

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050409.D
 Acq On : 7 Aug 2018 2:38
 Operator : MD\SY
 Sample : J4366-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SV30518L

Quant Time: Aug 07 09:49:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365591	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	436568	51.71	ug/l	0.00
Spiked Amount						
			Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	393863	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1417887	46.40	ug/l	0.00
Spiked Amount						
			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.40	95	404652	38.85	ug/l	0.00
Spiked Amount						
			Recovery	=	77.70%	

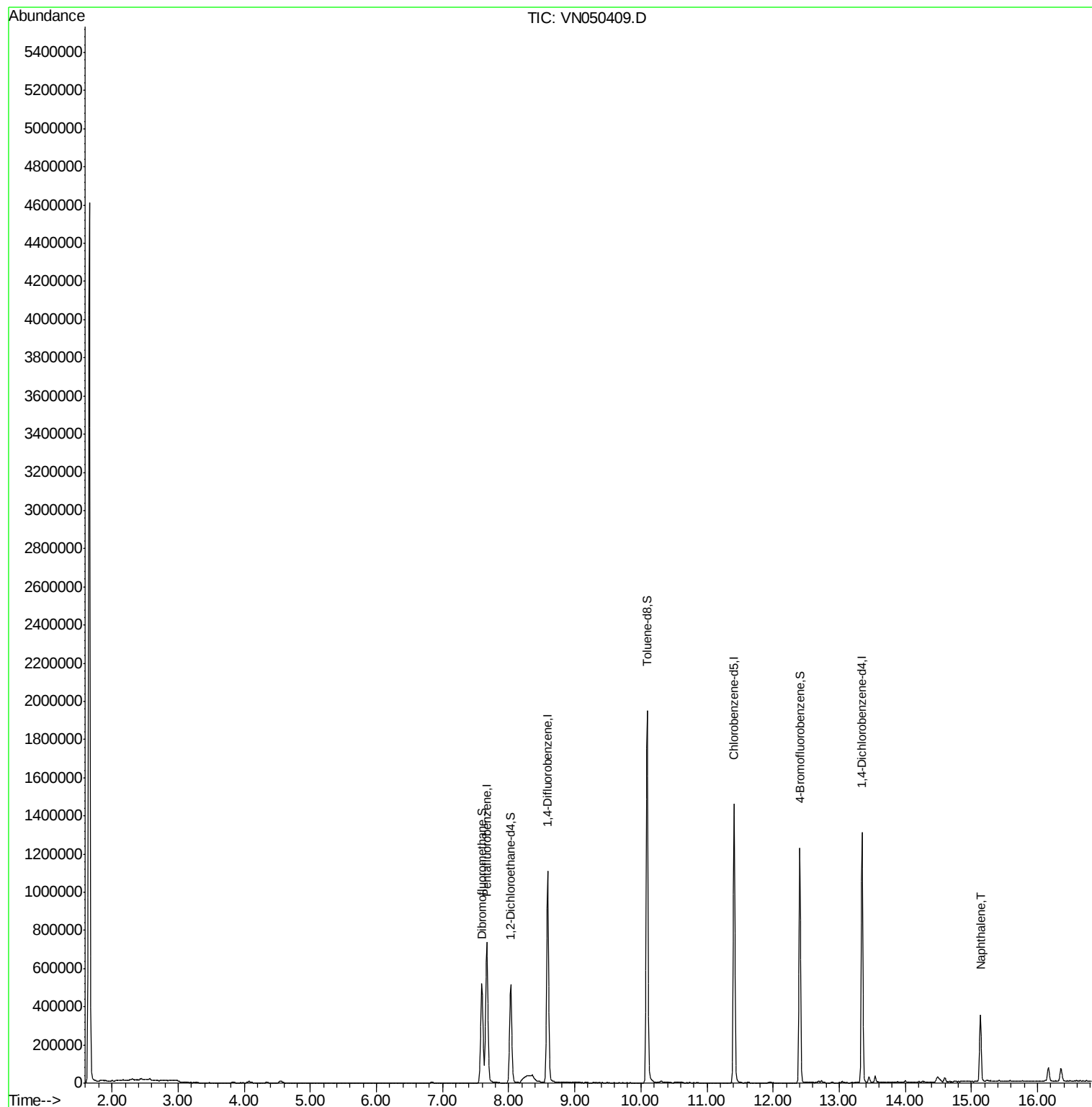
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	15.14	128	312187	19.98	ug/l	100

