

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015934.D
 Acq On : 24 Apr 2020 16:36
 Operator : JC/SP
 Sample : VX0424WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBL01

Quant Time: Apr 25 07:23:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	137003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	255104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	242256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	98860	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	5.46	113	75681	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	8.70	98	320324	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
62) 4-Bromofluorobenzene	11.12	95	126624	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

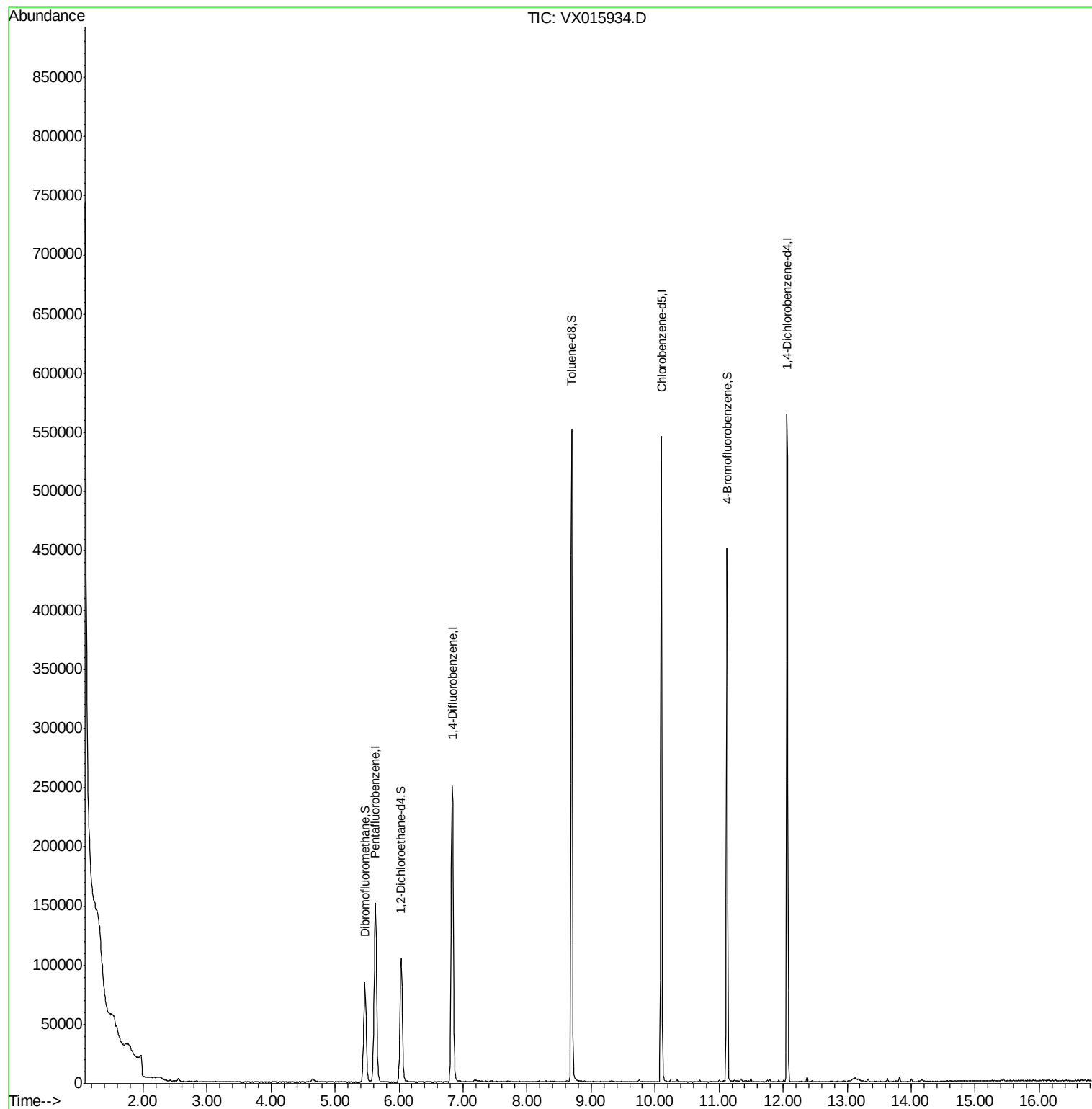
Target Compounds	Qvalue

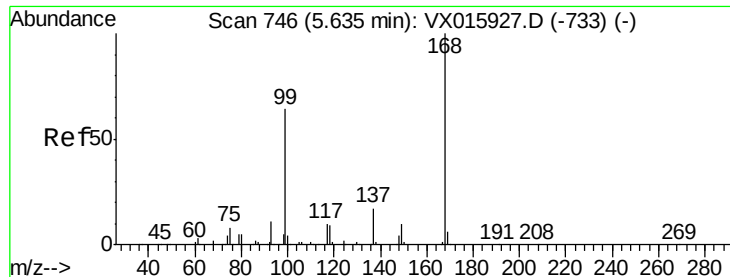
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015934.D

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Instrument :

MSVOA_X

ClientSampleId :

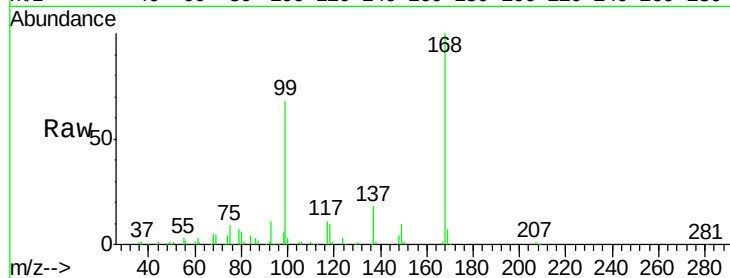
VX0424WBL01

Tot Ion:168 Resp: 137003

Ion Ratio Lower Upper

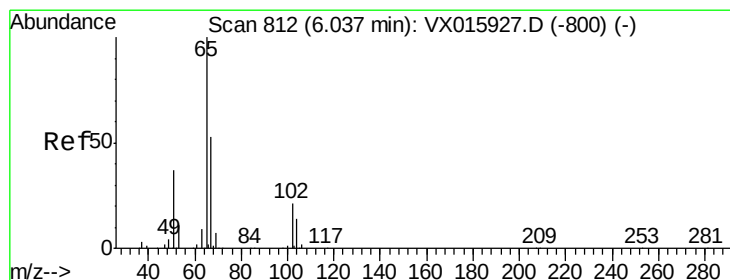
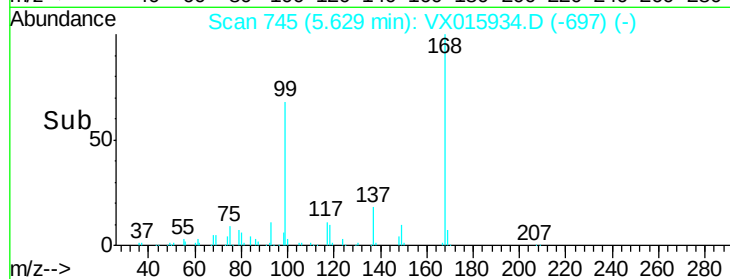
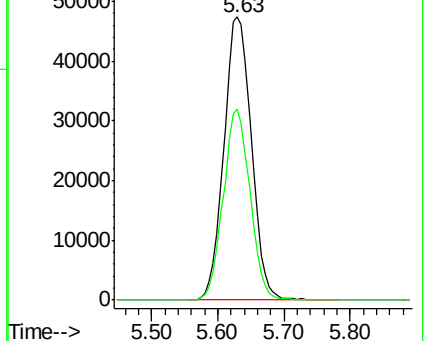
168 100

99 67.6 51.2 76.8



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: 51.104 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015934.D

