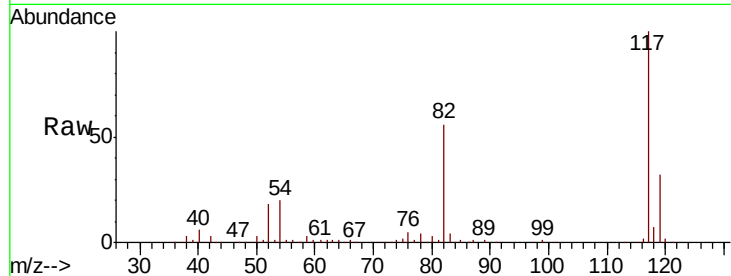




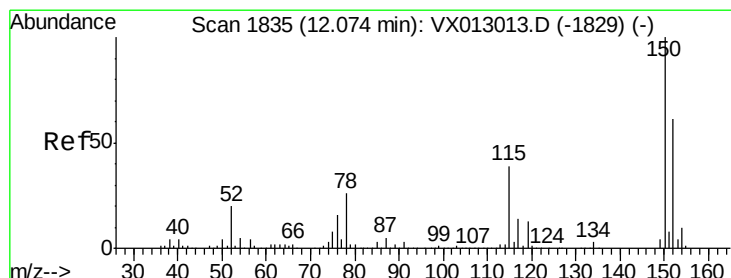
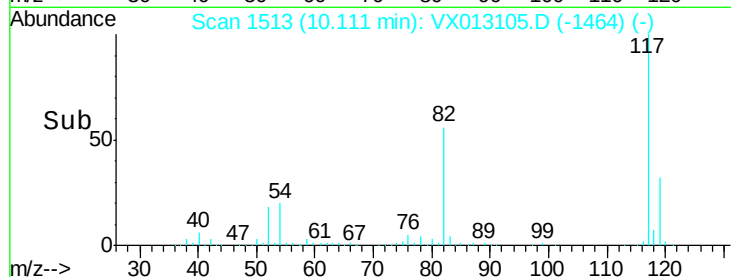
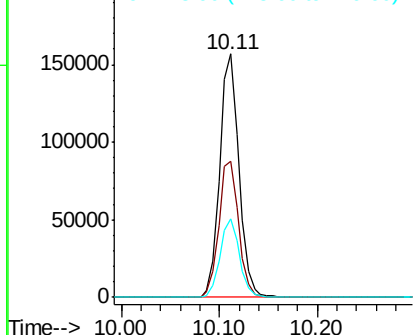
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013105.D
Acq: 17 Oct 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T-13-V1-(24)

Tot Ion:117 Resp: 213180
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.4 25.8 38.8

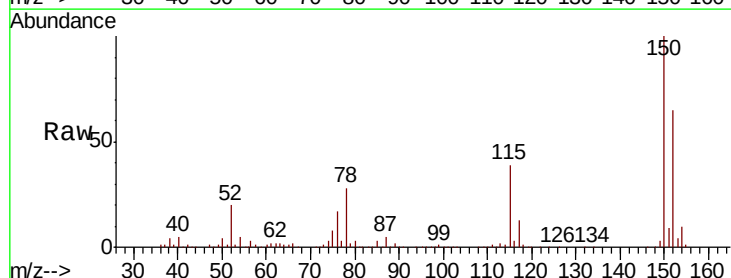


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013105.D
Acq: 17 Oct 2019 14:24

Tgt Ion:152 Resp: 93828
Ion Ratio Lower Upper
152 100
115 60.3 44.5 133.5
150 155.9 0.0 353.4



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

