

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012860.D
 Acq On : 08 Oct 2019 00:56
 Operator : JC/SP
 Sample : K5216-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-8

Quant Time: Oct 08 12:53:04 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	185401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109671	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120836	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.49	113	91848	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	366174	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	129008	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

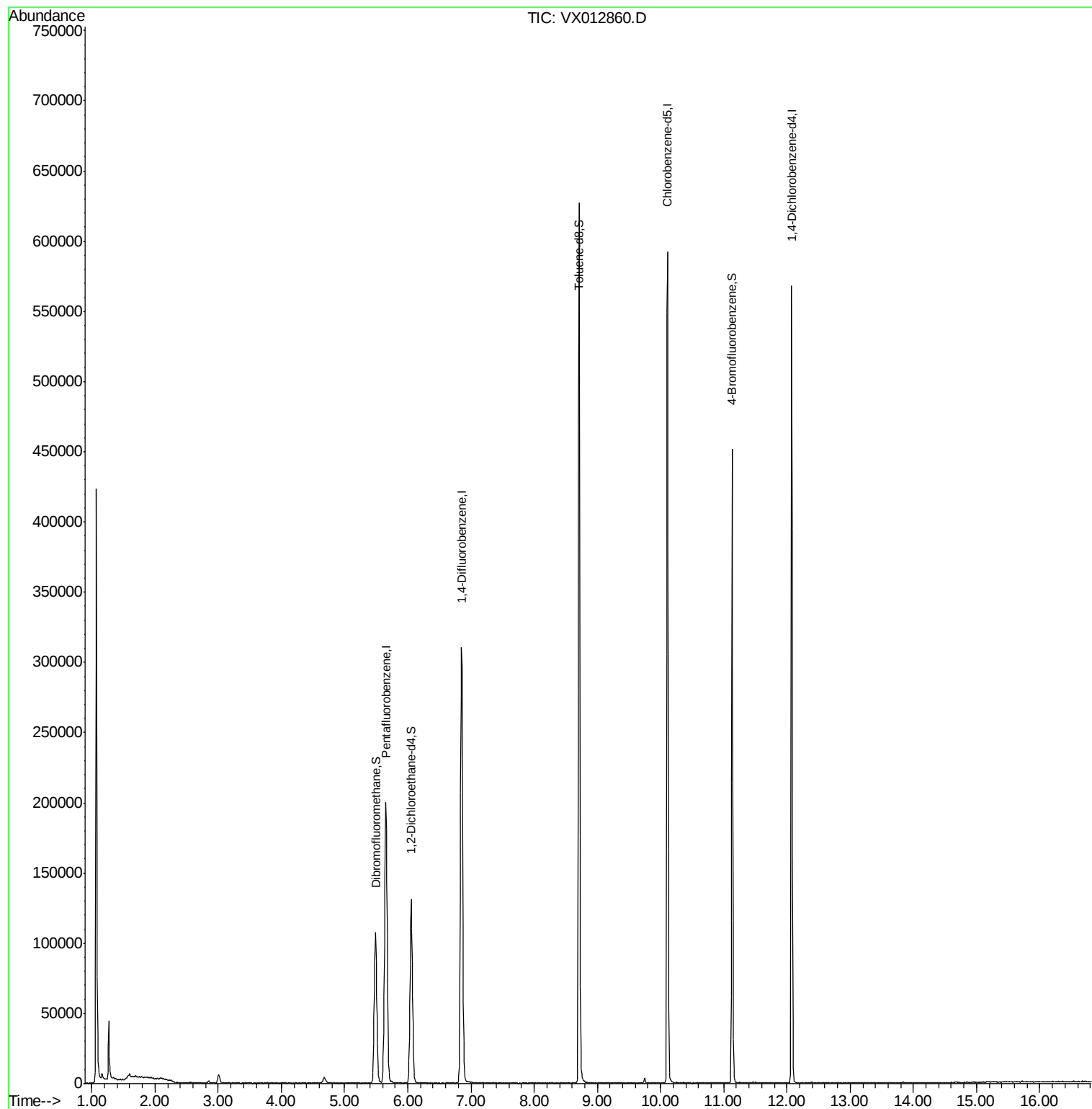
Target Compounds	Qvalue

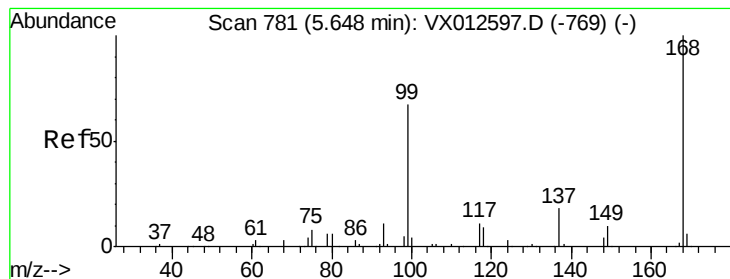
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX012860.D

