

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059776.D
 Acq On : 14 Aug 2018 19:39
 Operator : VA/AP
 Sample : J4447-26
 Misc : 4.82g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-9

Quant Time: Aug 15 11:28:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	4070	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.69	114	6300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	5758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	3375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	3864	60.65	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	121.30%	
35) Dibromofluoromethane	5.54	113	1919	29.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.16%	
50) Toluene-d8	8.70	98	6086	47.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.93	95	2509	38.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.76%	

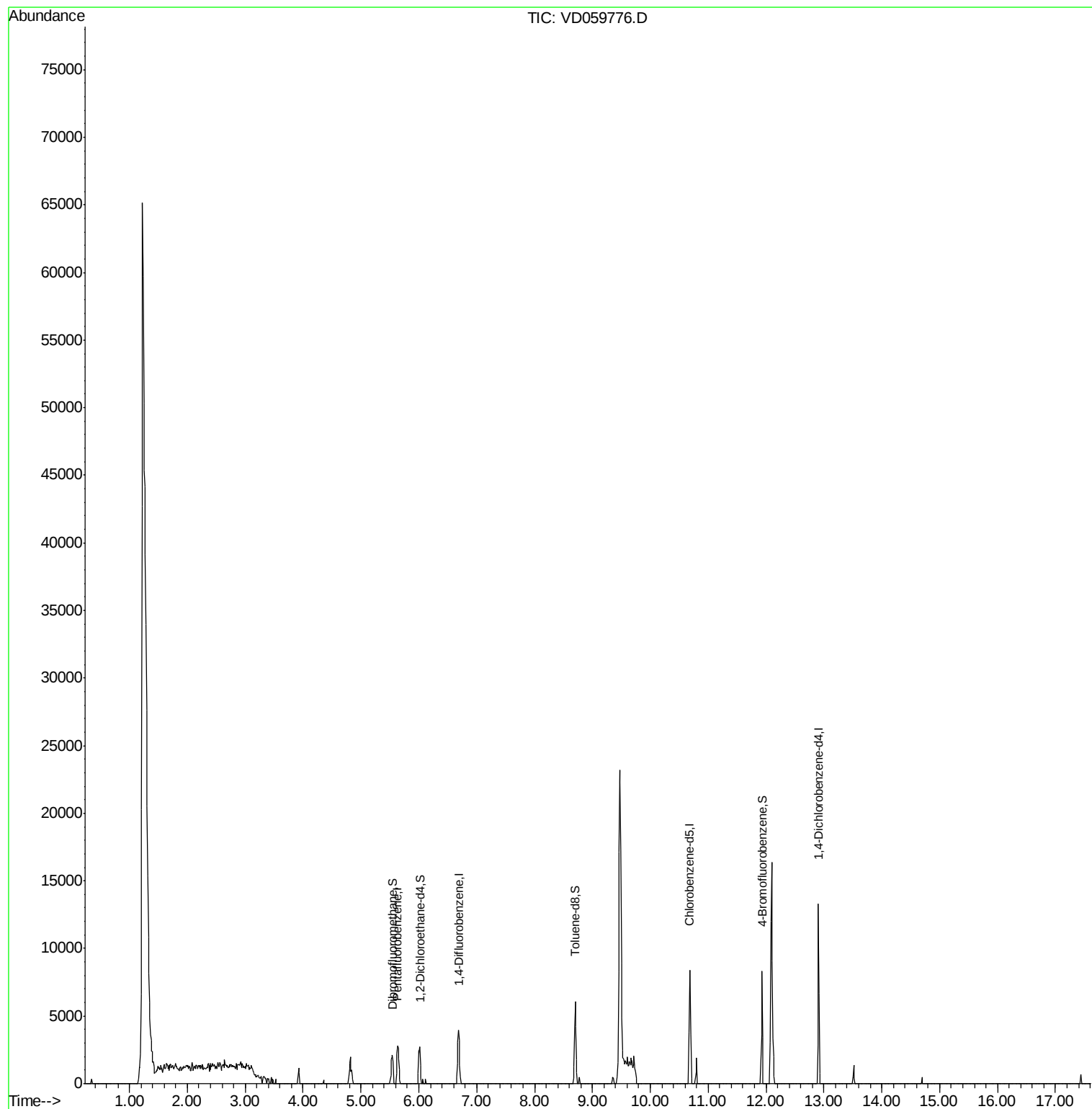
Target Compounds	Qvalue

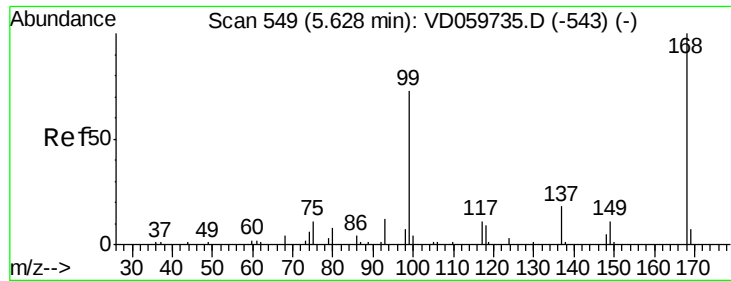
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD059776.D

Acq: 14 Aug 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

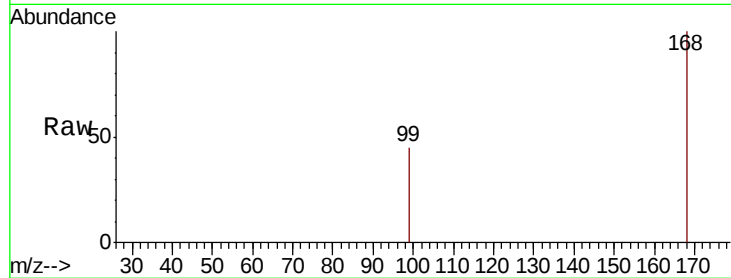
SP-1-9

Tot Ion:168 Resp: 4070

Ion Ratio Lower Upper

168 100

99 45.3 61.4 92.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

1500

1000

500

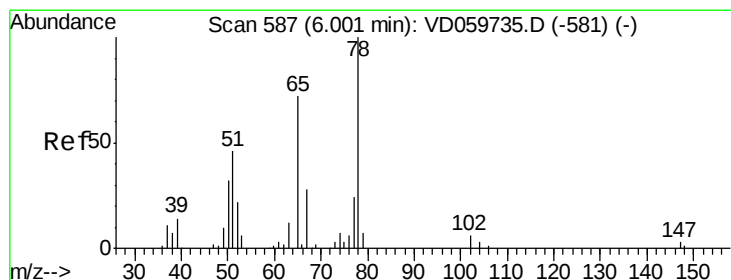
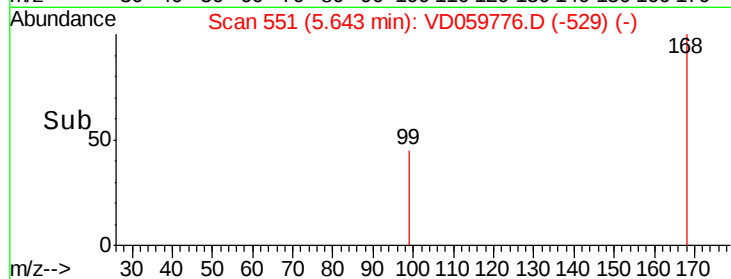
0

