

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004549.D
 Acq On : 09 Aug 2018 01:02
 Operator : SY/AP
 Sample : J4313-19
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

Quant Time: Aug 09 05:54:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	542329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	931488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	819651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	355107	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
35) Dibromofluoromethane	7.88	113	324323	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.33	98	1007350	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
62) 4-Bromofluorobenzene	12.63	95	286571	33.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.20%	

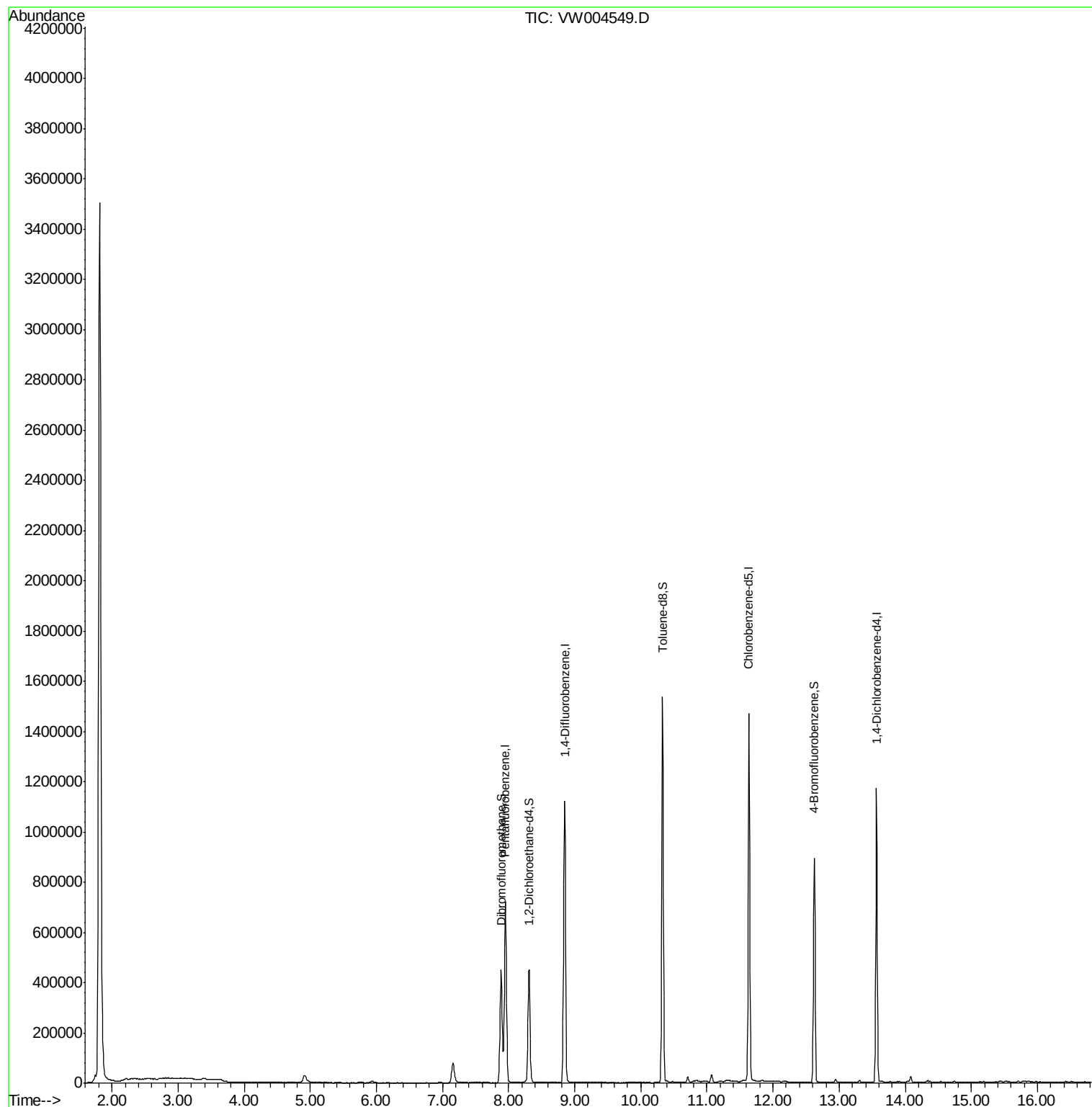
Target Compounds	Qvalue

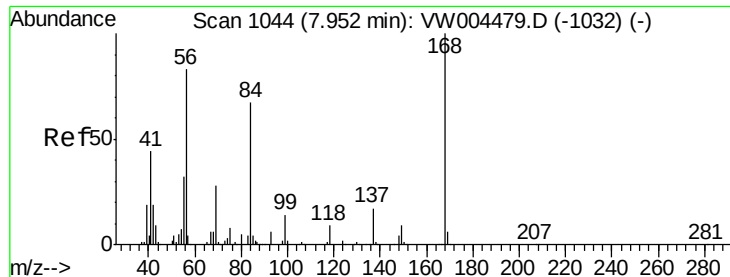
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

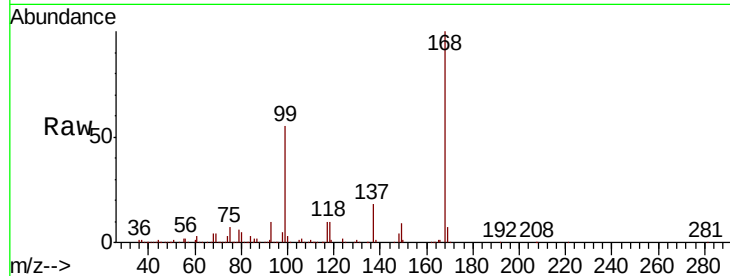
Instrument :
MSVOA_W
ClientSampled :
C-14

Tot Ion:168 Resp: 542329

Ion Ratio Lower Upper

168 100

99 55.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

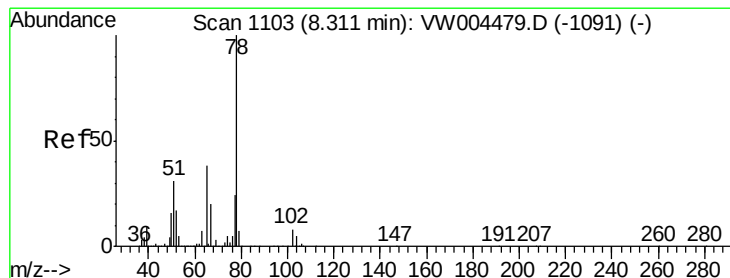
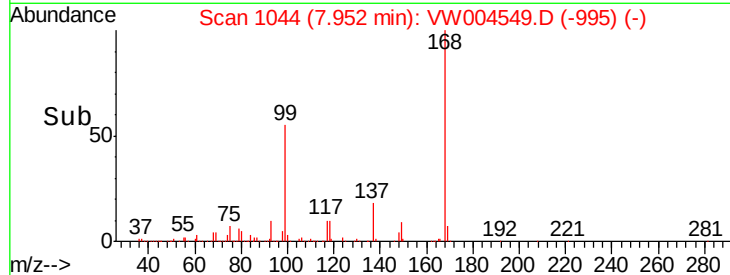
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.15 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004549.D

