

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027183.D
 Acq On : 16 Sep 2015 1:11
 Operator : MD\FY
 Sample : G3629-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-TB-2015-05

Quant Time: Sep 16 04:02:16 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	806584	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1441728	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1197047	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	419038	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	796541	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
36) Dibromofluoromethane	7.68	113	519354	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
51) Toluene-d8	10.19	98	2091506	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
63) 4-Bromofluorobenzene	12.52	95	702213	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

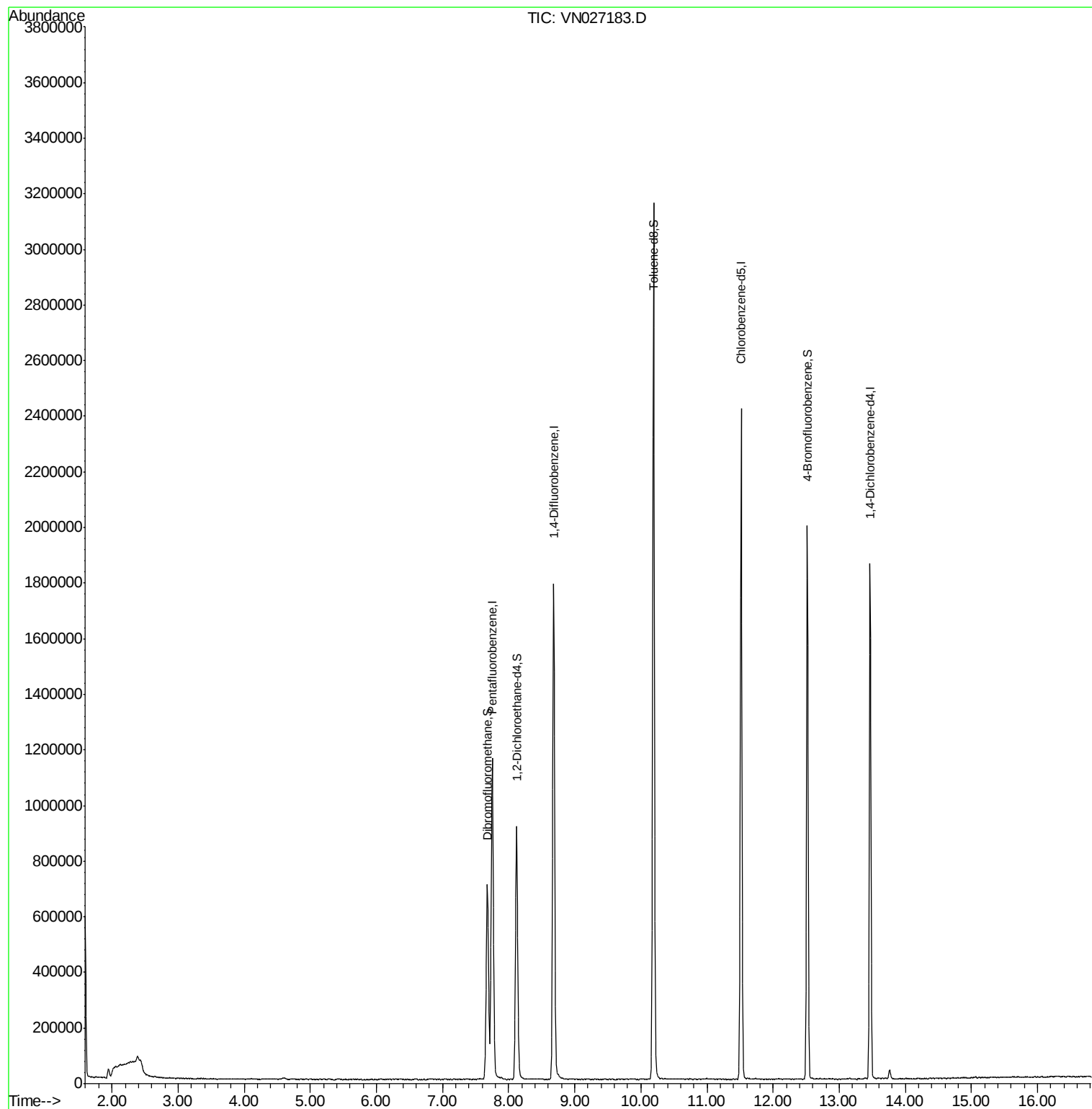
Target Compounds	Qvalue

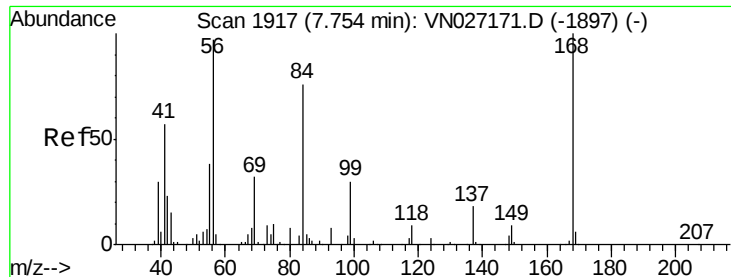
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027183.D

Acq: 16 Sep 2015 1:11

Instrument :

MSVOA_N

ClientSampleId :

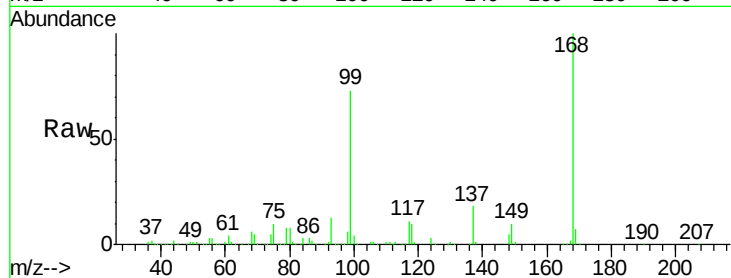
S39-TB-2015-05

Tot Ion:168 Resp: 806584

Ion Ratio Lower Upper

168 100

99 73.0 50.4 75.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.75

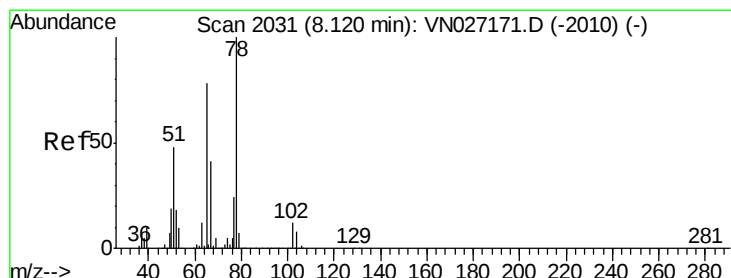
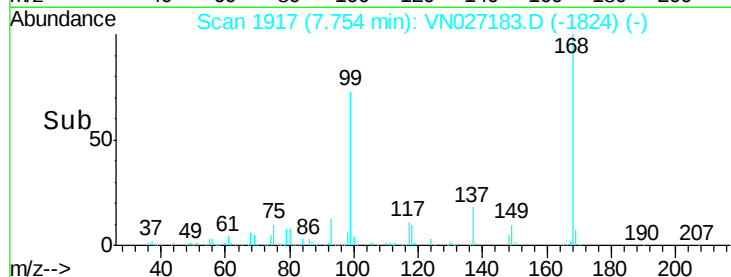
300000