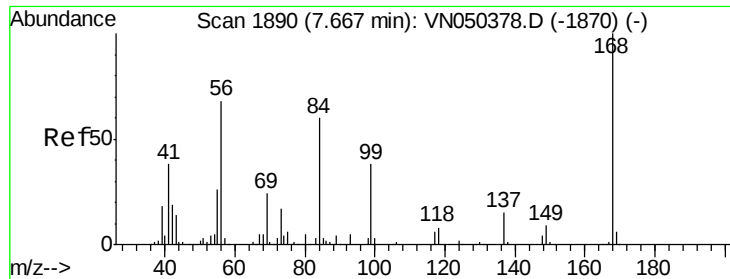
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050409.D

Acq: 7 Aug 2018 2:38

Instrument :

MSVOA_N

ClientSampleId :

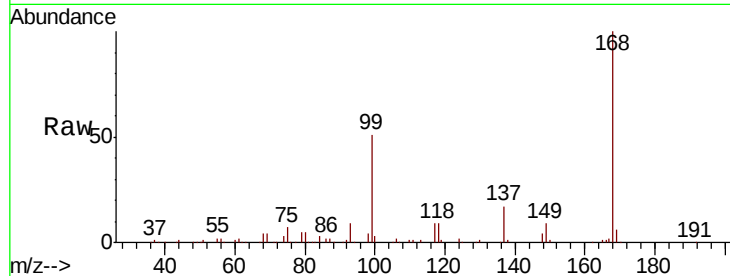
SV30518L

Tot Ion:168 Resp: 631931

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

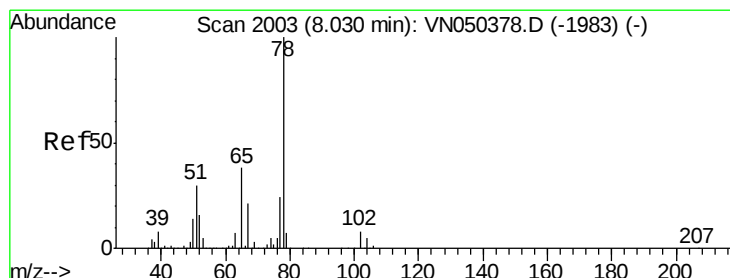
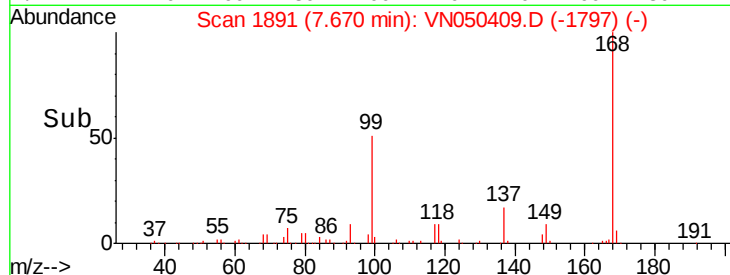
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.71 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050409.D

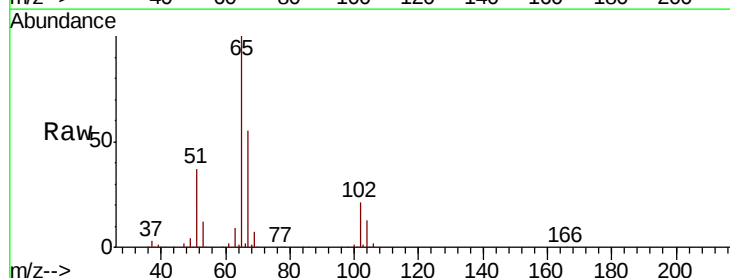
Acq: 7 Aug 2018 2:38

Tgt Ion: 65 Resp: 436568

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050378.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050378.D (-1983) (-)