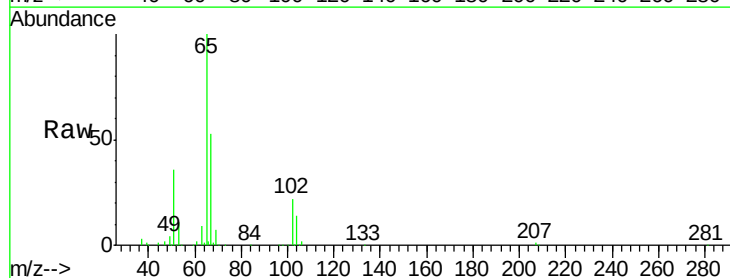
Acq: 24 Apr 2020 16:36

Tgt Ion: 65 Resp: 98860

Ion Ratio Lower Upper

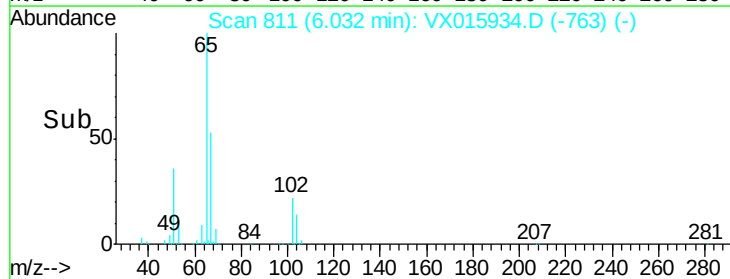
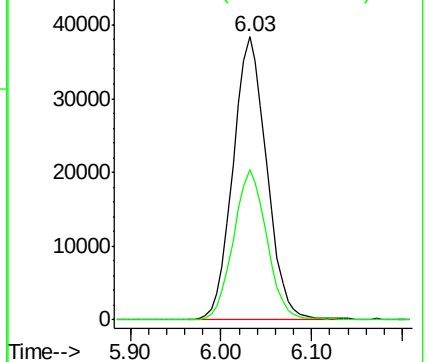
65 100