Acq: 08 Oct 2019 00:56

Instrument :

MSVOA_X

ClientSampleId :

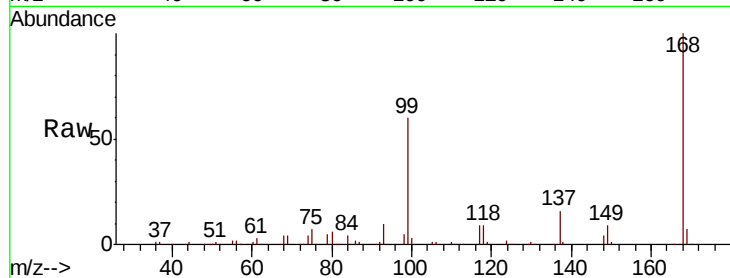
S49-TB-2019-8

Tot Ion:168 Resp: 185401

Ion Ratio Lower Upper

168 100

99 60.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

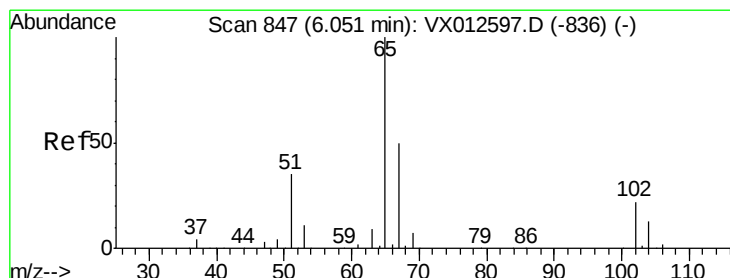
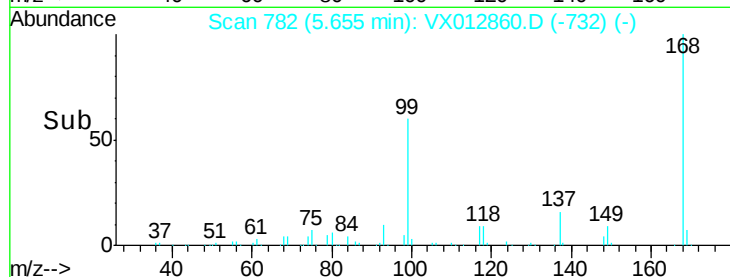
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.757 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012860.D

