

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041320\
 Data File : VX015643.D
 Acq On : 13 Apr 2020 15:41
 Operator : JC/SP
 Sample : VX0413WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

Quant Time: Apr 13 17:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1092144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1703756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1648387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	885234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	689739	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
35) Dibromofluoromethane	5.47	113	534150	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.70	98	2066313	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	869309	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

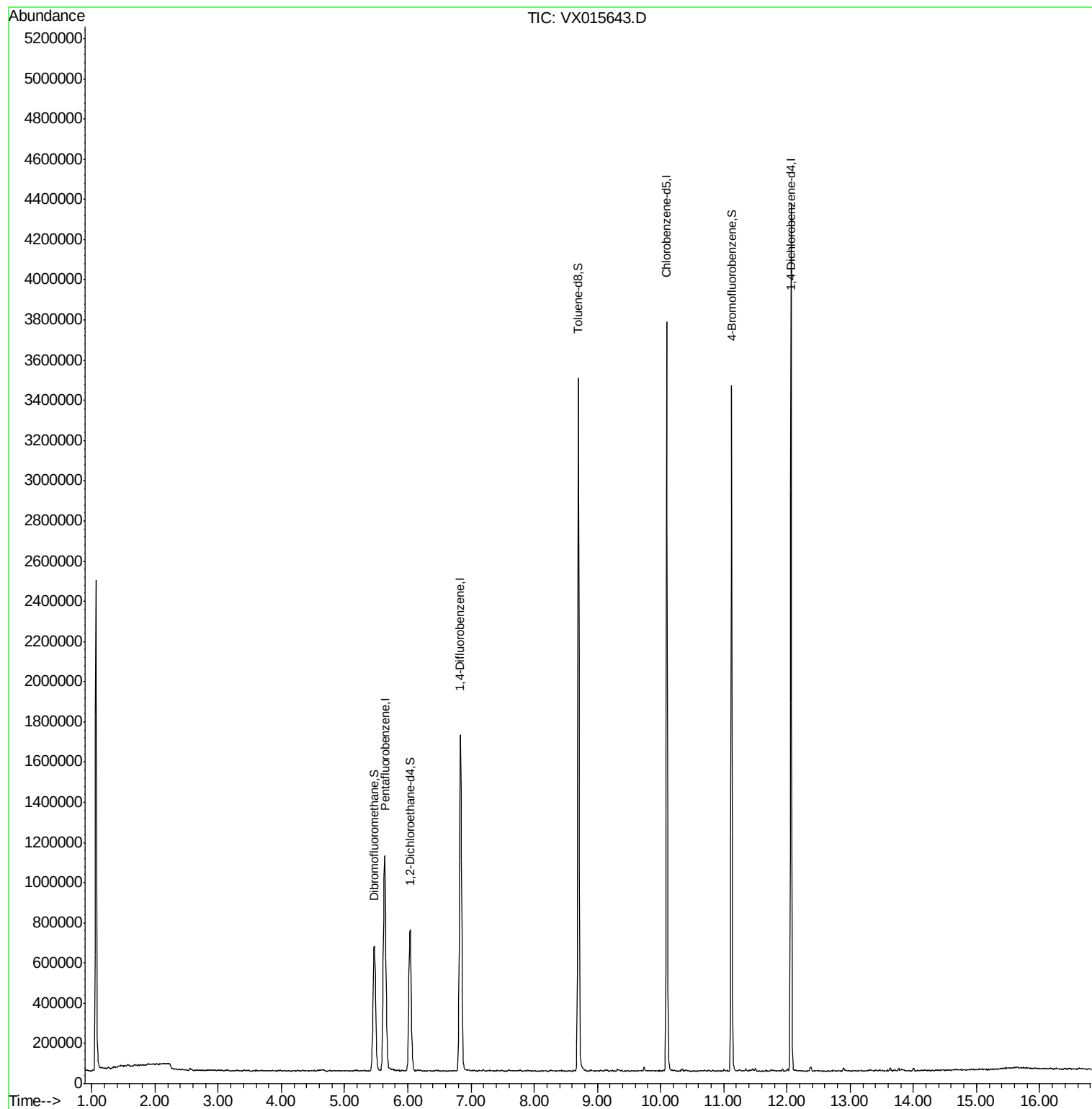
Target Compounds	Qvalue

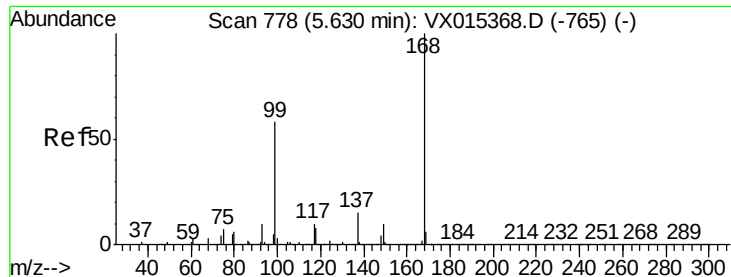
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