200000

100000

0

Time-->



#34

1,2-Dichloroethane-d4

Concen: 48.20 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027183.D

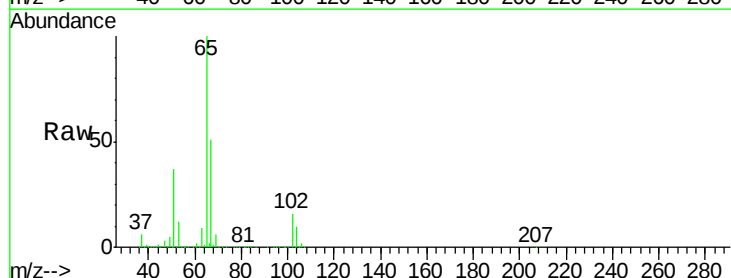
Acq: 16 Sep 2015 1:11

Tgt Ion: 65 Resp: 796541

Ion Ratio Lower Upper

65 100

67 50.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.12

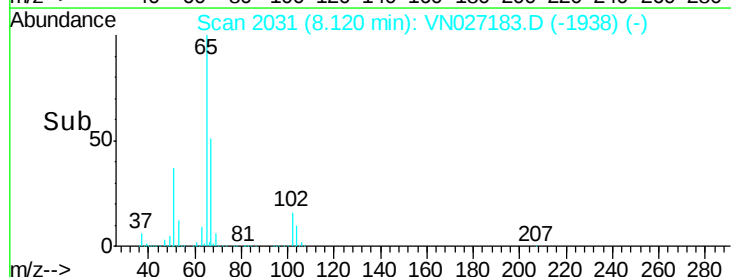
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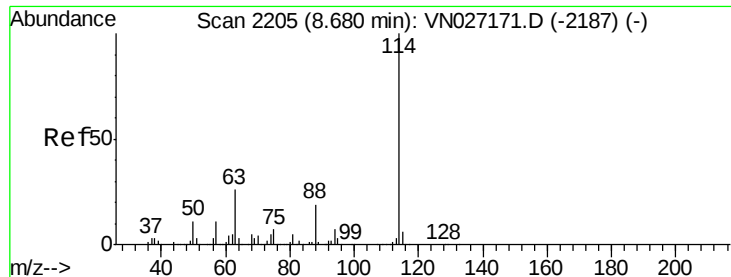
200000

100000

0

Time-->

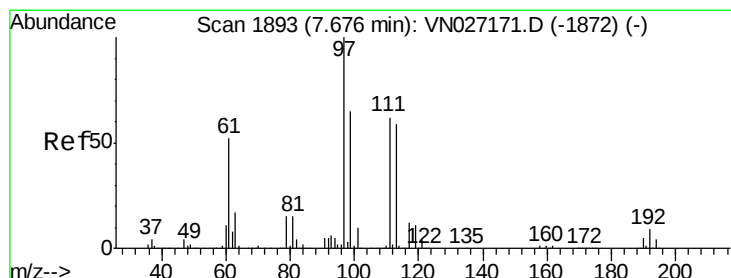
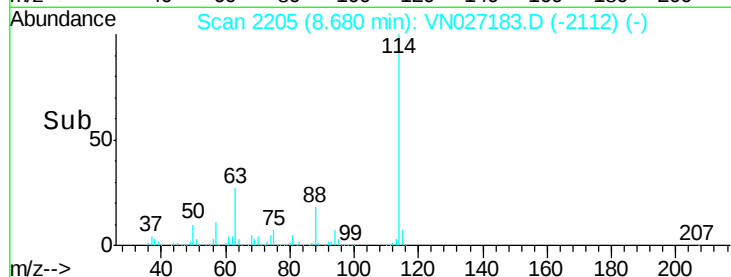
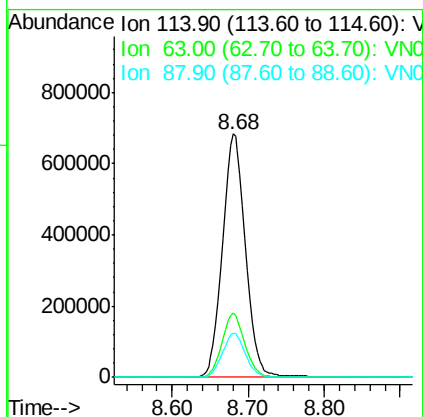
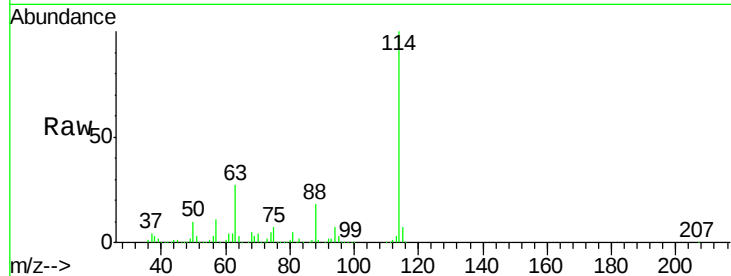




