

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054771.D
 Acq On : 29 Mar 2019 15:47
 Operator : JC/SP
 Sample : VN0329WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBL01

Quant Time: Mar 30 03:29:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	529555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	266560	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	348455	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	7.59	113	274215	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1040534	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	326010	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

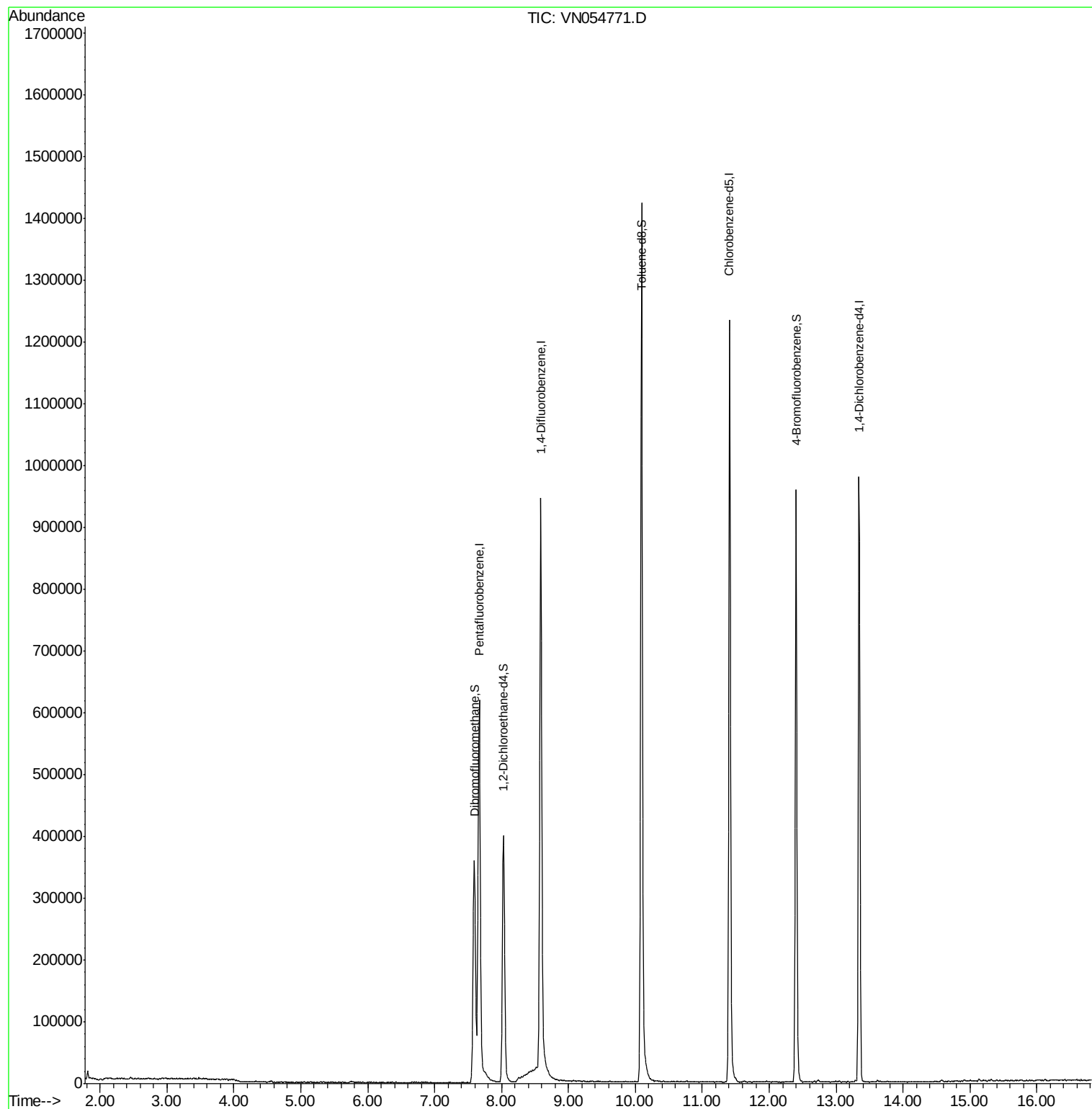
Target Compounds	Qvalue
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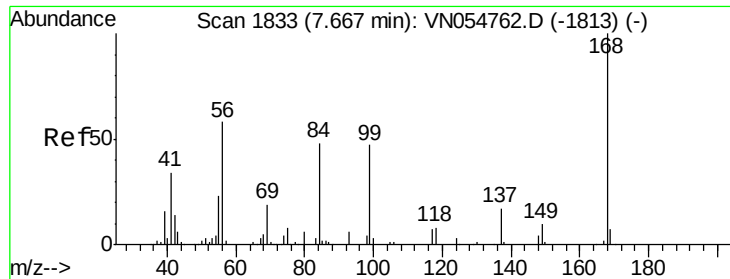
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054771.D