5.55

5.60

5.65

5.70



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD059776.D

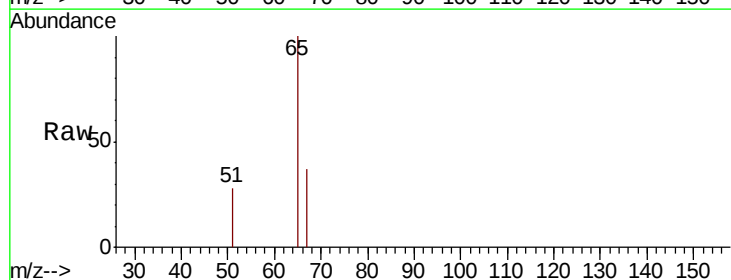
Acq: 14 Aug 2018 19:39

Tgt Ion: 65 Resp: 3864

Ion Ratio Lower Upper

65 100

67 36.9 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

1500

1000

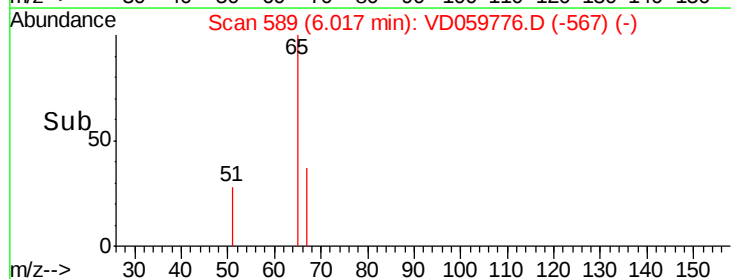
500

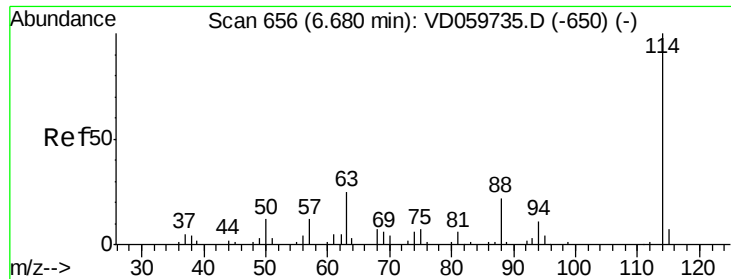
0

5.95

6.00

6.05

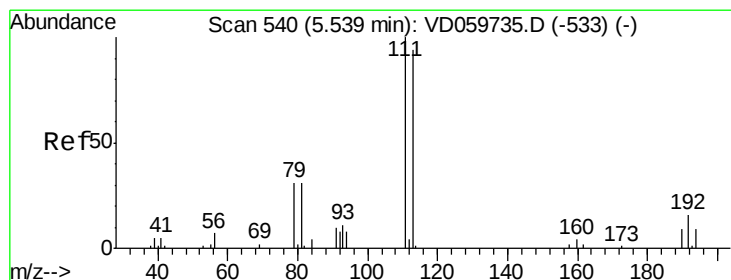
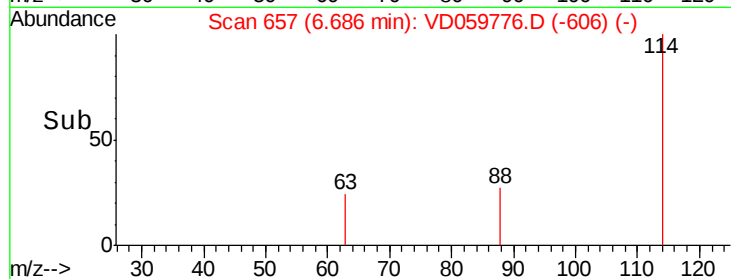
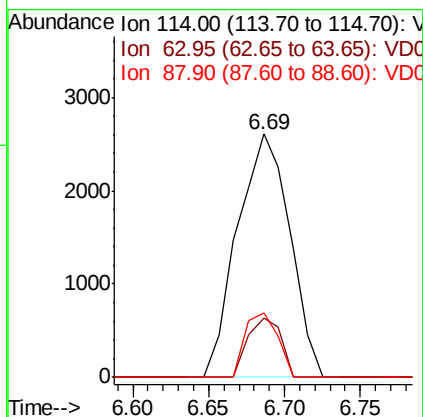
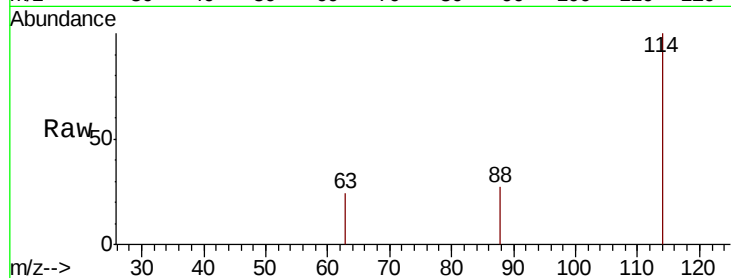