#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027183.D
 Acq: 16 Sep 2015 1:11

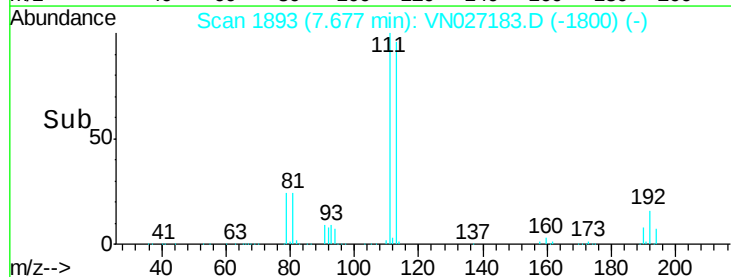
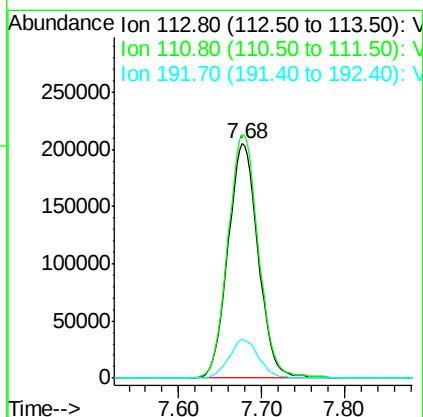
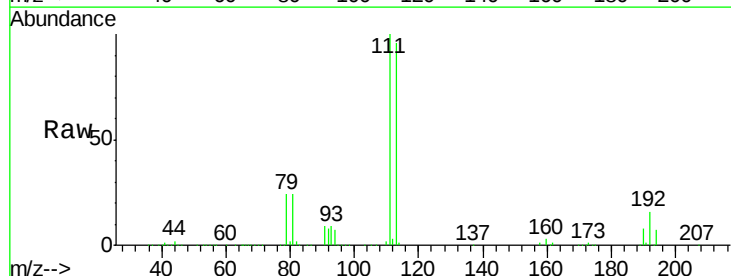
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-TB-2015-05

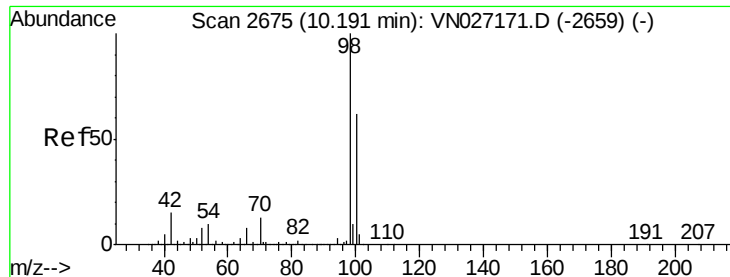
Tot Ion:114 Resp: 1441728
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 48.8
 88 18.2 0.0 32.2



#36
 Dibromofluoromethane
 Concen: 51.97 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027183.D
 Acq: 16 Sep 2015 1:11

Tgt Ion:113 Resp: 519354
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.0 124.4
 192 16.3 14.1 21.1





#51

Toluene-d8

Concen: 53.45 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027183.D

Acq: 16 Sep 2015 1:11

Instrument :

MSVOA_N

ClientSampleId :

