

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012866.D
 Acq On : 08 Oct 2019 03:16
 Operator : JC/SP
 Sample : K5216-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0562

Quant Time: Oct 08 13:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107456	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121485	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	5.48	113	93084	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	8.71	98	368868	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	128300	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

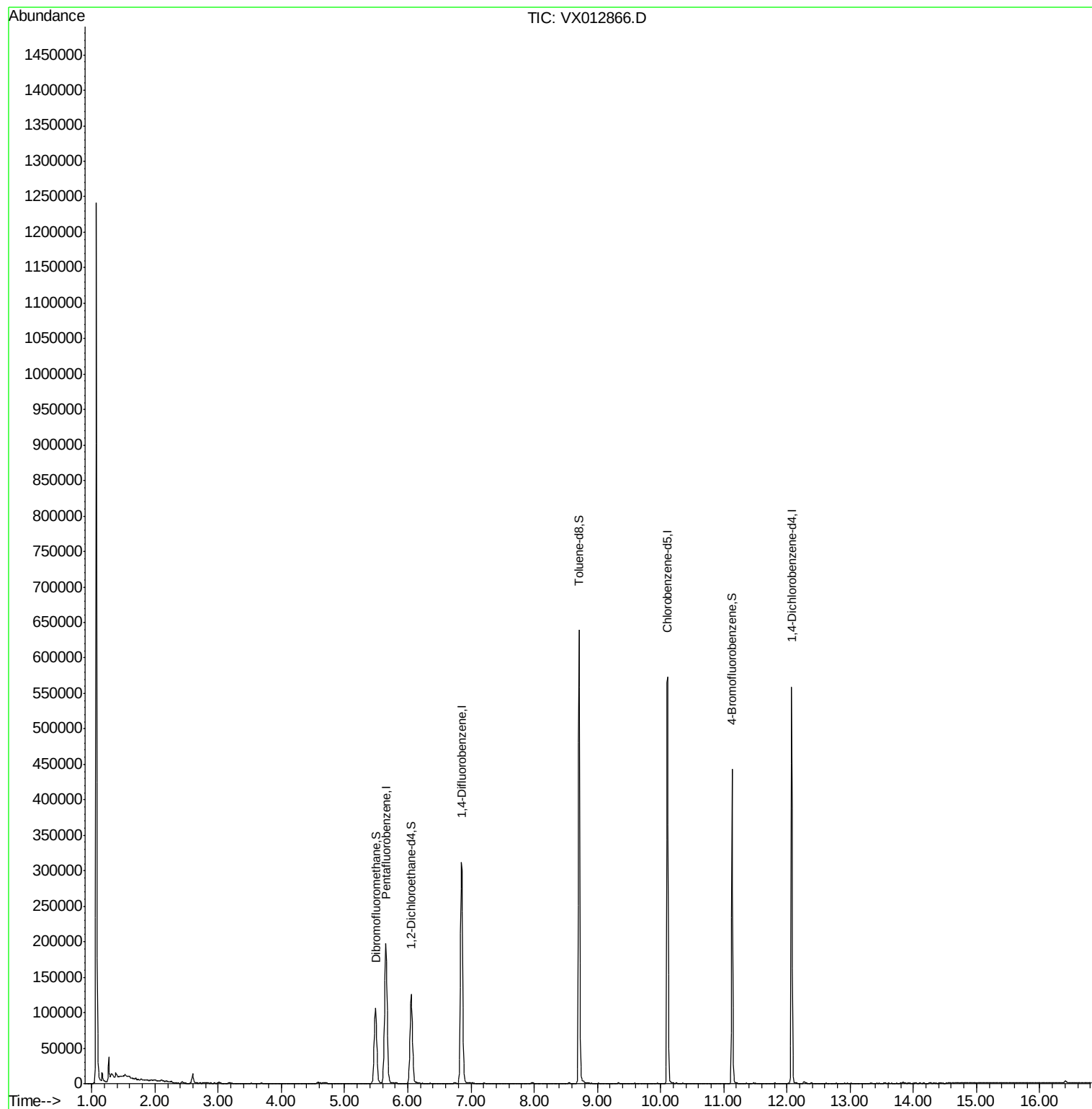
Target Compounds	Qvalue

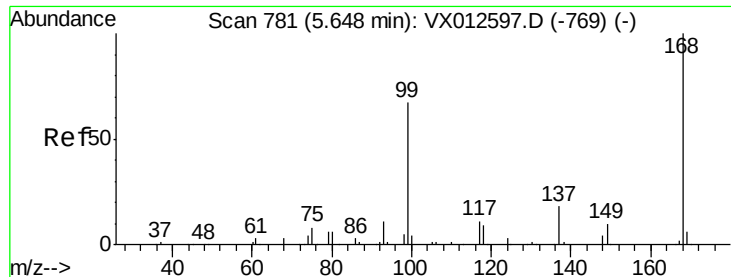
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012866.D

Acq: 08 Oct 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

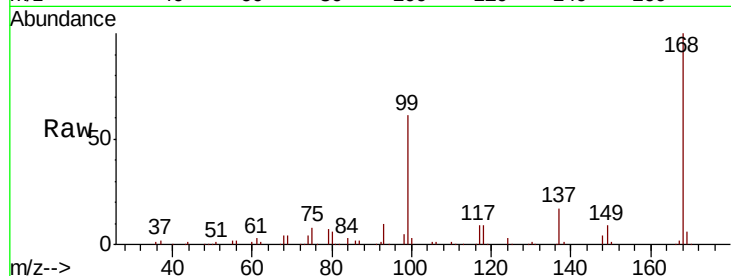
S49-0562

Tot Ion:168 Resp: 181960

Ion Ratio Lower Upper

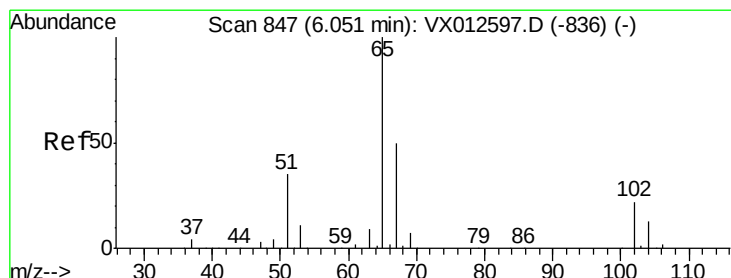
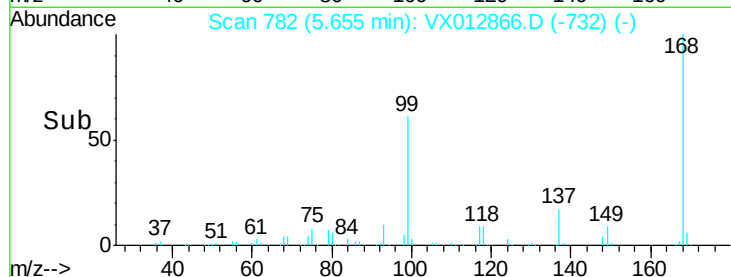
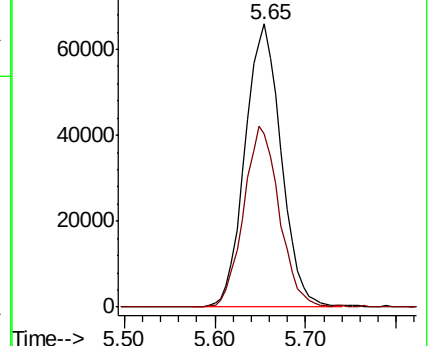
168 100

99 61.1 51.4 77.2



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: 45.849 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012866.D

