

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082918\
 Data File : VN050939.D
 Acq On : 29 Aug 2018 10:21
 Operator : MD\SY
 Sample : J4608-02
 Misc : 9.91g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFFWOOD-EMBANKMENT-FILL

Quant Time: Aug 29 15:27:20 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	561287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	873154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353770	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	7.59	113	335740	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1226930	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	12.40	95	366641	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

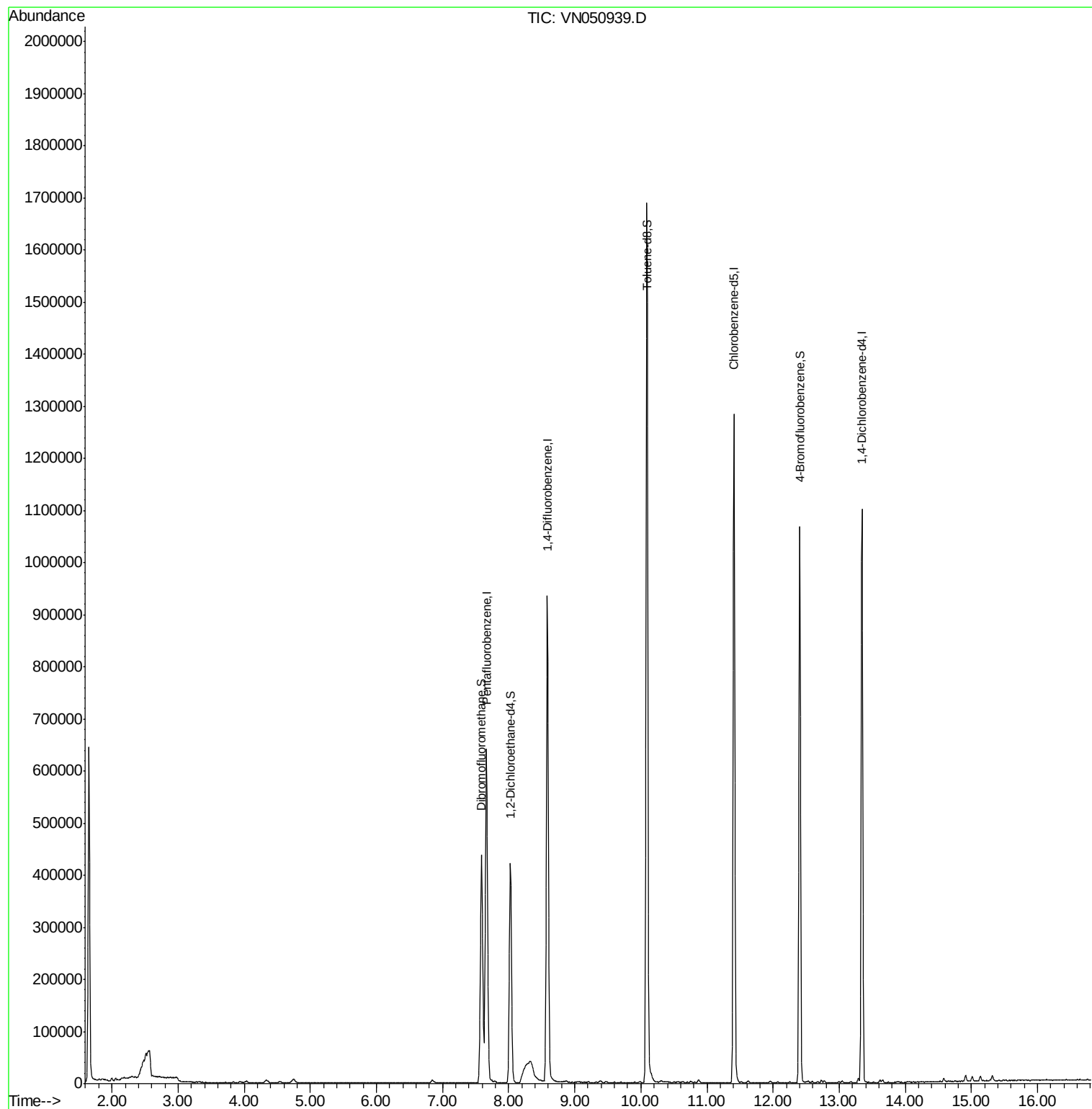
Target Compounds	Qvalue

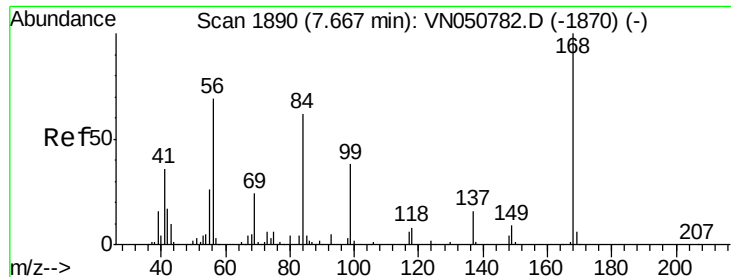
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050939.D