8.03

200000

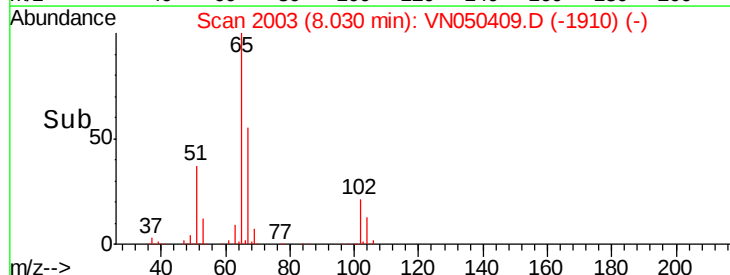
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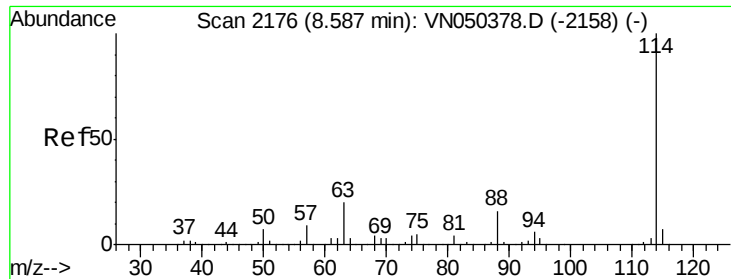
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Time-->

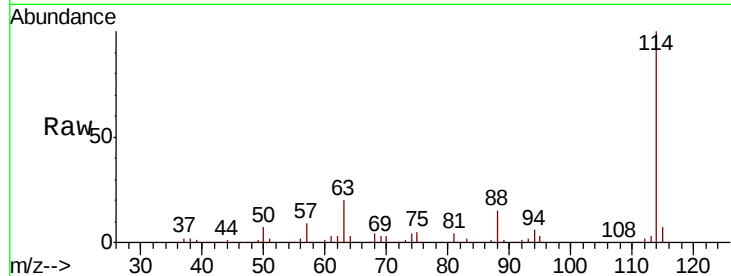




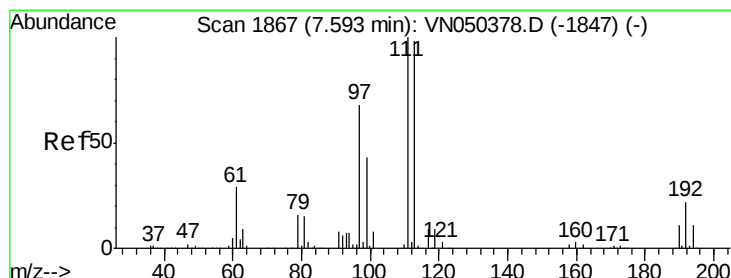
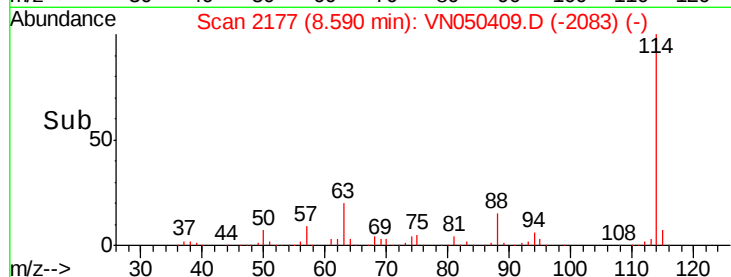
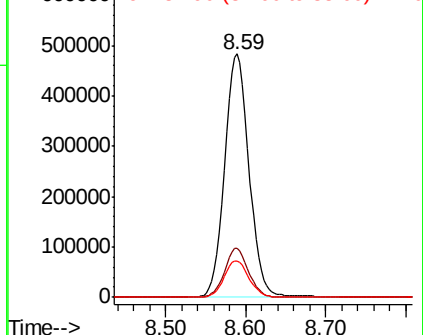
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050409.D
 Acq: 7 Aug 2018 2:38