Acq: 29 Mar 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

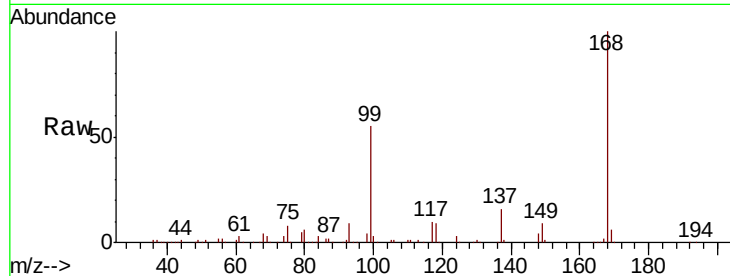
VN0329WBL01

Tot Ion:168 Resp: 529555

Ion Ratio Lower Upper

168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

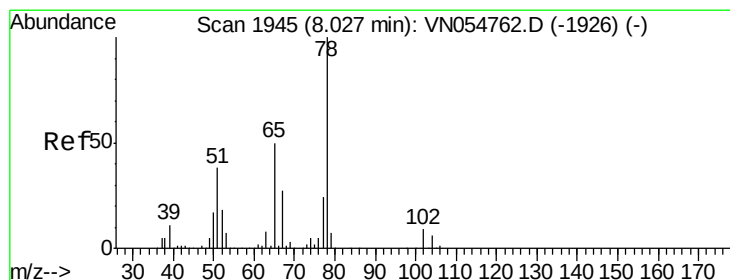
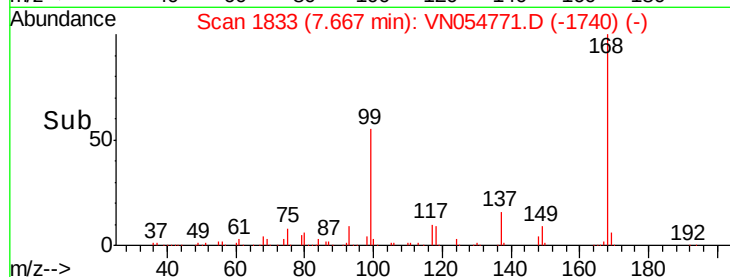
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.813 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054771.D

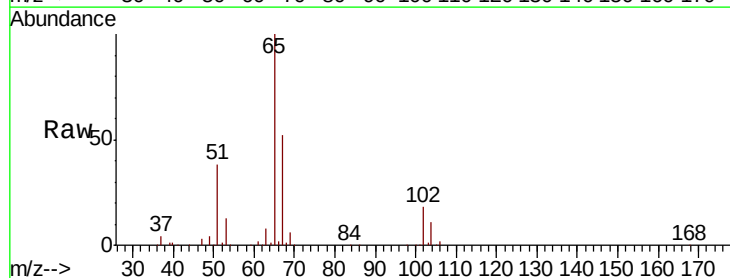
Acq: 29 Mar 2019 15:47

Tgt Ion: 65 Resp: 348455

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054762.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054762.D (-1926) (-)