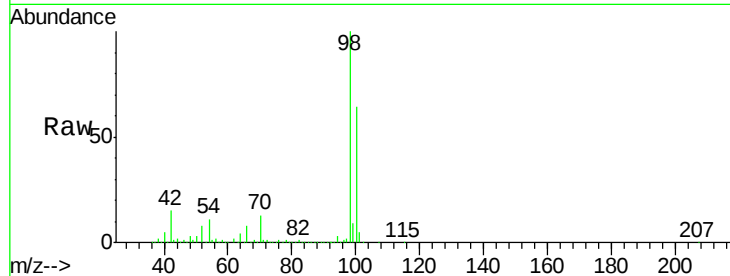
S39-TB-2015-05

Tot Ion: 98 Resp: 2091506

Ion Ratio Lower Upper

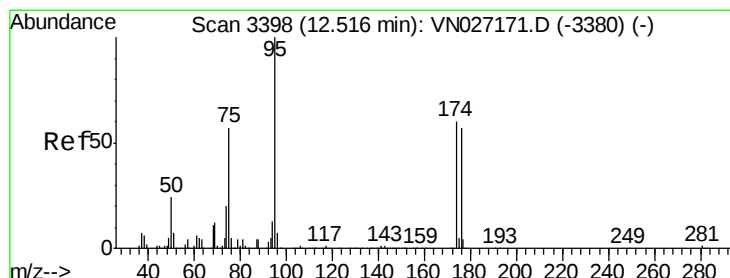
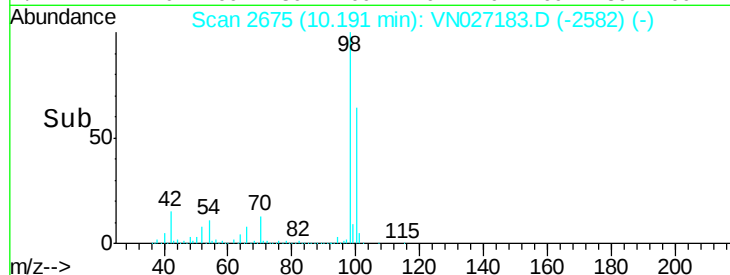
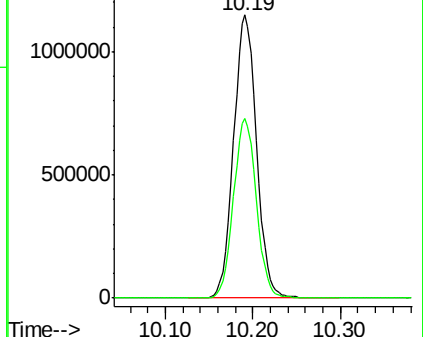
98 100

100 63.2 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 50.56 ug/l

RT: 12.52 min Scan# 3399

Delta R.T. 0.00 min

Lab File: VN027183.D

Acq: 16 Sep 2015 1:11

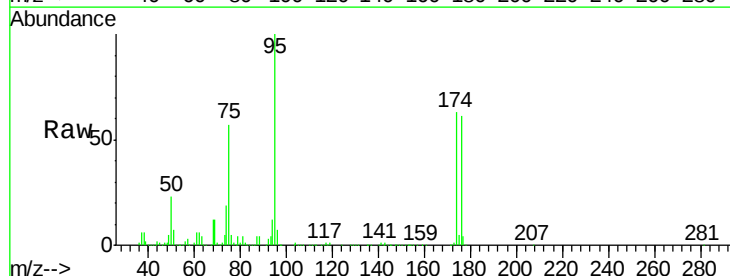
Tgt Ion: 95 Resp: 702213

Ion Ratio Lower Upper

95 100

174 61.3 0.0 137.0

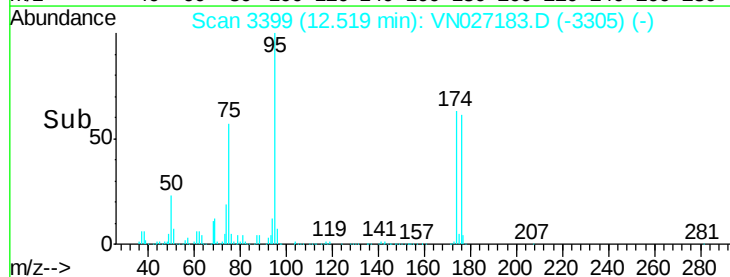
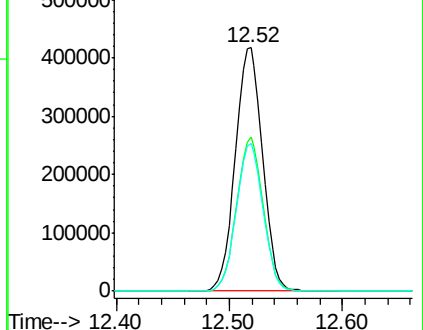
176 59.5 0.0 130.8