Instrument :
 MSVOA_N
 ClientSampleId :
 SV30518L

Tot Ion:114 Resp: 1012946
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.1 0.0 31.2

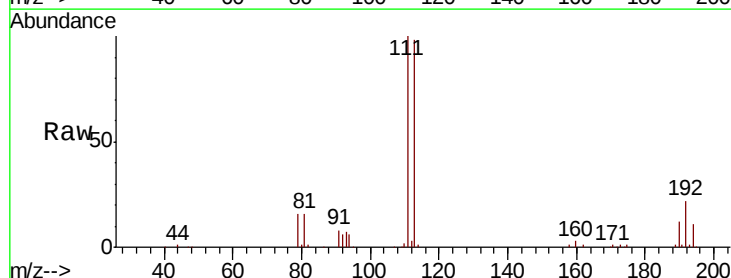


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

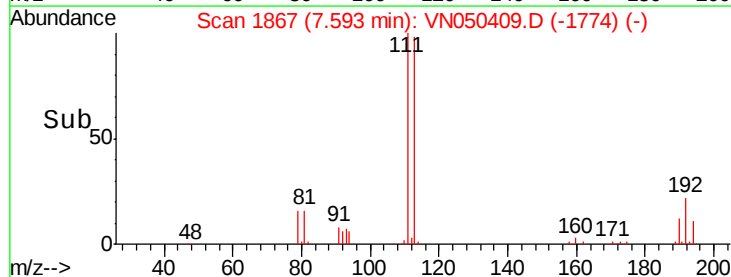
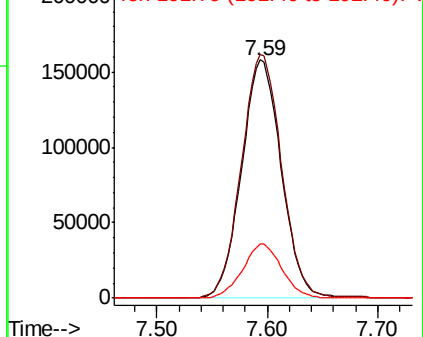


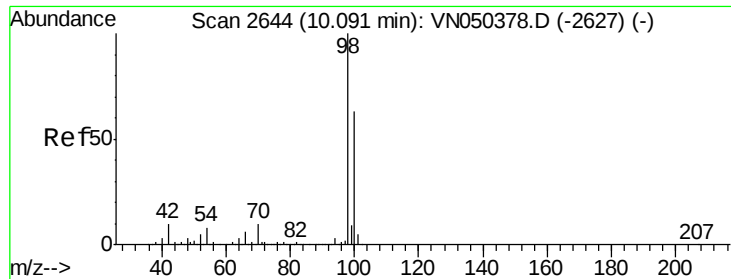
#35
 Dibromofluoromethane
 Concen: 48.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050409.D
 Acq: 7 Aug 2018 2:38

Tgt Ion:113 Resp: 393863
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.7 121.1
 192 22.5 17.8 26.6