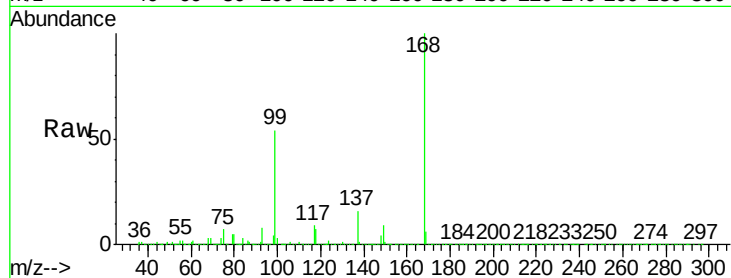
VX0413WBL01

Tot Ion:168 Resp: 1092144

Ion Ratio Lower Upper

168 100

99 53.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

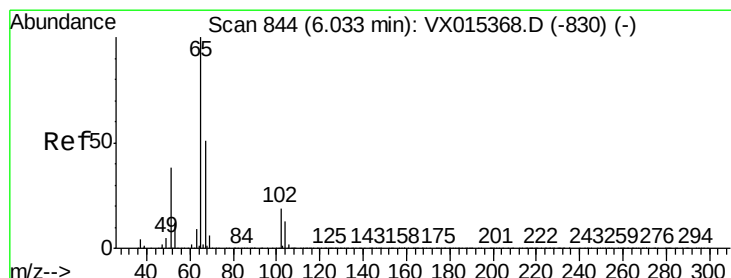
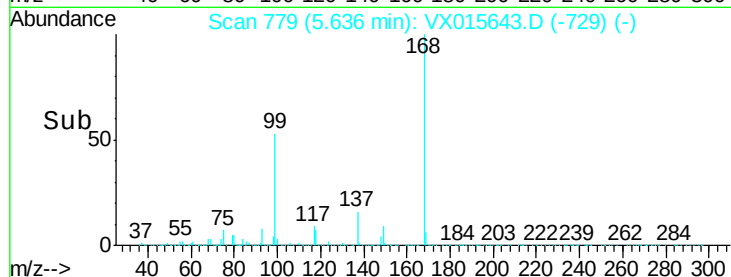
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.778 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015643.D