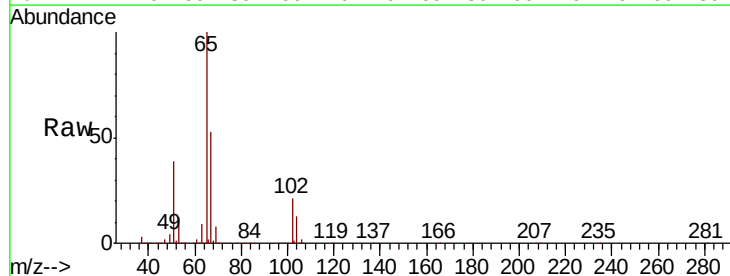
Acq: 09 Aug 2018 01:02

Tgt Ion: 65 Resp: 355107

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

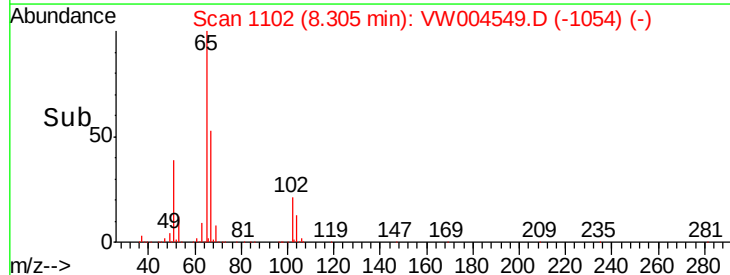
150000

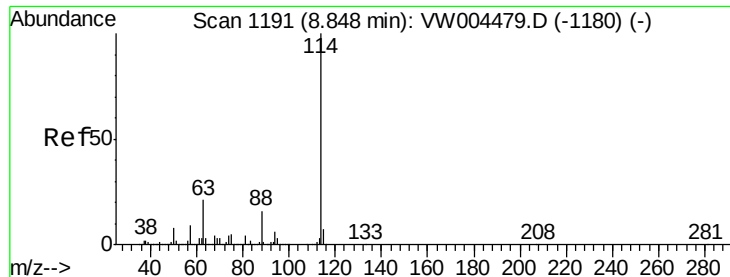
100000

50000

0

Time-->

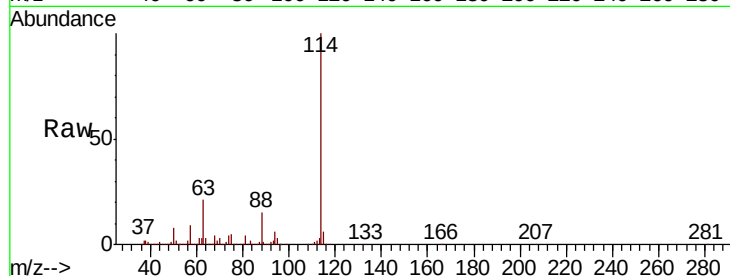




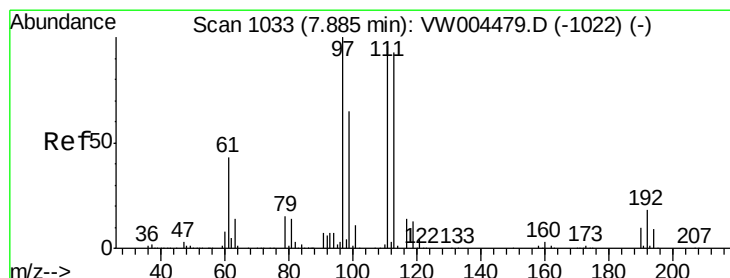
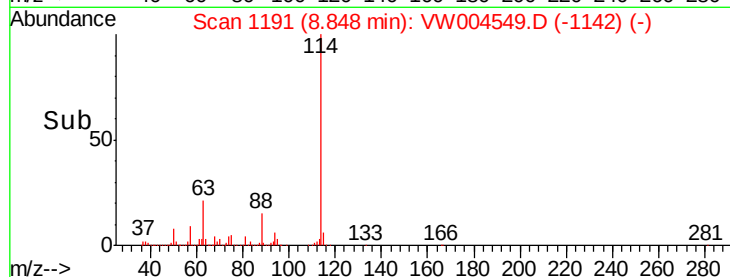
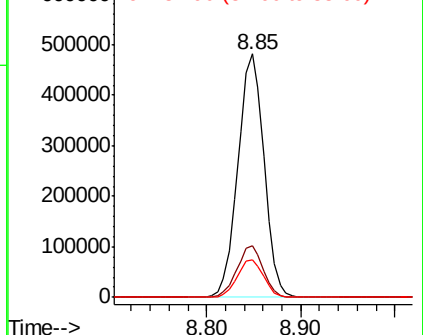
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004549.D
 Acq: 09 Aug 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 C-14