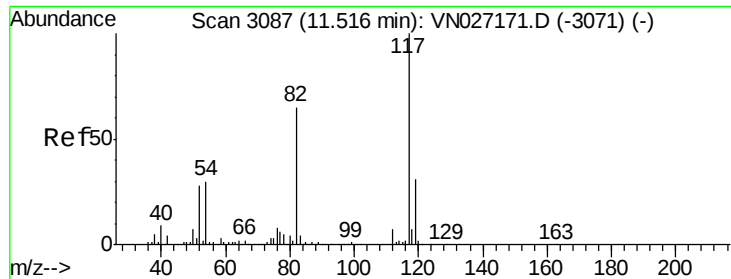


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

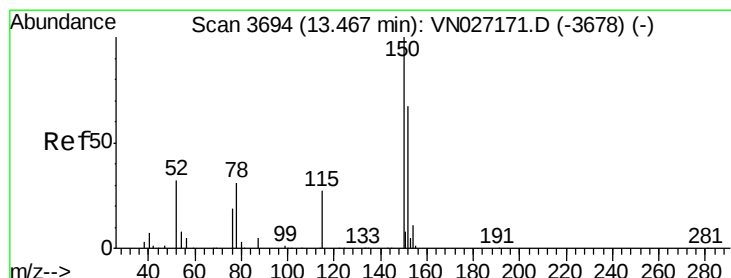
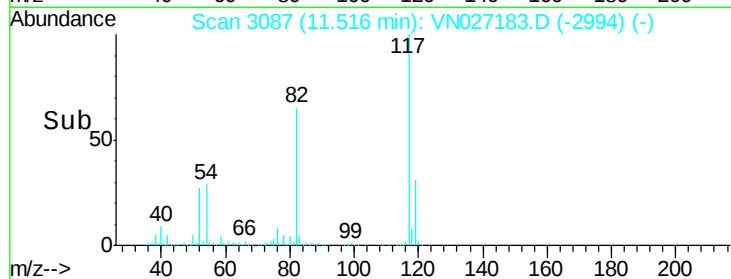
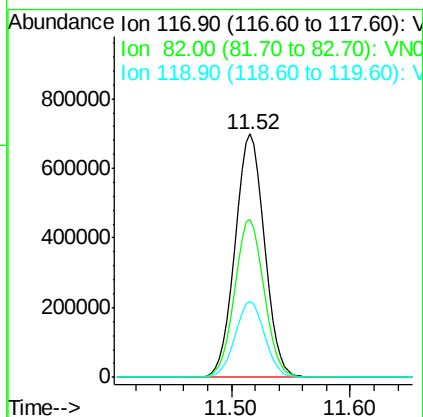
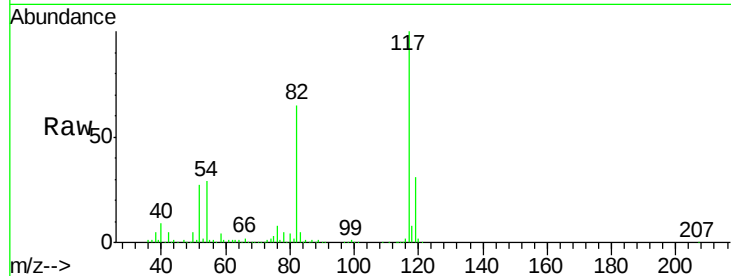




#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027183.D
Acq: 16 Sep 2015 1:11

Instrument :
MSVOA_N
ClientSampleId :
S39-TB-2015-05

Tot Ion:117 Resp: 1197047
Ion Ratio Lower Upper
117 100
82 65.0 49.6 74.4
119 31.2 24.6 36.8



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027183.D
Acq: 16 Sep 2015 1:11

Tgt Ion:152 Resp: 419038
Ion Ratio Lower Upper
152 100
115 67.5 30.8 92.3
150 158.4 0.0 345.0