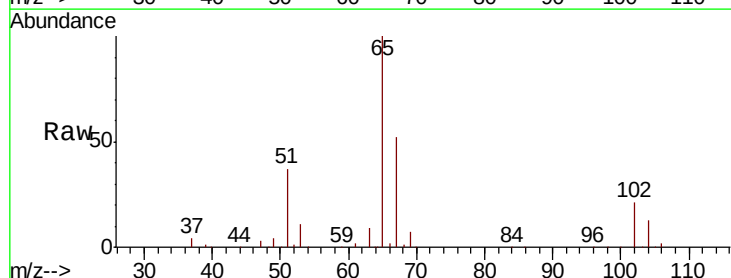
Acq: 08 Oct 2019 03:16

Tgt Ion: 65 Resp: 121485

Ion Ratio Lower Upper

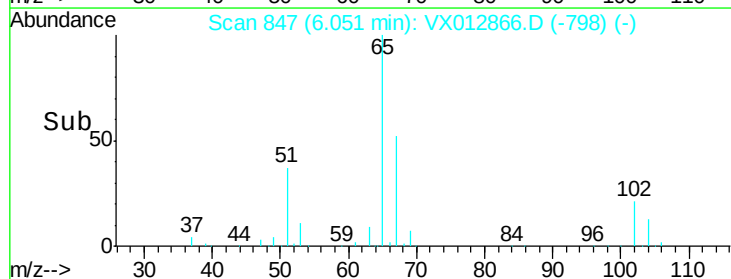
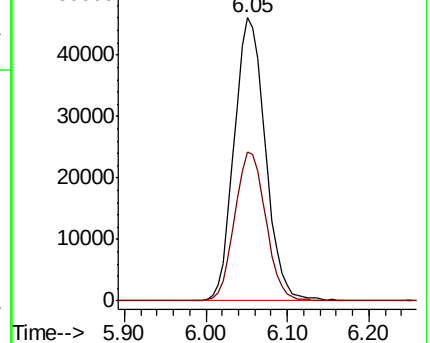
65 100

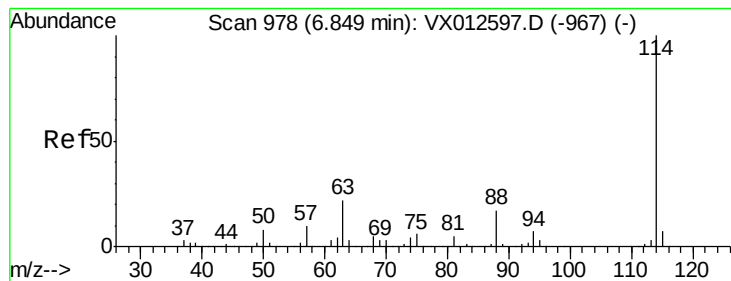
67 52.5 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012866.D