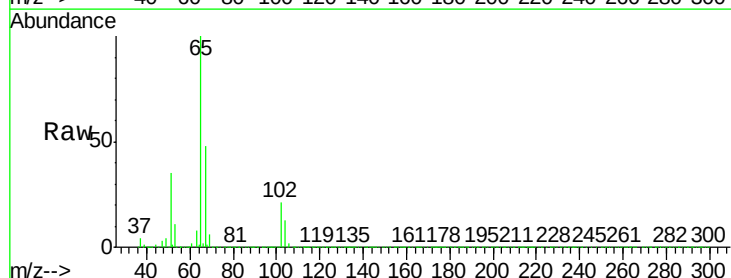
Acq: 13 Apr 2020 15:41

Tgt Ion: 65 Resp: 689739

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

300000

250000

200000

150000

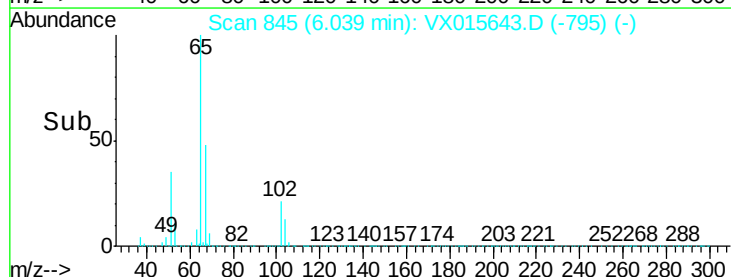
100000

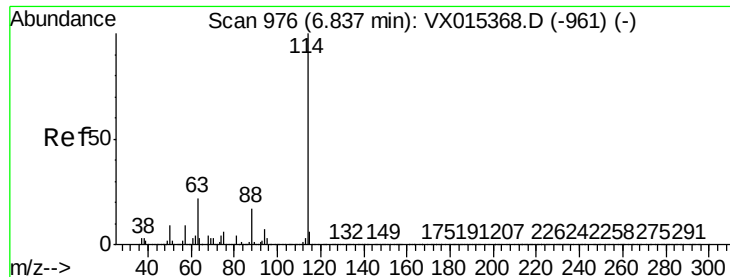
50000

0

5.90 6.00 6.10

Time-->

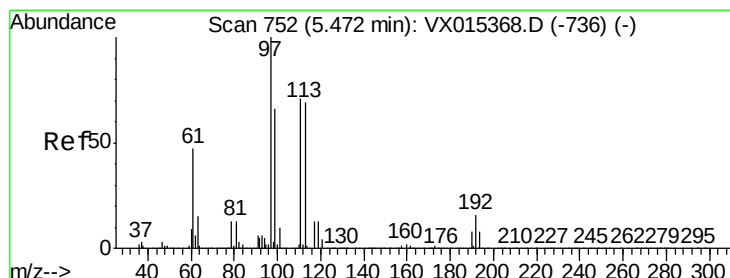
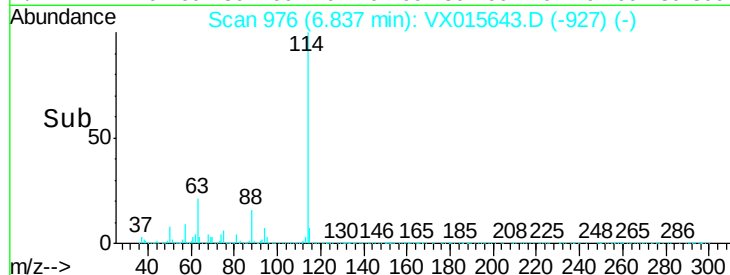
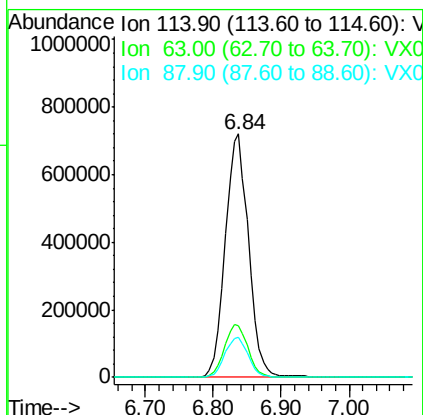
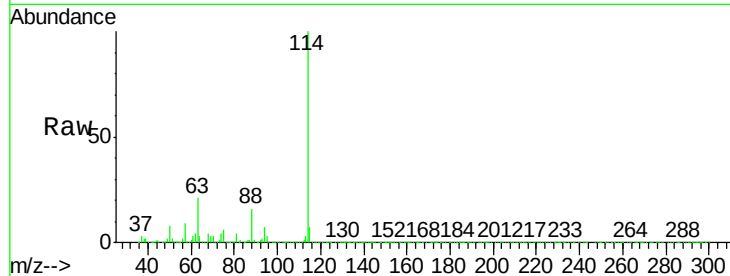




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015643.D
 Acq: 13 Apr 2020 15:41

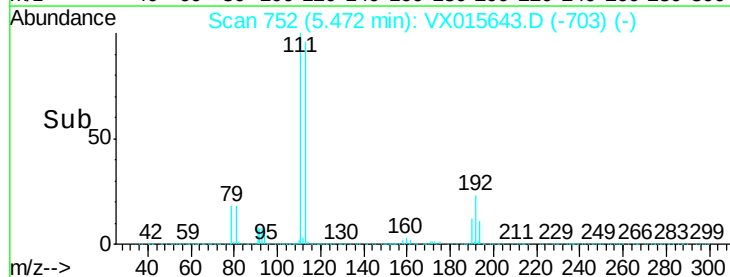
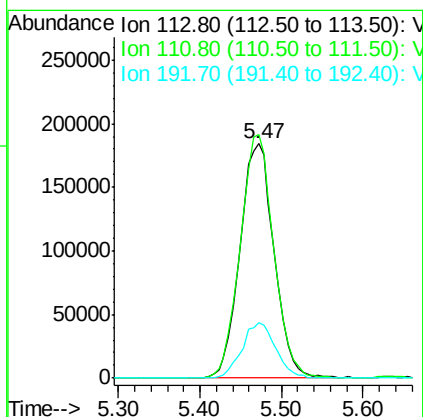
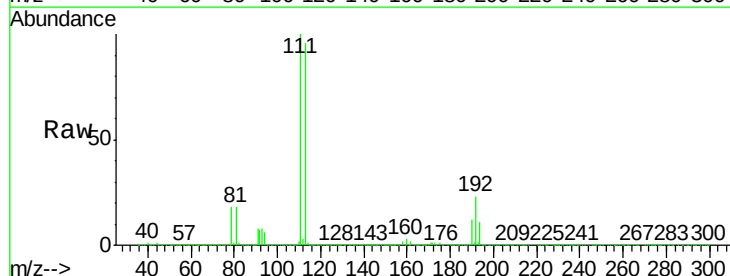
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