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059776.D
 Acq: 14 Aug 2018 19:39

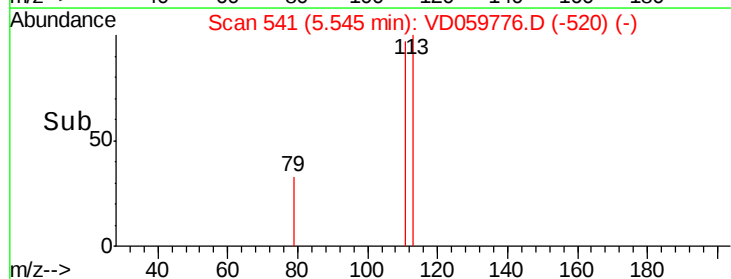
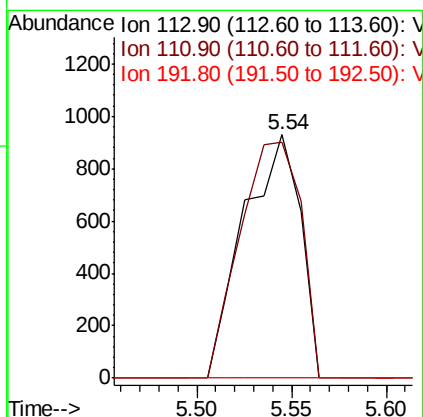
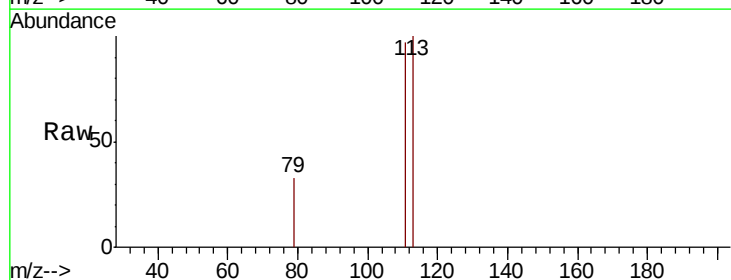
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-9

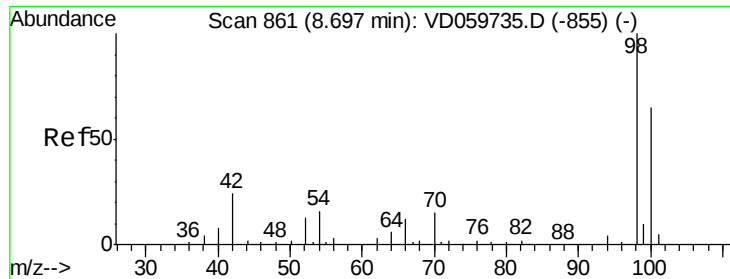
Tot Ion:114 Resp: 6300
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.6
 88 26.5 0.0 43.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059776.D
 Acq: 14 Aug 2018 19:39

Tgt Ion:113 Resp: 1919
 Ion Ratio Lower Upper
 113 100
 111 97.0 85.3 127.9
 192 0.0 13.9 20.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059776.D

Acq: 14 Aug 2018 19:39

Instrument :

MSVOA_D

ClientSampleId :