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

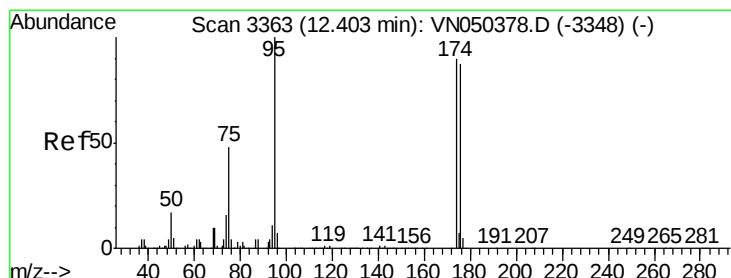
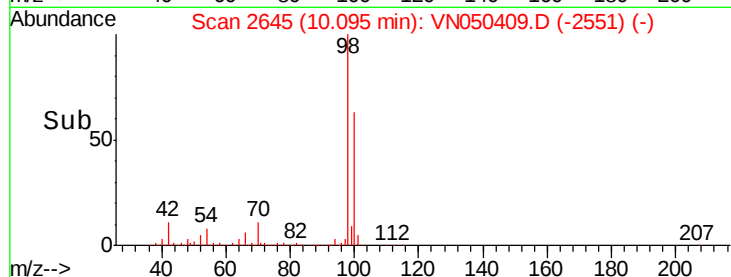
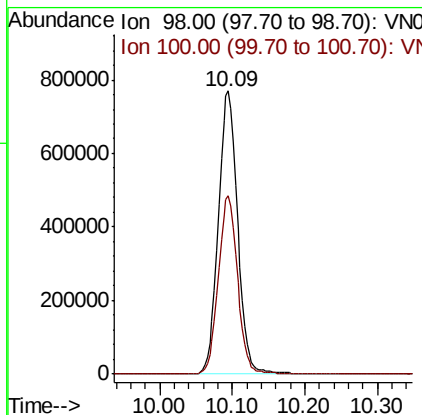
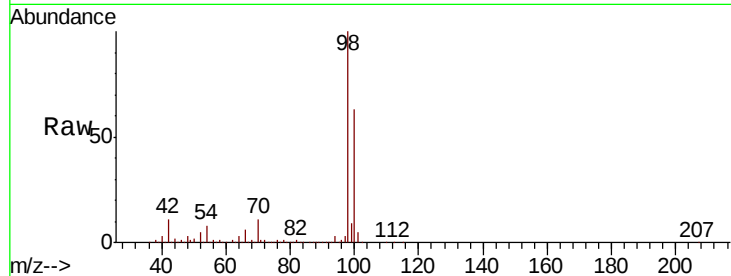




#50
Toluene-d8
Concen: 46.40 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050409.D
Acq: 7 Aug 2018 2:38

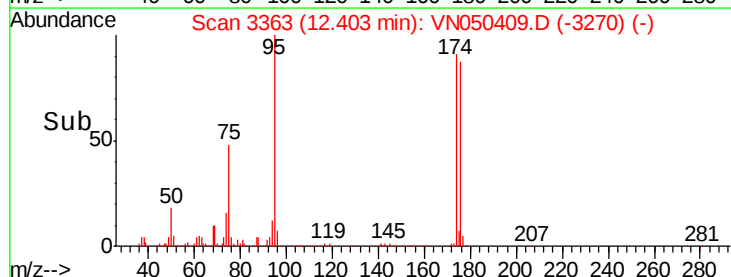
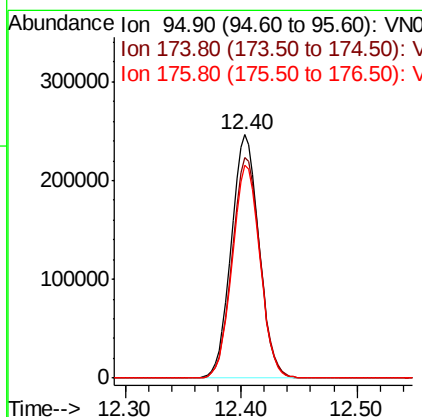
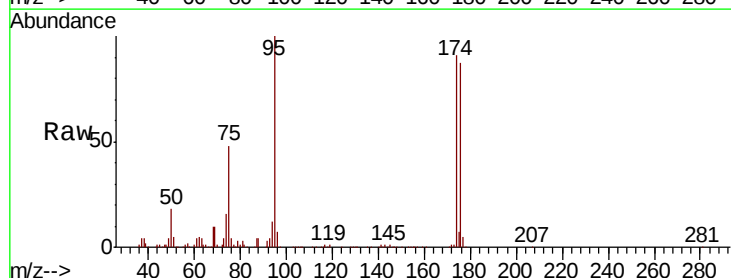
Instrument :
MSVOA_N
ClientSampled :
SV30518L