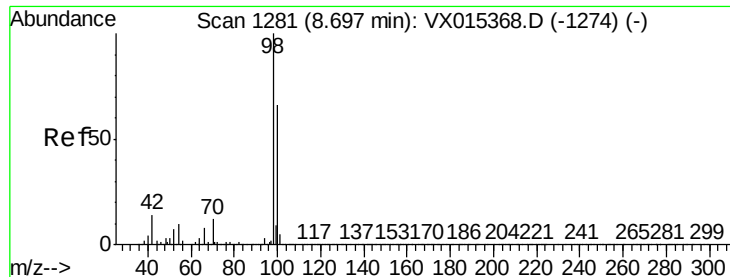
Tot Ion:114 Resp: 1703756
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.3 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.046 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015643.D
 Acq: 13 Apr 2020 15:41

Tgt Ion:113 Resp: 534150
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 23.7 17.8 26.6





#50

Toluene-d8

Concen: 51.532 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

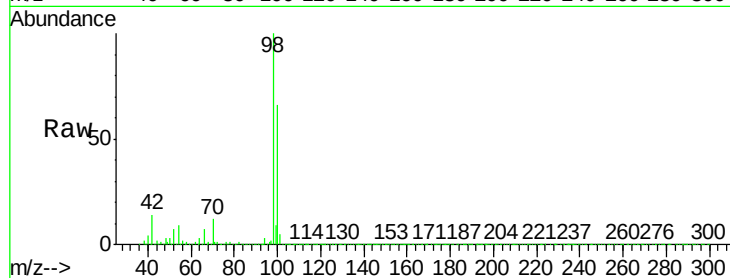
VX0413WBL01

Tot Ion: 98 Resp: 2066313

Ion Ratio Lower Upper

98 100

100 65.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

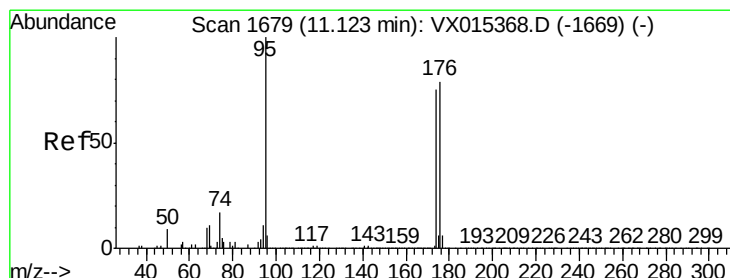
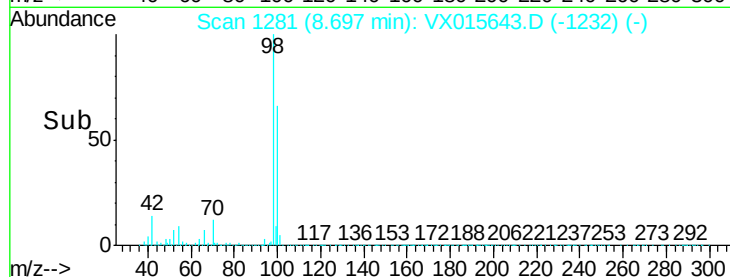
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.346 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