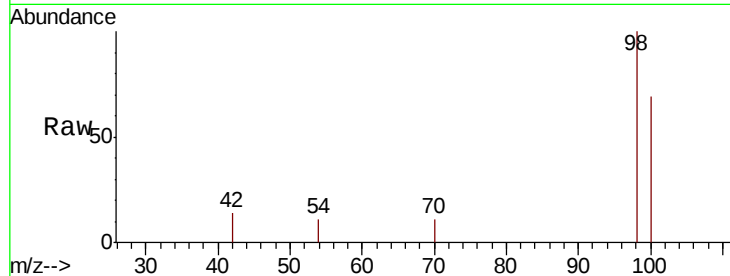
SP-1-9

Tot Ion: 98 Resp: 6086

Ion Ratio Lower Upper

98 100

100 69.2 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VD059735.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059735.D (-855) (-)

8.70

3000

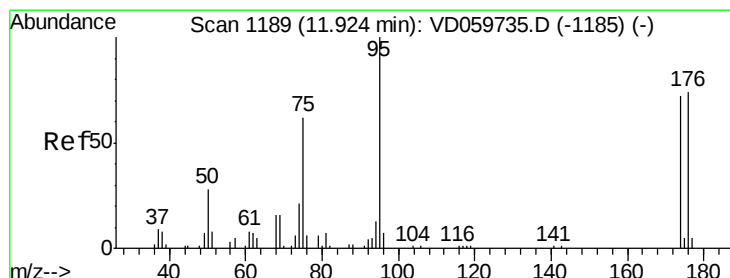
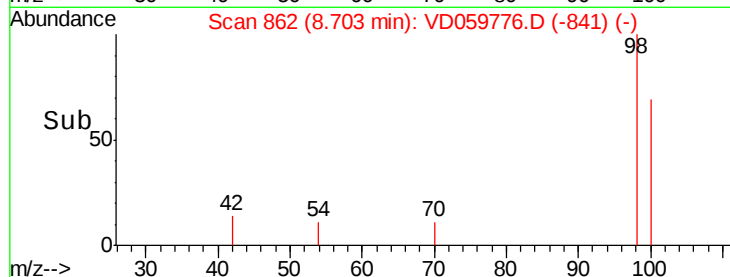
2000

1000

0

8.65 8.70 8.75

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059776.D

Acq: 14 Aug 2018 19:39

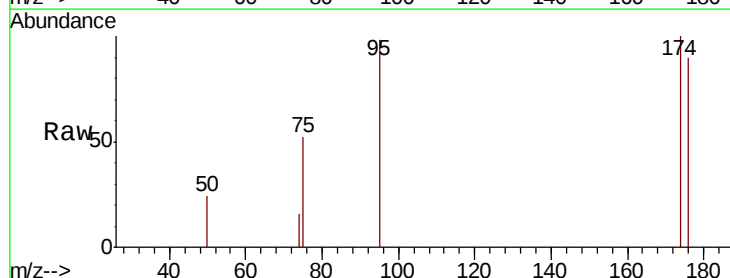
Tgt Ion: 95 Resp: 2509

Ion Ratio Lower Upper

95 100

174 101.7 0.0 143.2

176 91.8 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VD059735.D (-1185) (-)

Ion 173.90 (173.60 to 174.60): VD059735.D (-1185) (-)

Ion 175.90 (175.60 to 176.60): VD059735.D (-1185) (-)