Acq: 08 Oct 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0562

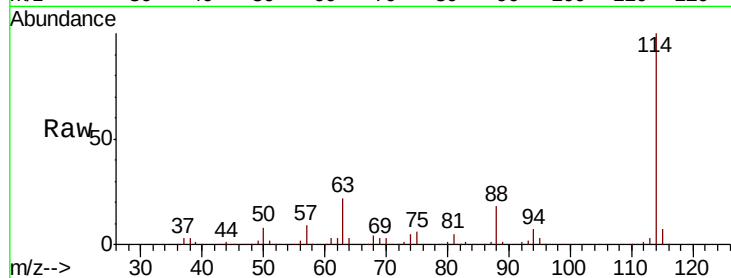
Tot Ion:114 Resp: 309895

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 17.8 0.0 33.2

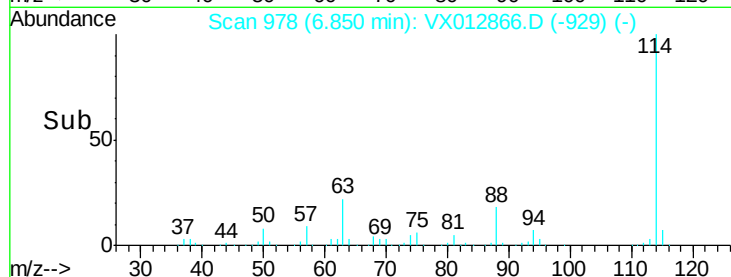


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

Time-->



6.85

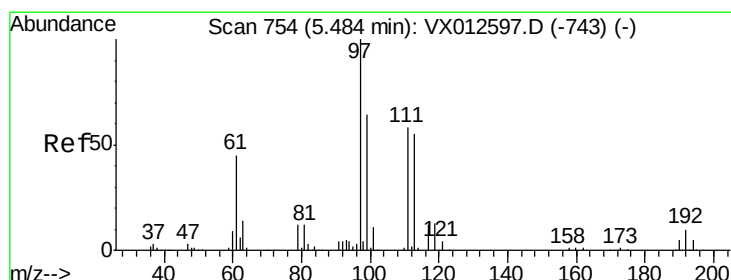
150000

100000

50000

0

6.80 6.90



#35

Dibromofluoromethane

Concen: 50.437 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012866.D

Acq: 08 Oct 2019 03:16

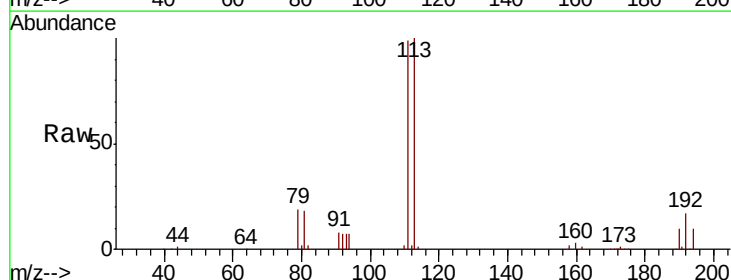
Tgt Ion:113 Resp: 93084

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 18.4 14.4 21.6

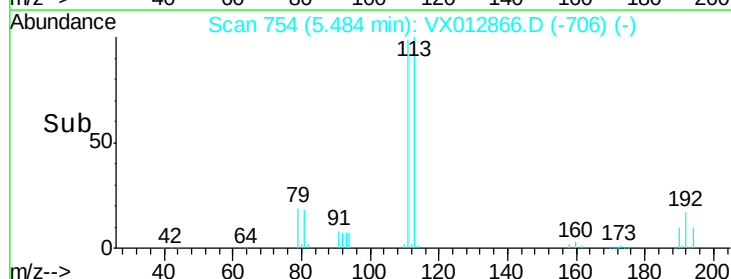


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



5.48

40000

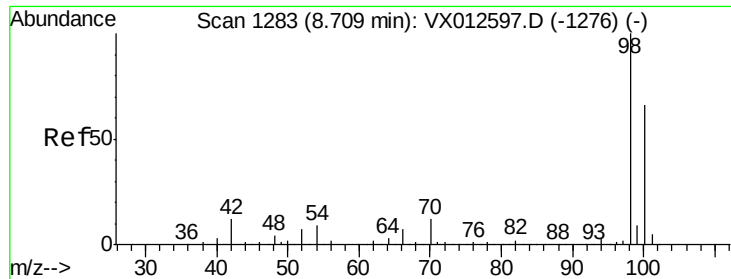