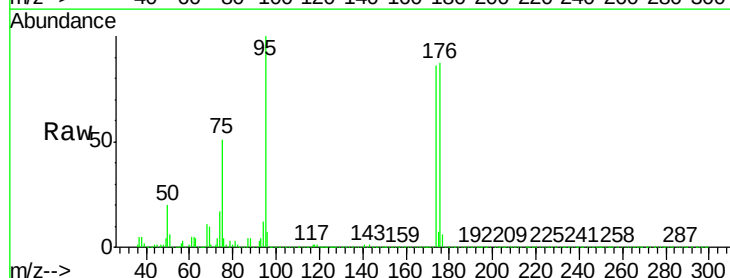
Tgt Ion: 95 Resp: 869309

Ion Ratio Lower Upper

95 100

174 86.1 0.0 158.6

176 83.2 0.0 159.0



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

11.12

800000

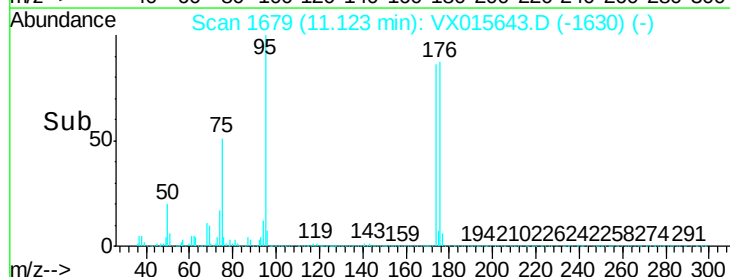
600000

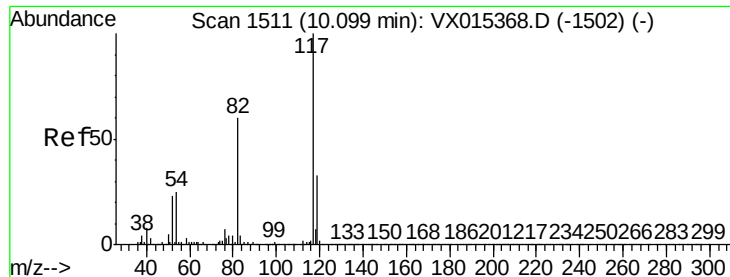
400000

200000

0

Time-->

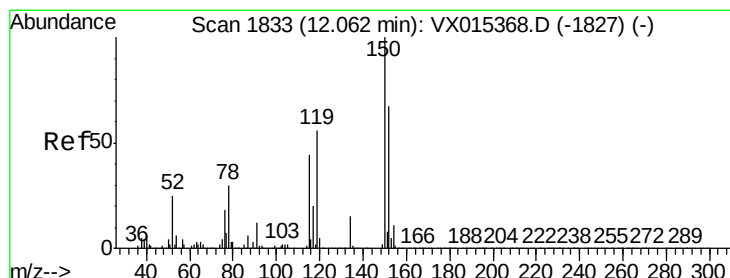
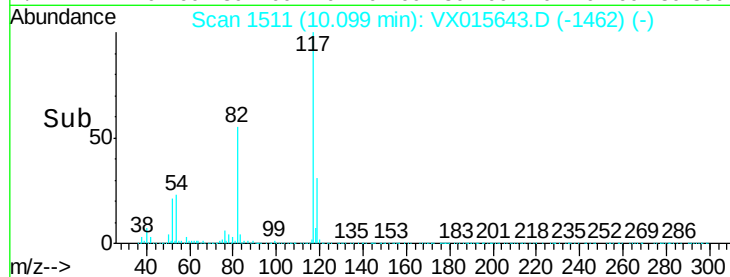
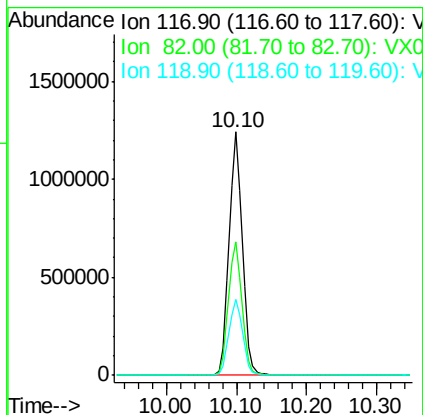
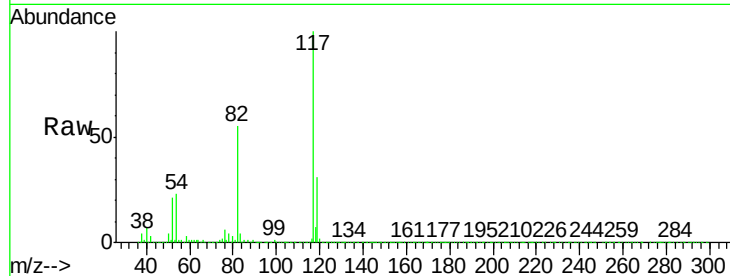




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

Tot Ion:117 Resp: 1648387
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 31.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

Tgt Ion:152 Resp: 885234
Ion Ratio Lower Upper
152 100
115 58.6 39.0 116.9
150 155.8 0.0 340.8