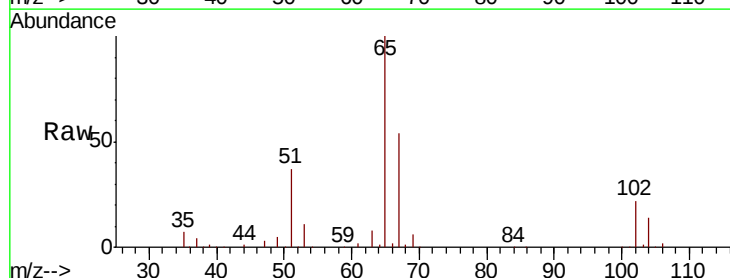
Acq: 08 Oct 2019 00:56

Tgt Ion: 65 Resp: 120836

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

6.05

50000

40000

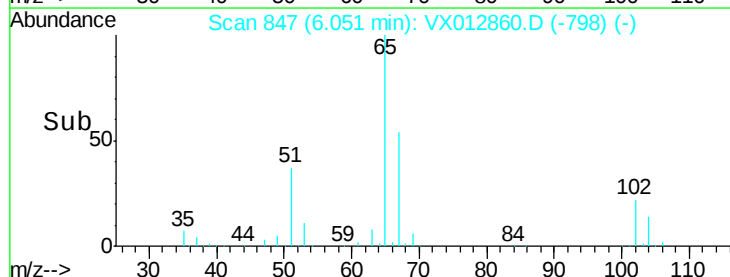
30000

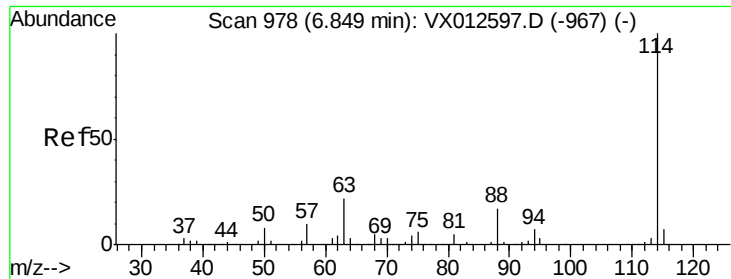
20000

10000

0

Time--> 6.00 6.10

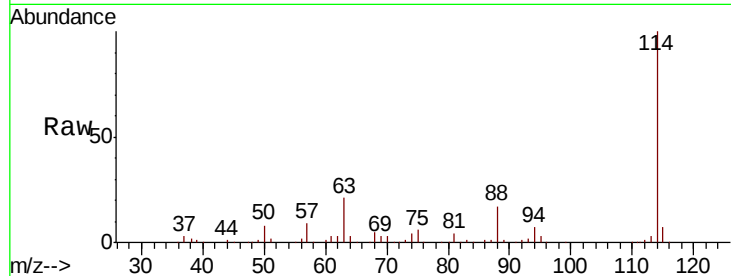




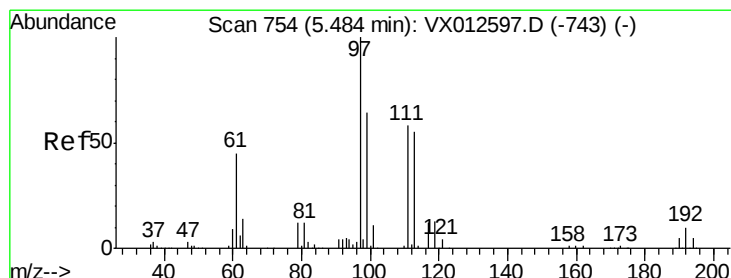
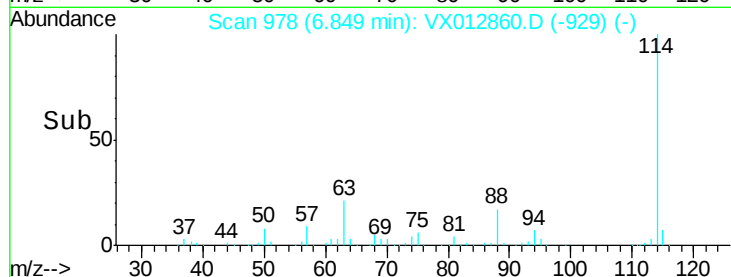
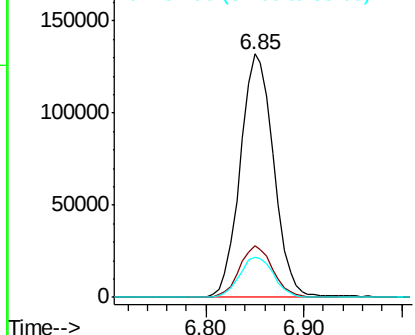
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012860.D
Acq: 08 Oct 2019 00:56

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-8

Tot Ion:114 Resp: 313134
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 16.7 0.0 33.2

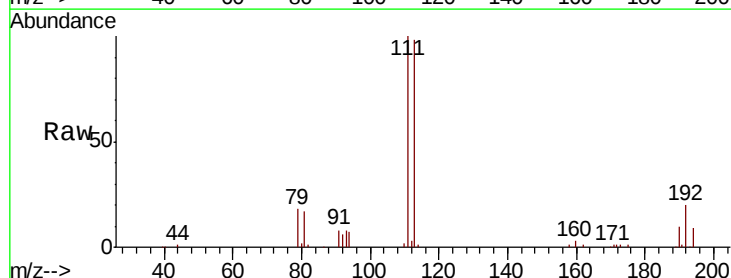


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

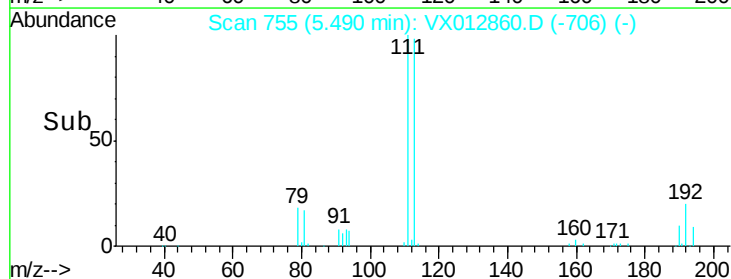
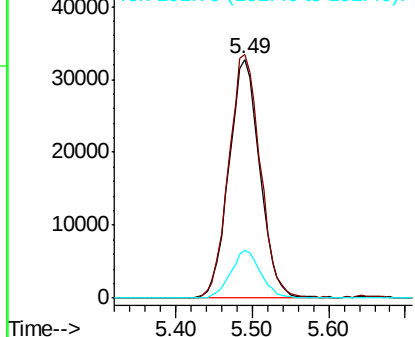