Acq: 29 Aug 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

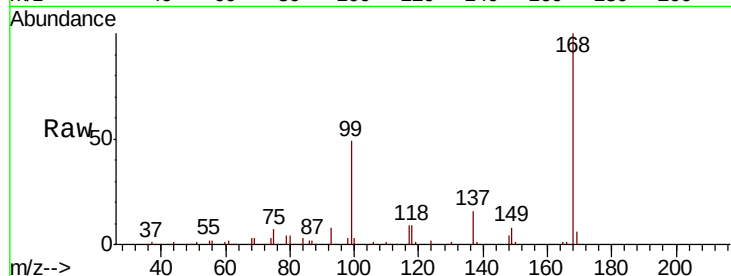
CLIFFWOOD-EMBANKMENT-FILL

Tot Ion:168 Resp: 561287

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

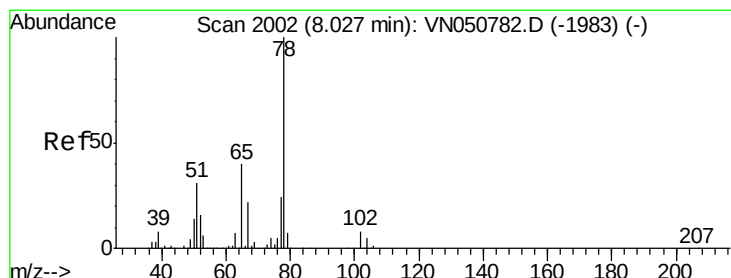
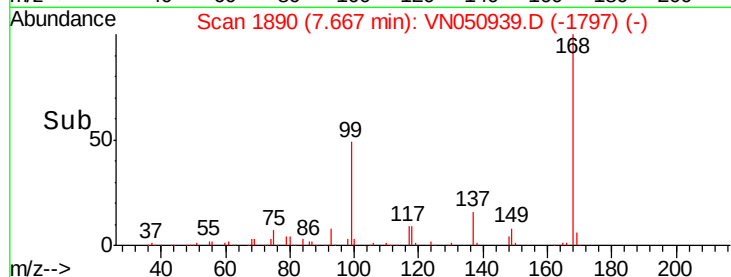
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 52.355 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050939.D