3000

2500

2000

1500

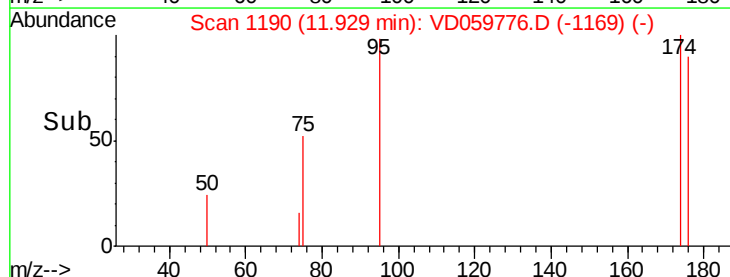
1000

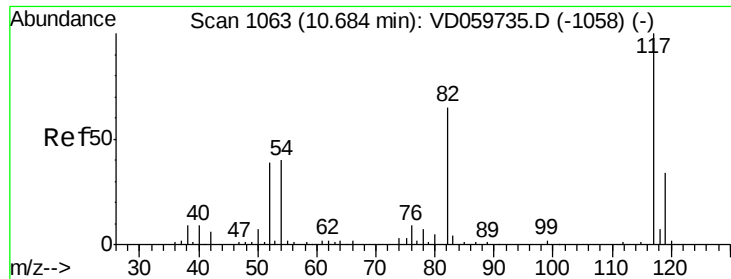
500

0

11.90 11.93 11.95

Time-->

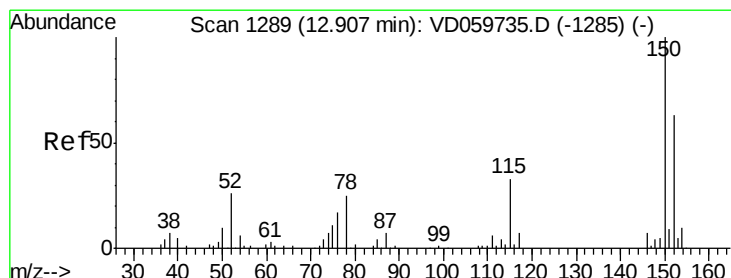
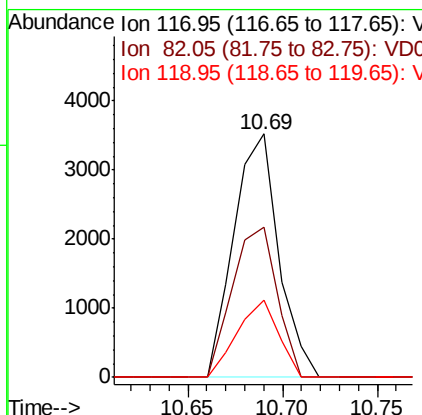
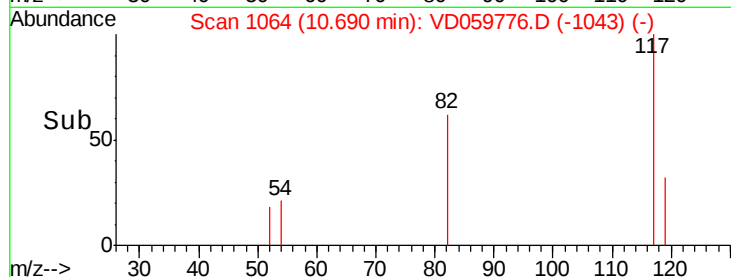
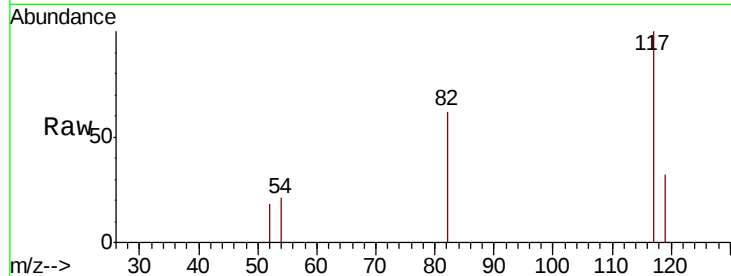




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059776.D
Acq: 14 Aug 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
SP-1-9

Tot Ion:117 Resp: 5758
Ion Ratio Lower Upper
117 100
82 61.6 51.9 77.9
119 31.8 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059776.D
Acq: 14 Aug 2018 19:39

Tgt Ion:152 Resp: 3375
Ion Ratio Lower Upper
152 100
115 52.4 29.8 89.3
150 142.7 0.0 320.4