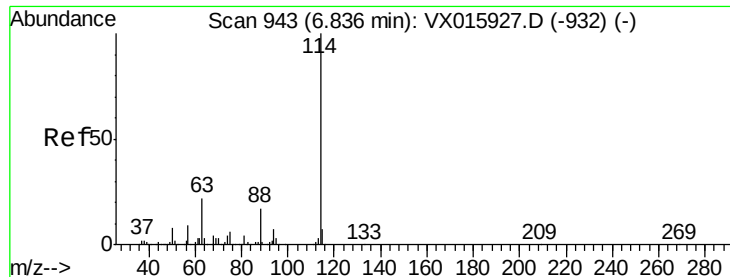
67 52.4 0.0 106.6



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015934.D

Acq: 24 Apr 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL01

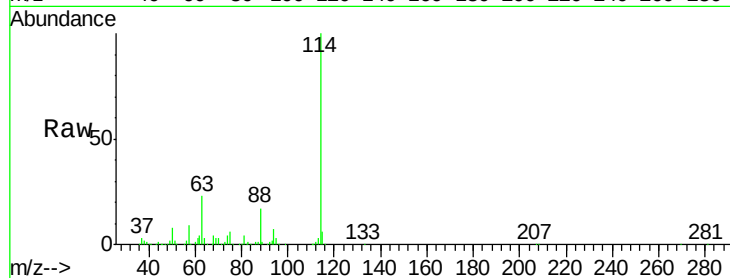
Tot Ion:114 Resp: 255104

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.4

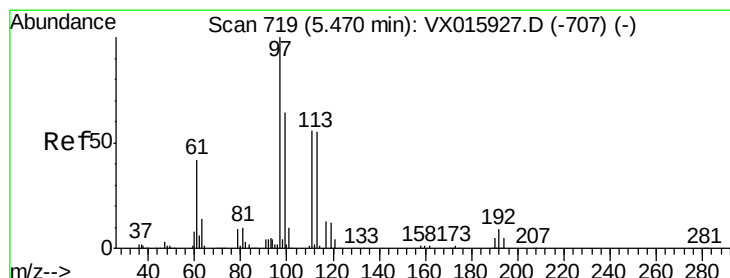
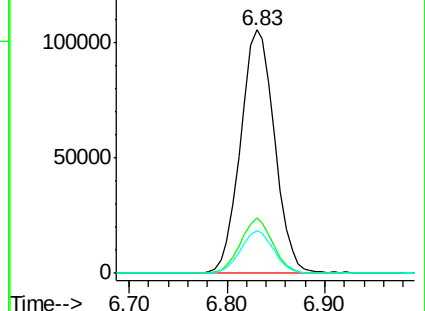
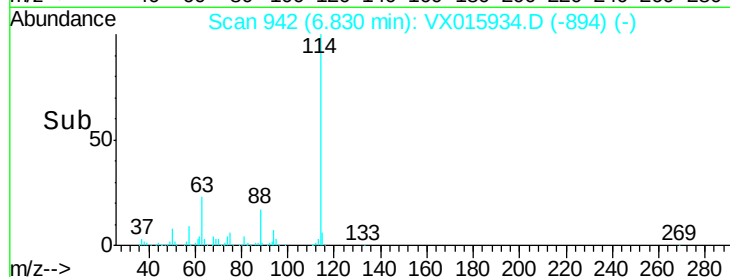
88 17.3 0.0 34.2



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: 54.396 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015934.D

Acq: 24 Apr 2020 16:36

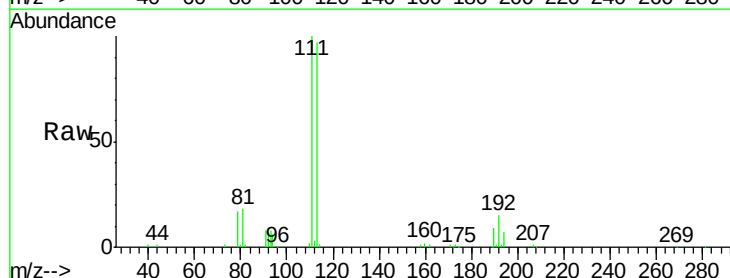
Tgt Ion:113 Resp: 75681

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

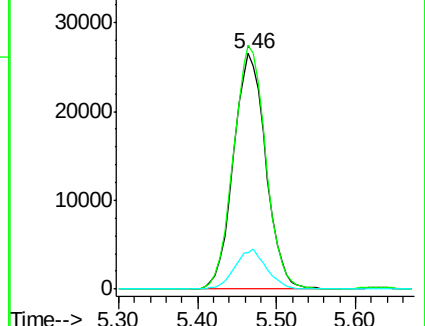
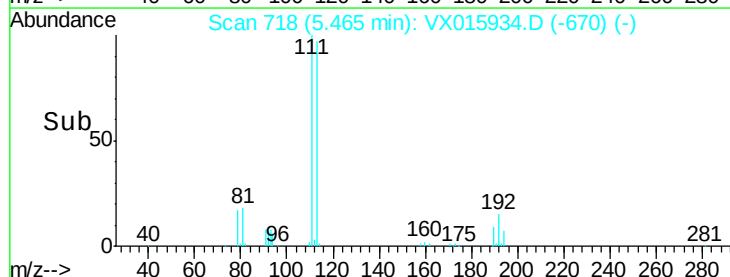
192 16.5 13.6 20.4

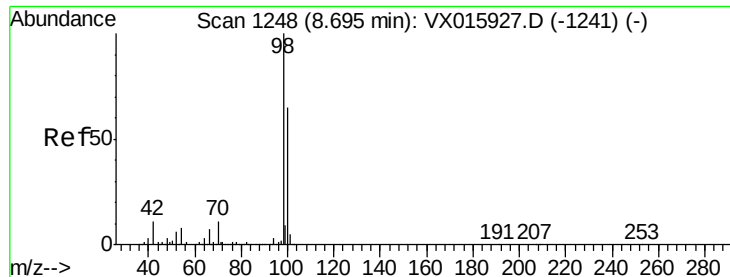


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.381 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015934.D