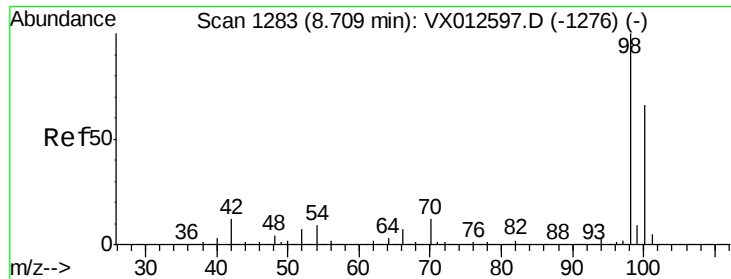
#35
Dibromofluoromethane
Concen: 49.252 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012860.D
Acq: 08 Oct 2019 00:56

Tgt Ion:113 Resp: 91848
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 19.3 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





#50

Toluene-d8

Concen: 50.987 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012860.D

Acq: 08 Oct 2019 00:56

Instrument :

MSVOA_X

ClientSampleId :

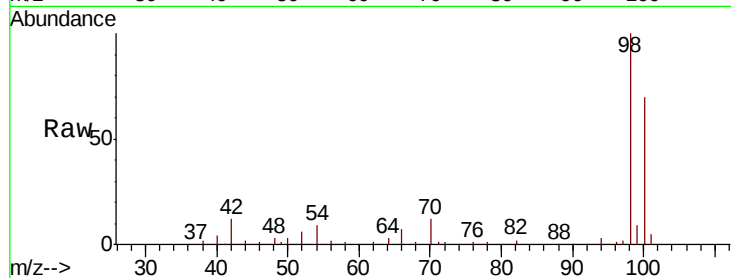
S49-TB-2019-8

Tot Ion: 98 Resp: 366174

Ion Ratio Lower Upper

98 100

100 68.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

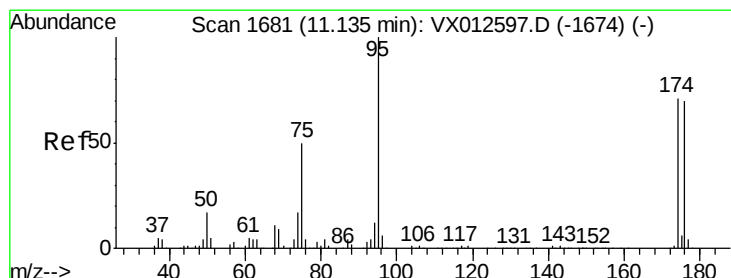
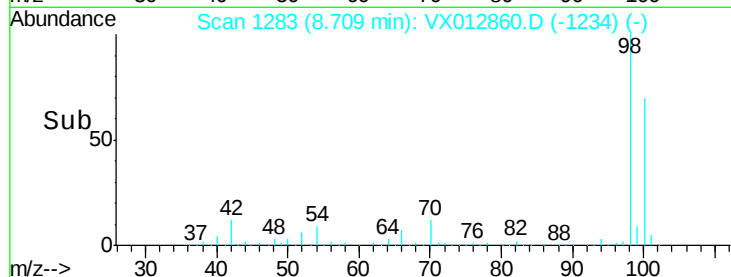
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.685 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012860.D