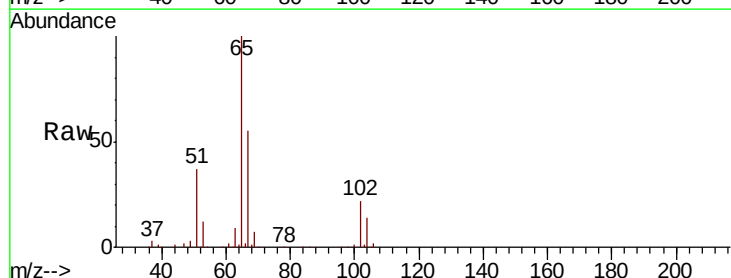
Acq: 29 Aug 2018 10:21

Tgt Ion: 65 Resp: 353770

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

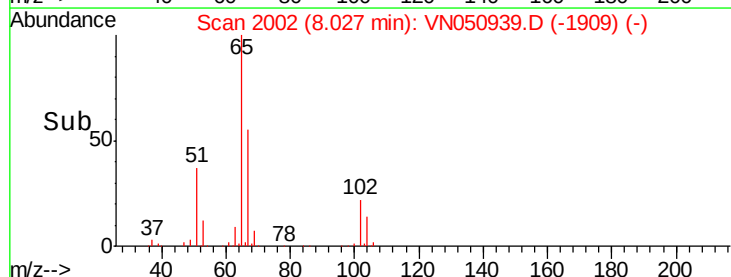
150000

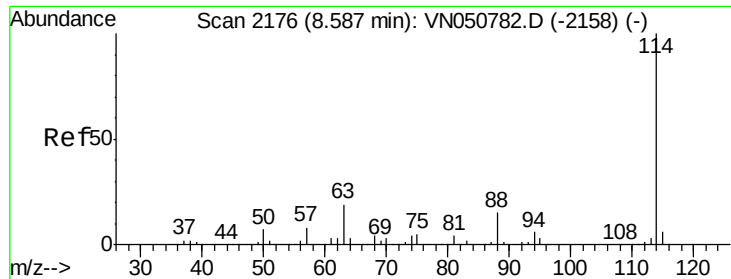
100000

50000

0

Time--> 7.90 8.00 8.10

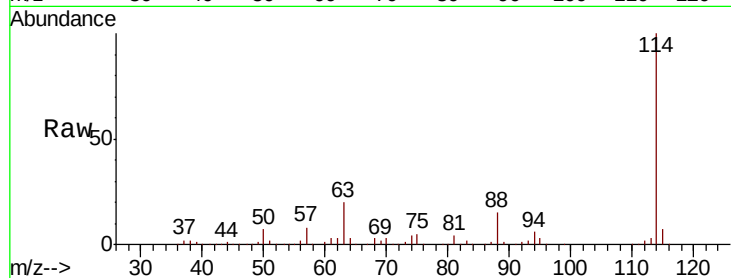




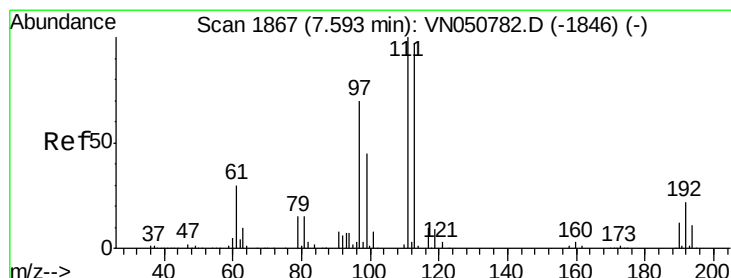
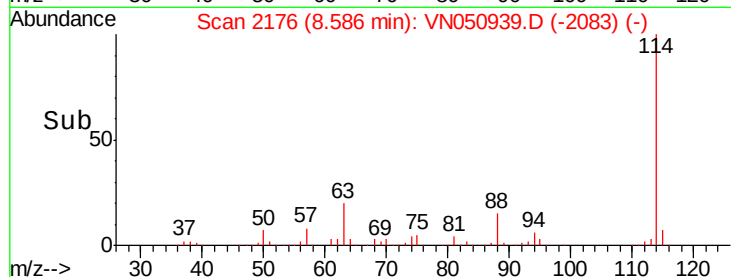
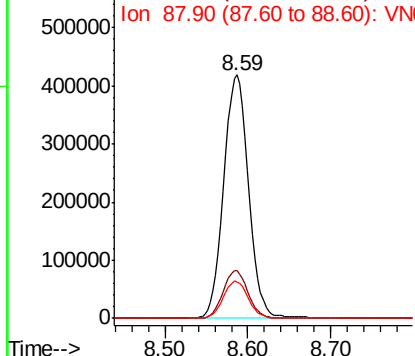
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050939.D
 Acq: 29 Aug 2018 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFFWOOD-EMBANKMENT-FILL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.1	0.0	30.6

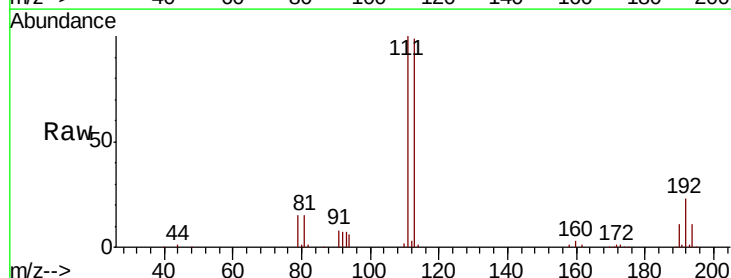


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

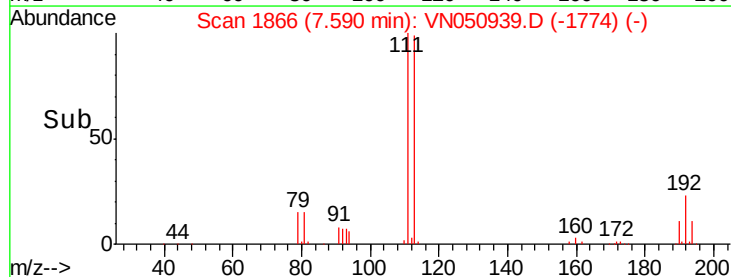
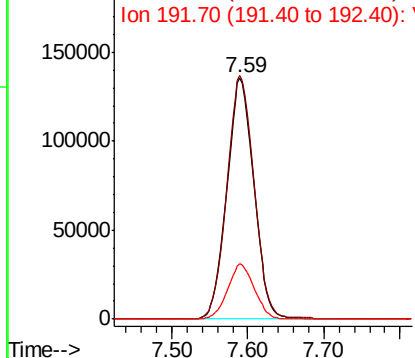