8.03

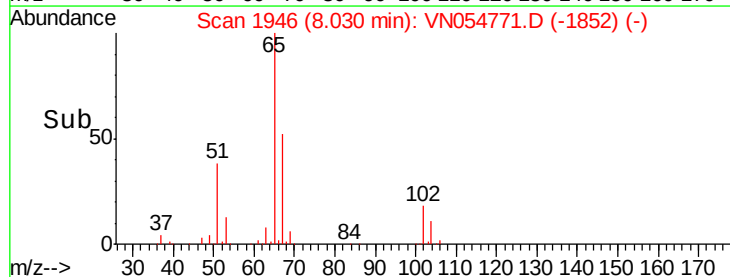
150000

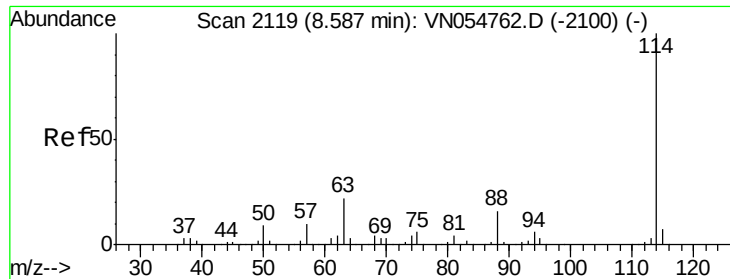
100000

50000

0

Time-->

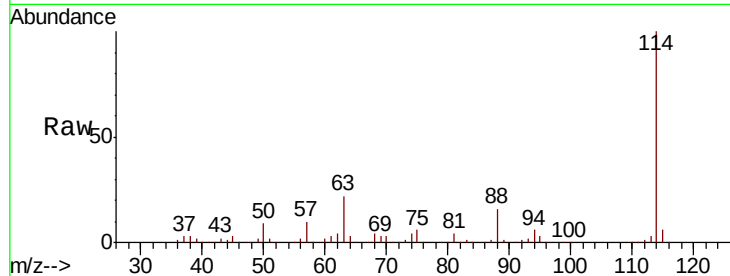




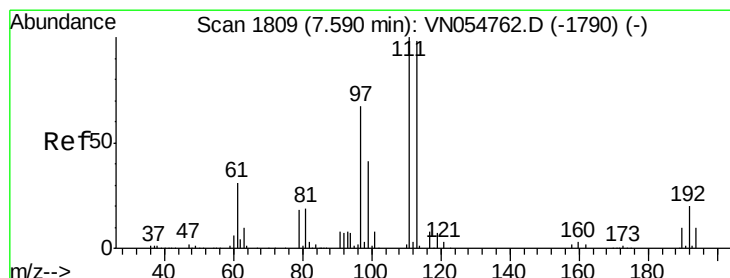
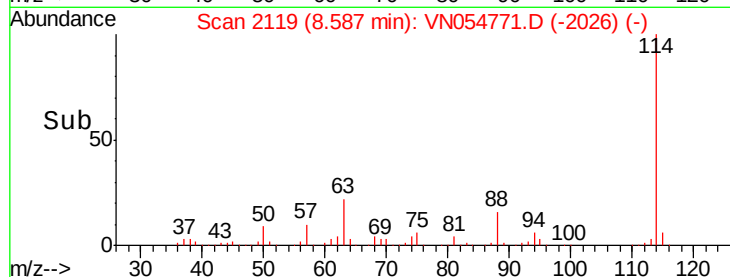
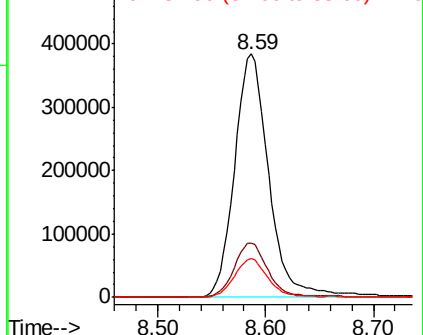
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054771.D
 Acq: 29 Mar 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBL01

Tot Ion:114 Resp: 845918
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.7 0.0 30.2