Acq: 08 Oct 2019 00:56

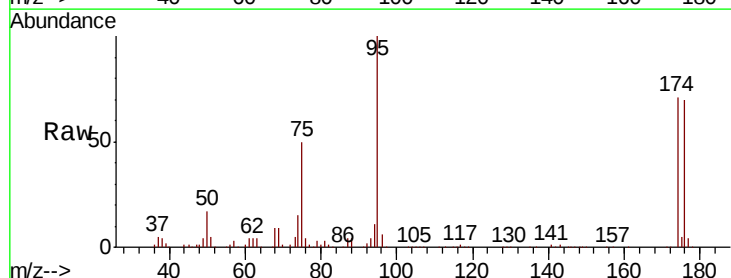
Tgt Ion: 95 Resp: 129008

Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

176 69.5 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

11.14

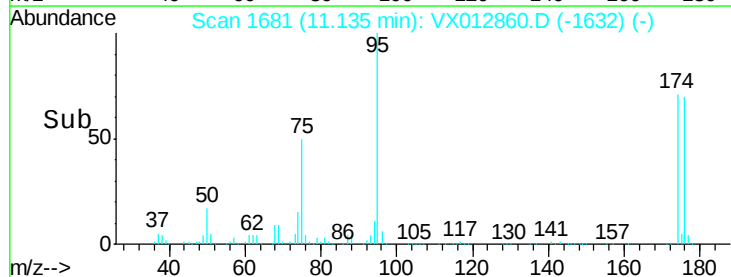
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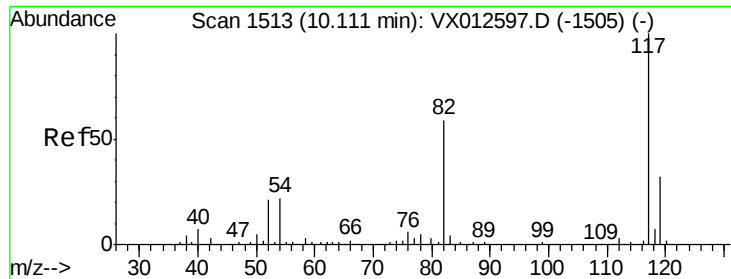
50000

0

Time-->

11.10 11.20

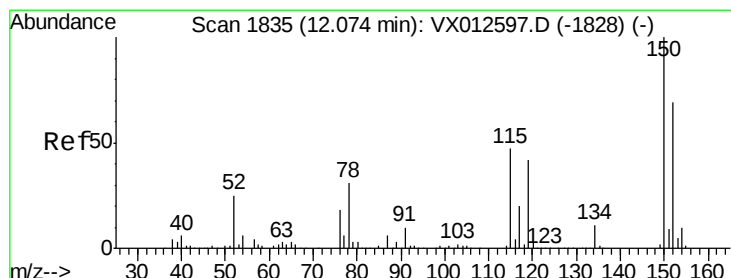
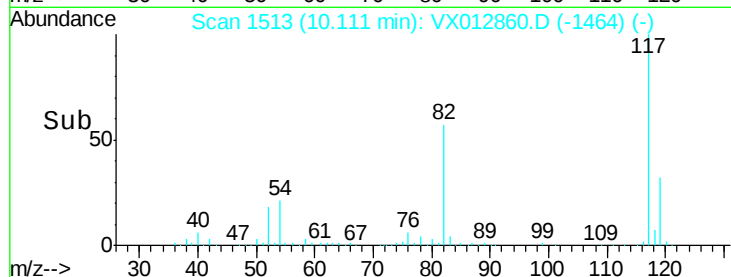
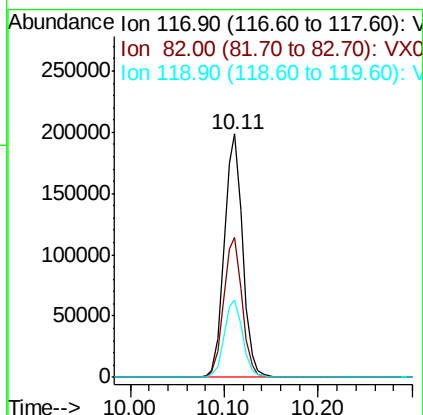
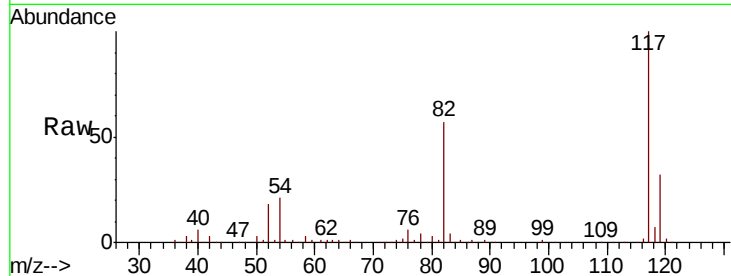




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012860.D
Acq: 08 Oct 2019 00:56

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-8

Tot Ion:117 Resp: 267362
Ion Ratio Lower Upper
117 100
82 57.5 45.9 68.9
119 31.6 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: VX012860.D
Acq: 08 Oct 2019 00:56

Tgt Ion:152 Resp: 109671
Ion Ratio Lower Upper
152 100
115 62.5 44.1 132.3
150 153.9 0.0 343.8