30000

20000

10000

0

5.40 5.50 5.60



#50

Toluene-d8

Concen: 51.899 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012866.D

Acq: 08 Oct 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

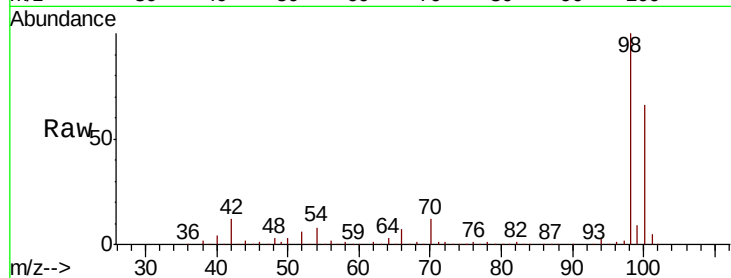
S49-0562

Tot Ion: 98 Resp: 368868

Ion Ratio Lower Upper

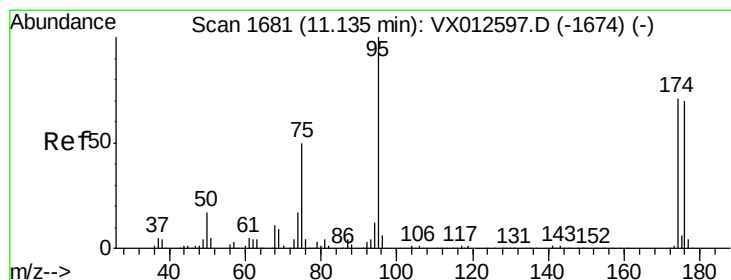
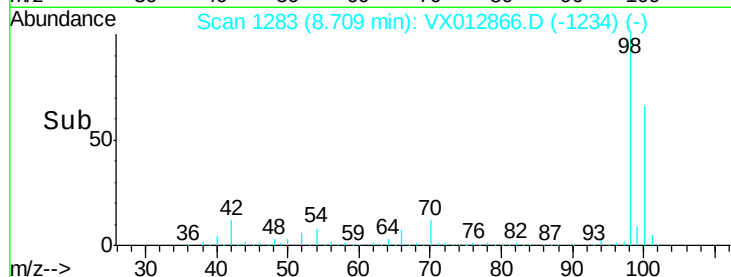
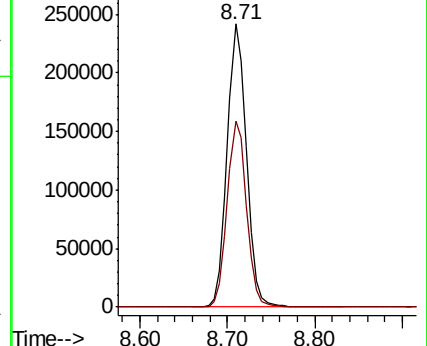
98 100

100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.909 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012866.D

Acq: 08 Oct 2019 03:16

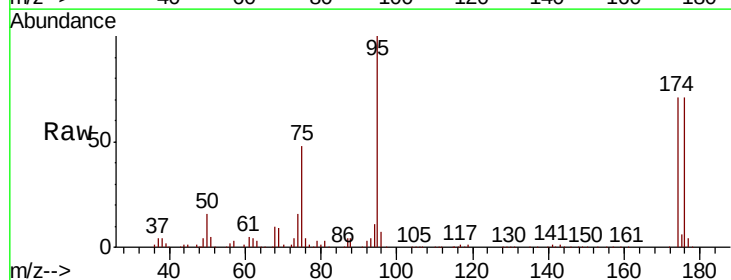
Tgt Ion: 95 Resp: 128300

Ion Ratio Lower Upper

95 100

174 70.2 0.0 140.0

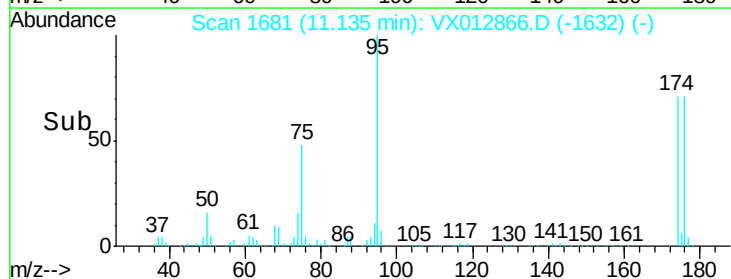
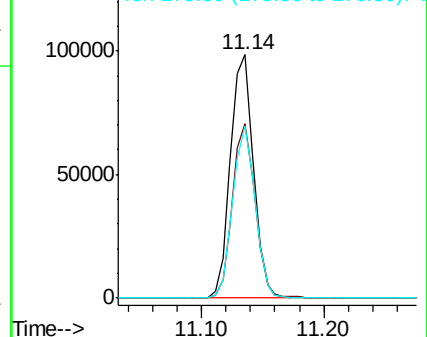
176 68.8 0.0 135.4