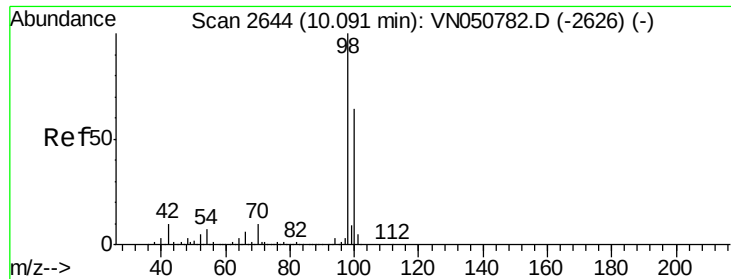
#35
 Dibromofluoromethane
 Concen: 48.333 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050939.D
 Acq: 29 Aug 2018 10:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	22.6	18.0	27.0



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: 47.243 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050939.D

Acq: 29 Aug 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

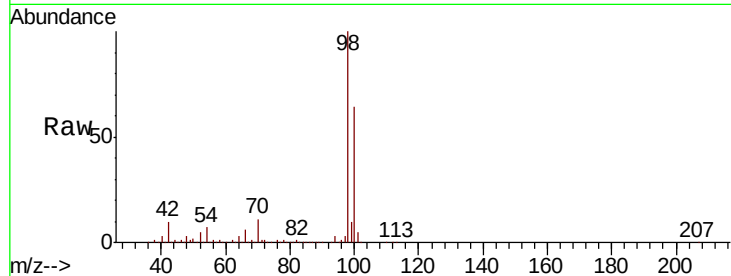
CLIFFWOOD-EMBANKMENT-FILL

Tot Ion: 98 Resp: 1226930

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

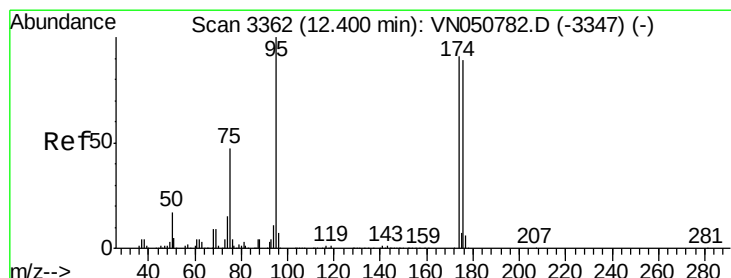
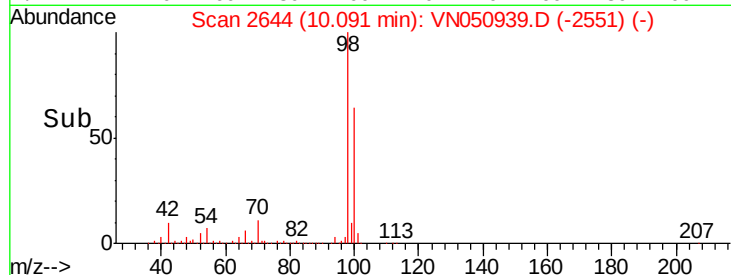
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.484 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050939.D