Acq: 24 Apr 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

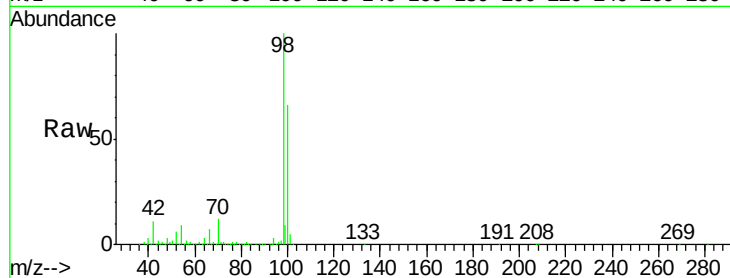
VX0424WBL01

Tot Ion: 98 Resp: 320324

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

250000

200000

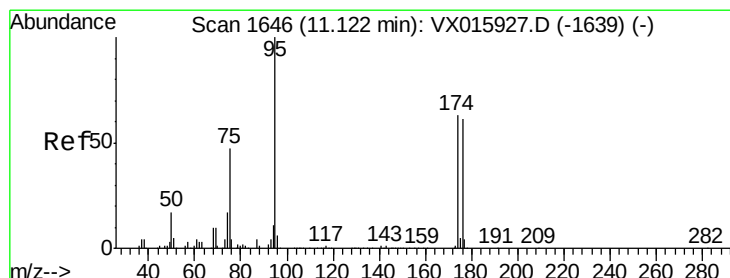
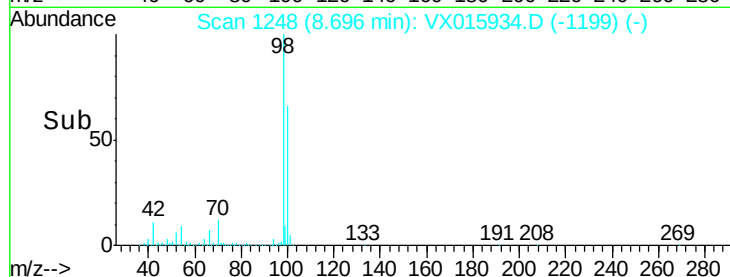
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.000 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015934.D