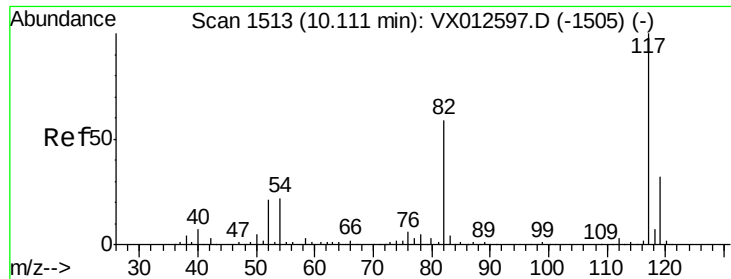


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

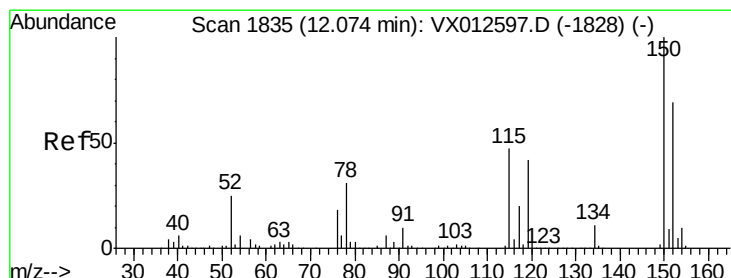
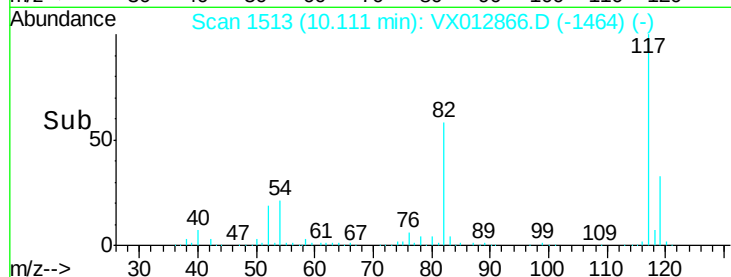
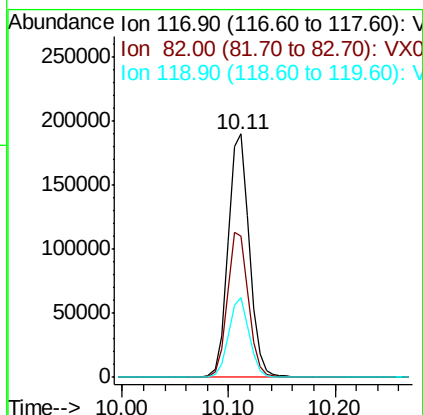
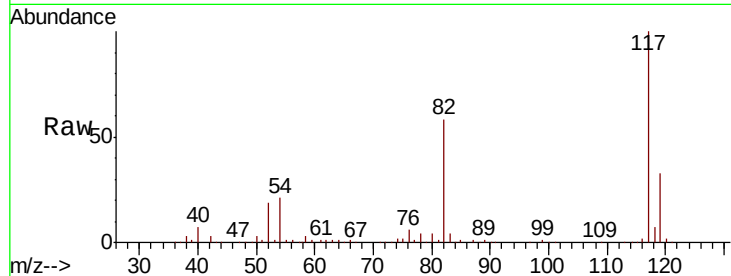




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012866.D
Acq: 08 Oct 2019 03:16

Instrument :
MSVOA_X
ClientSampled :
S49-0562

Tot Ion:117 Resp: 265704
Ion Ratio Lower Upper
117 100
82 58.1 45.9 68.9
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012866.D
Acq: 08 Oct 2019 03:16

Tgt Ion:152 Resp: 107456
Ion Ratio Lower Upper
152 100
115 64.3 44.1 132.3
150 157.8 0.0 343.8