Acq: 29 Aug 2018 10:21

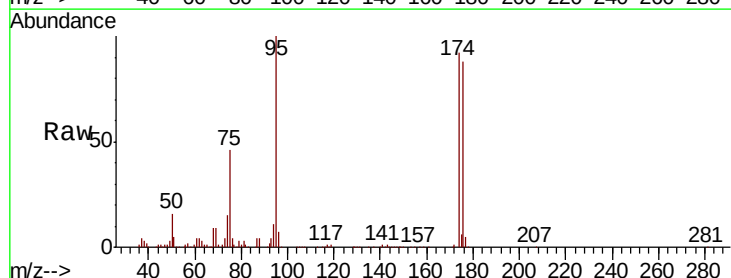
Tgt Ion: 95 Resp: 366641

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

176 88.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

300000

250000

200000

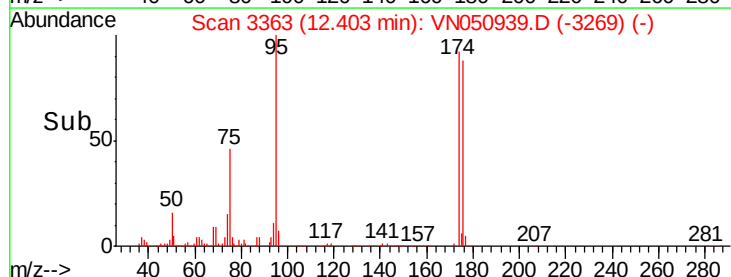
150000

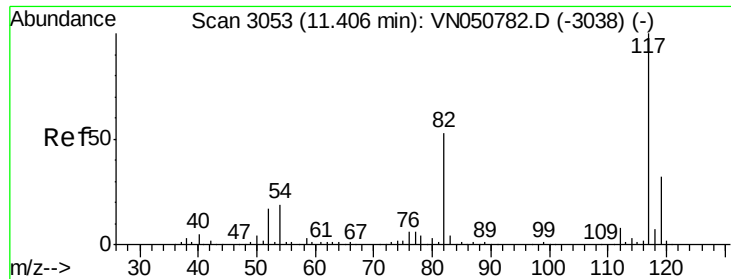
100000

50000

0

Time-->

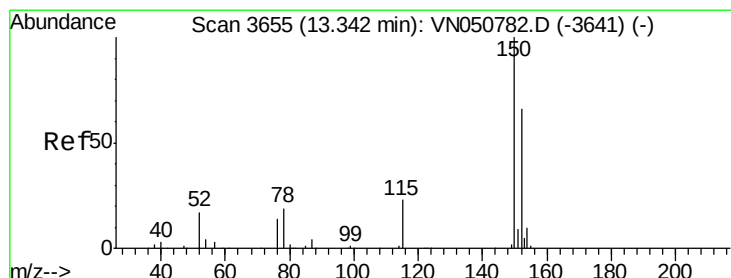
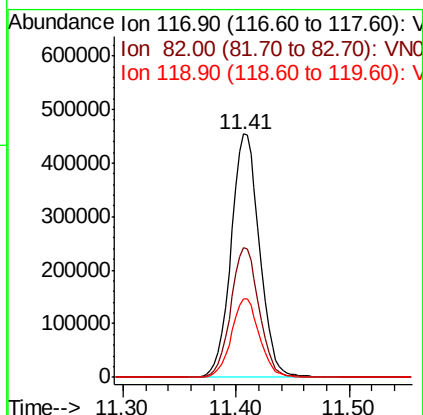
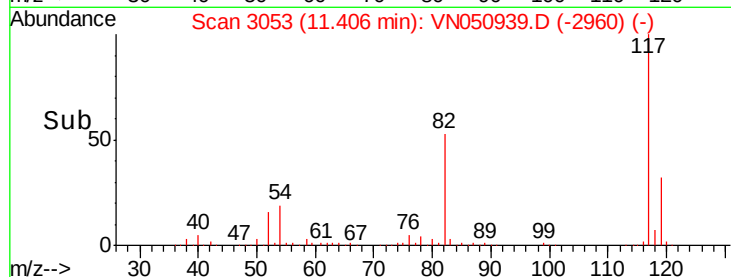
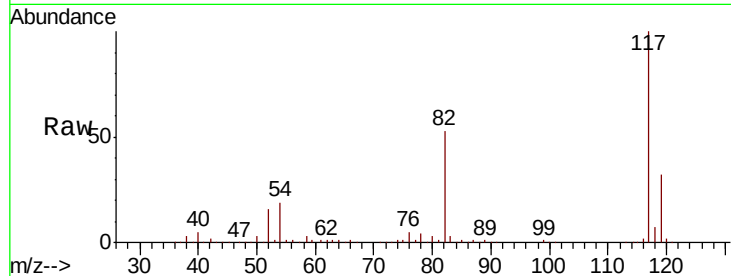




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050939.D
Acq: 29 Aug 2018 10:21

Instrument :
MSVOA_N
ClientSampleId :
CLIFFWOOD-EMBANKMENT-FILL

Tot Ion:117 Resp: 791760
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050939.D
Acq: 29 Aug 2018 10:21

Tgt Ion:152 Resp: 321126
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.4
150 155.7 0.0 351.4