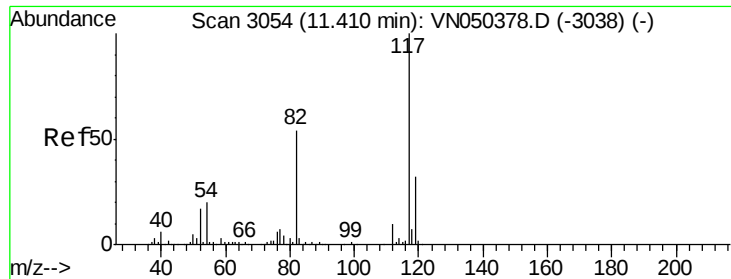
Tot Ion: 98 Resp: 1417887
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.85 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050409.D
Acq: 7 Aug 2018 2:38

Tgt Ion: 95 Resp: 404652
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.2
176 87.6 0.0 173.4

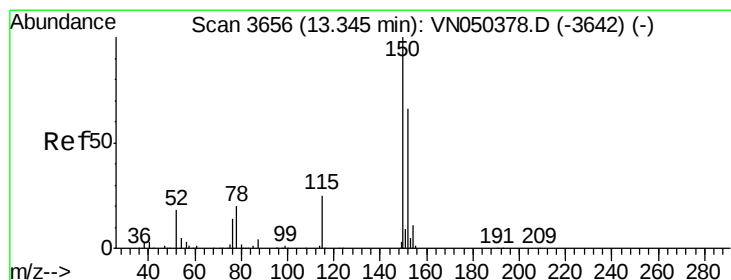
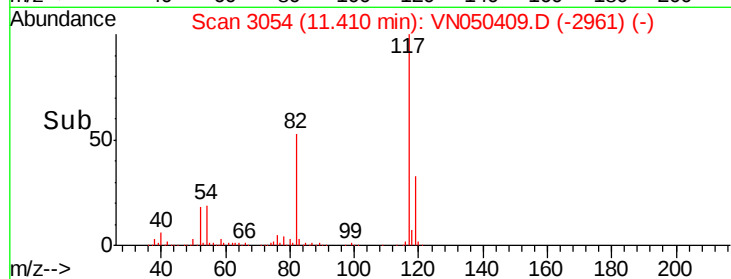
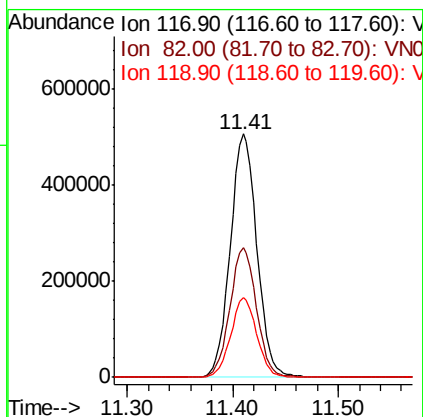
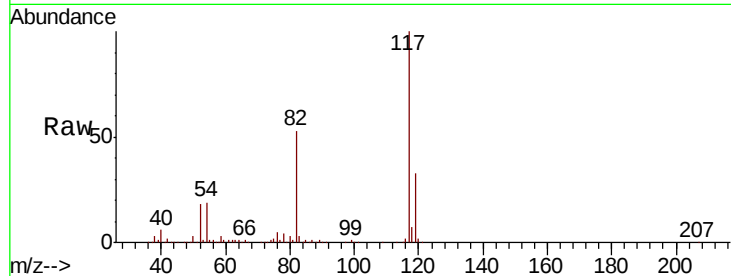