Tot Ion:114 Resp: 931488
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.5 0.0 31.2

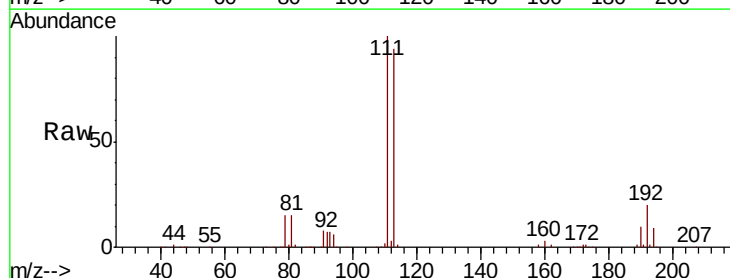


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

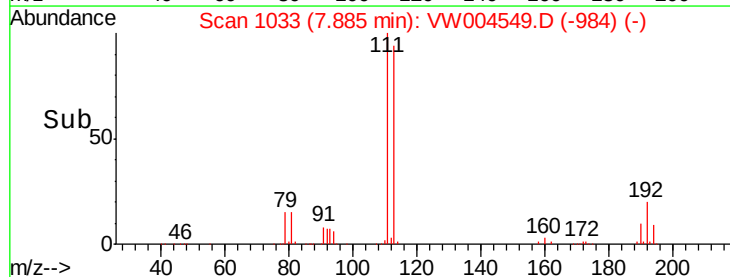
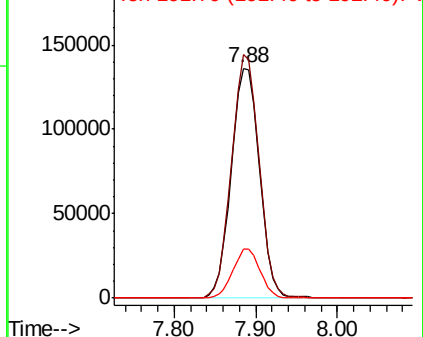


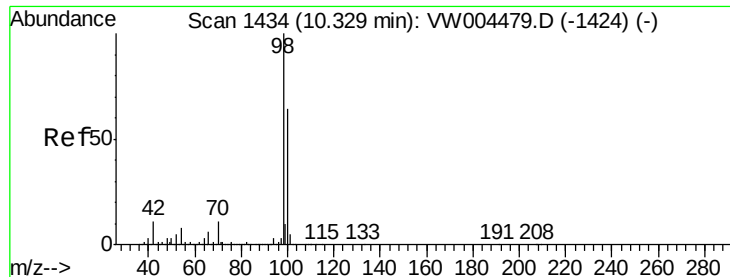
#35
 Dibromofluoromethane
 Concen: 52.22 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004549.D
 Acq: 09 Aug 2018 01:02

Tgt Ion:113 Resp: 324323
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 20.6 15.8 23.6



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: 42.54 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