Acq: 24 Apr 2020 16:36

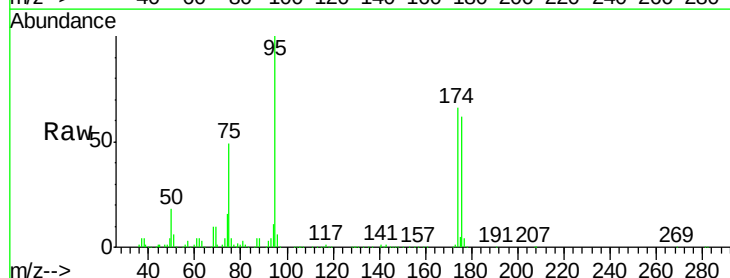
Tgt Ion: 95 Resp: 126624

Ion Ratio Lower Upper

95 100

174 65.8 0.0 133.6

176 63.7 0.0 126.0



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

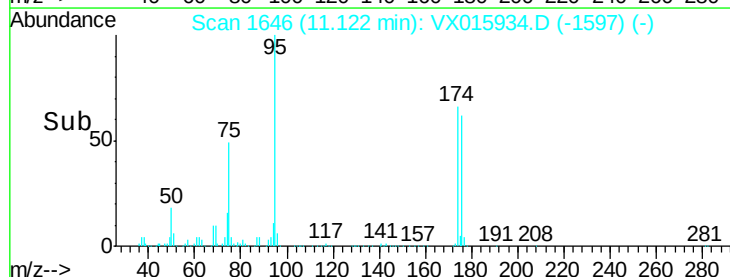
11.12

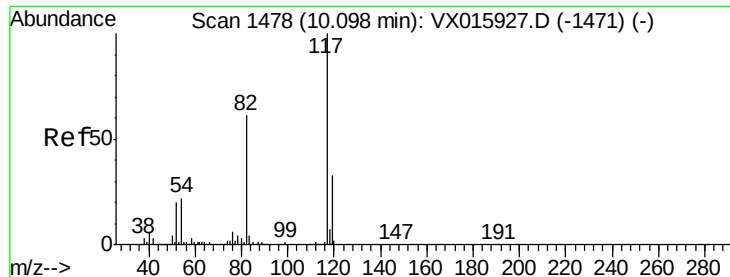
100000

50000

0

Time-->

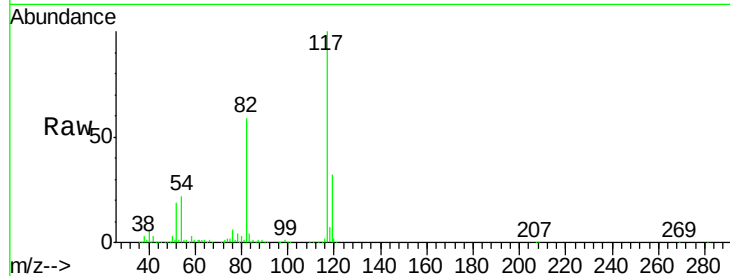




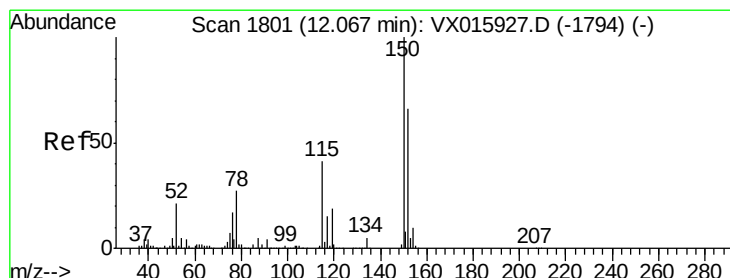
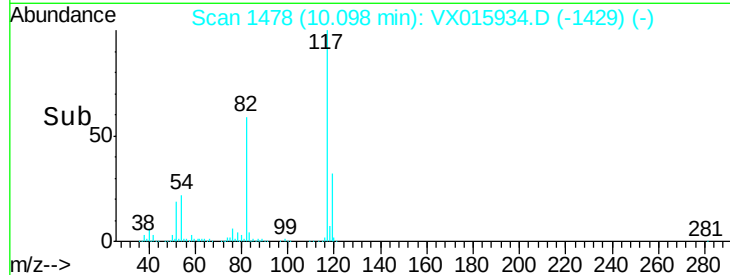
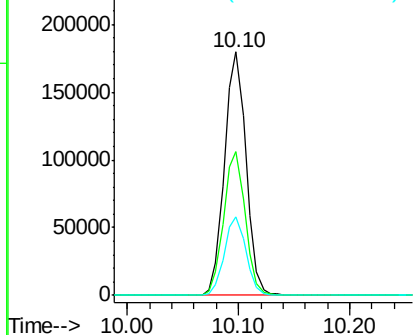
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015934.D
Acq: 24 Apr 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

Tot Ion:117 Resp: 242256
Ion Ratio Lower Upper
117 100
82 59.2 48.5 72.7
119 32.3 26.2 39.4

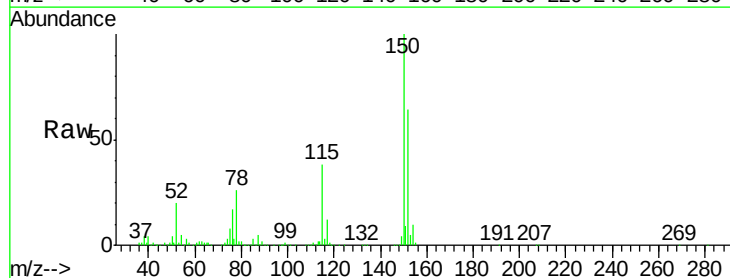


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VX015934.D
Acq: 24 Apr 2020 16:36

Tgt Ion:152 Resp: 111279
Ion Ratio Lower Upper
152 100
115 63.9 44.1 132.4
150 156.0 0.0 343.6



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