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050409.D
Acq: 7 Aug 2018 2:38

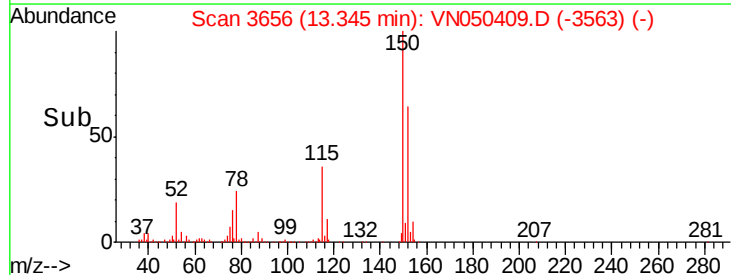
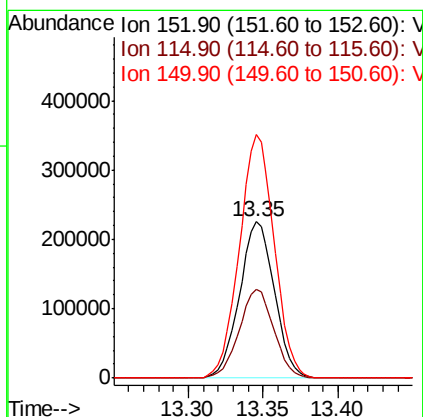
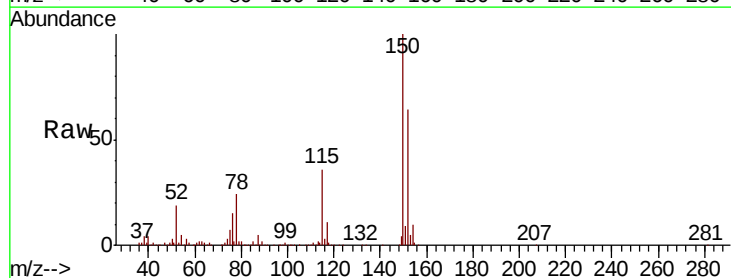
Instrument :
MSVOA_N
ClientSampleId :
SV30518L

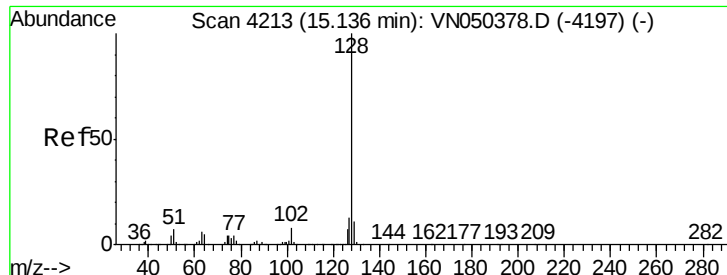
Tot Ion:117 Resp: 882089
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050409.D
Acq: 7 Aug 2018 2:38

Tgt Ion:152 Resp: 365591
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 155.4 0.0 348.6

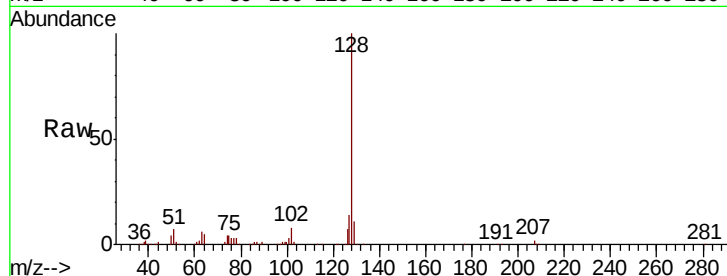




#95
Naphthalene
Concen: 19.98 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050409.D
Acq: 7 Aug 2018 2:38

Instrument :
MSVOA_N
ClientSampleId :
SV30518L

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