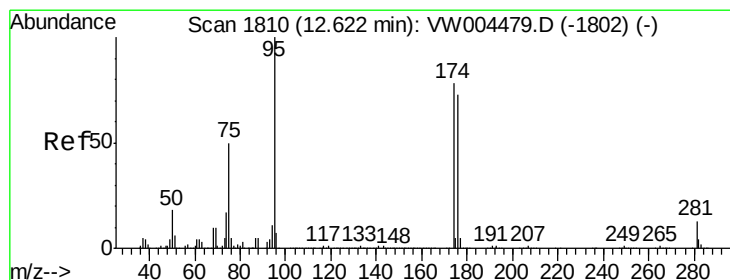
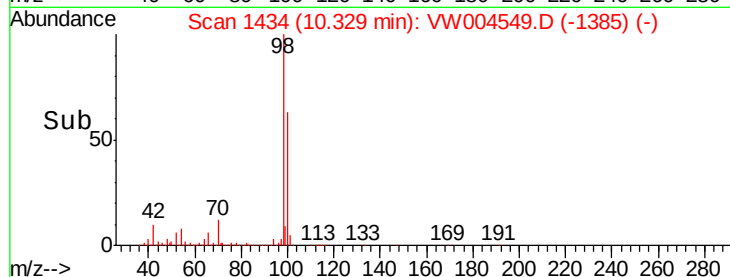
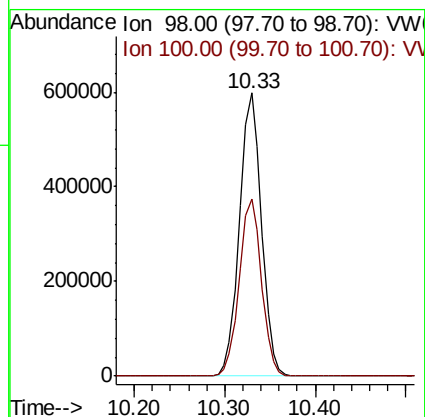
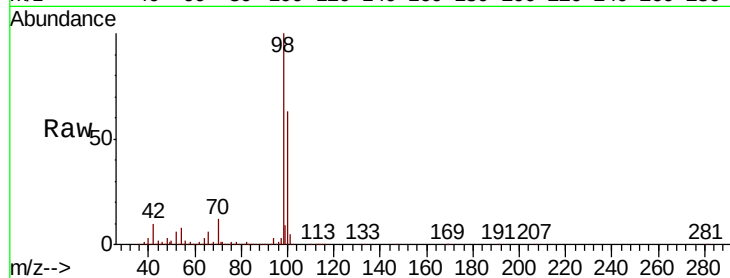
C-14

Tot Ion: 98 Resp: 1007350

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 33.60 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004549.D

Acq: 09 Aug 2018 01:02

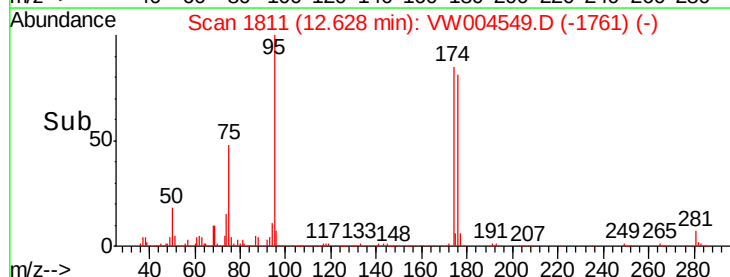
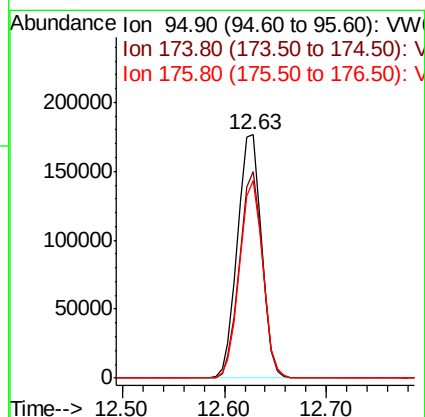
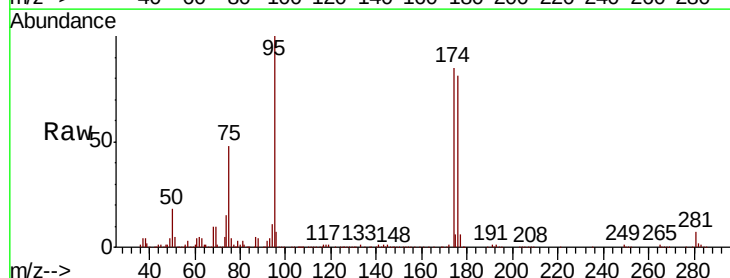
Tgt Ion: 95 Resp: 286571

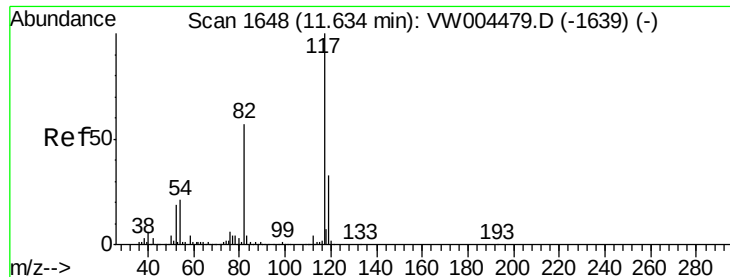
Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.4

176 78.8 0.0 153.2

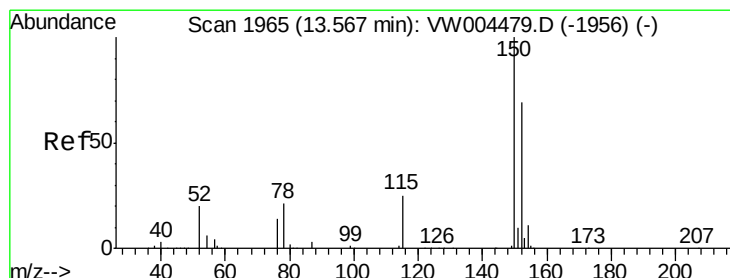
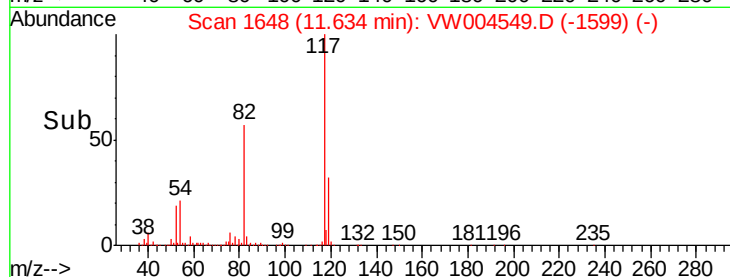
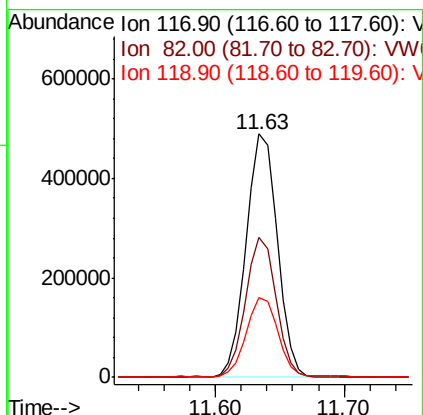
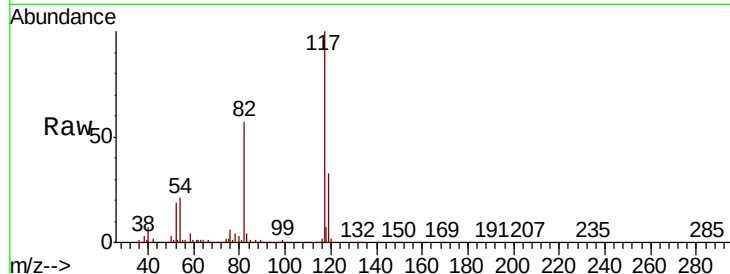




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
C-14

Tot Ion:117 Resp: 819651
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004549.D
Acq: 09 Aug 2018 01:02

Tgt Ion:152 Resp: 313000
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.7 0.0 349.6