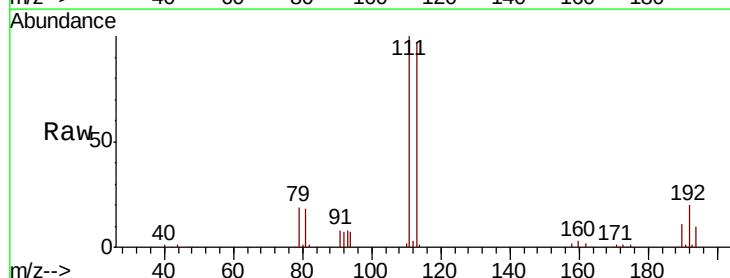


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

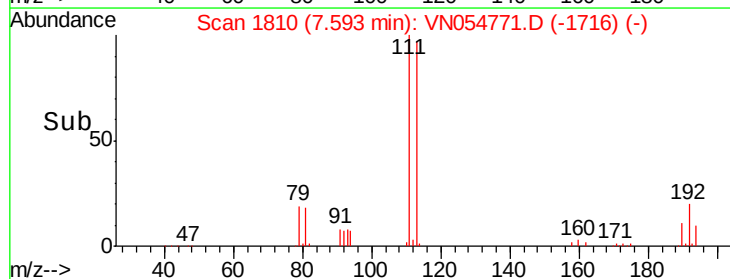
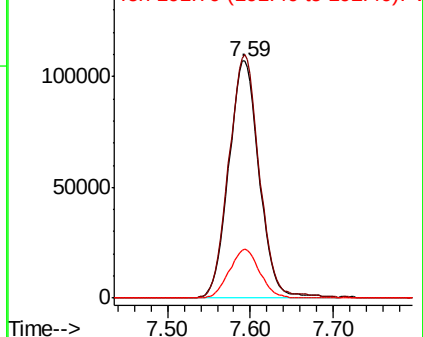


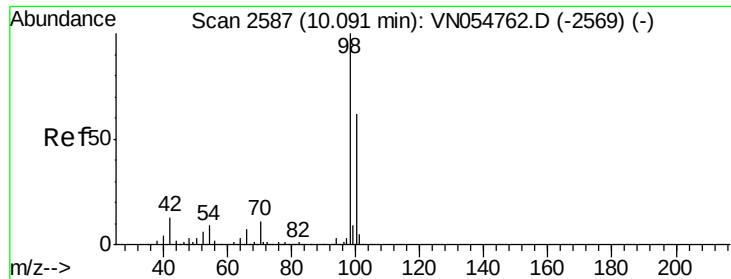
#35
 Dibromofluoromethane
 Concen: 48.623 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054771.D
 Acq: 29 Mar 2019 15:47

Tgt Ion:113 Resp: 274215
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 20.6 19.2 28.8



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

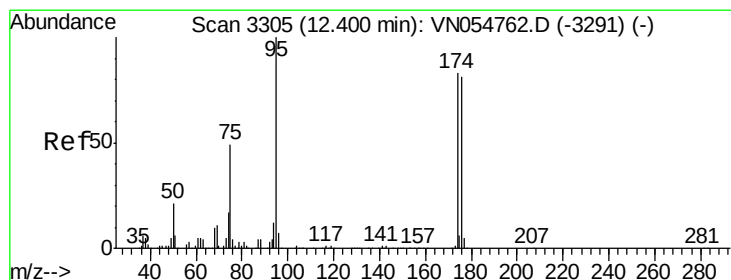
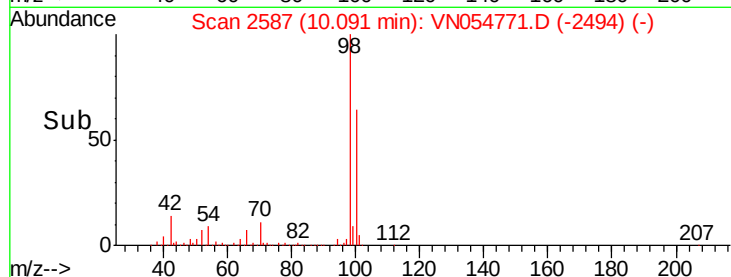
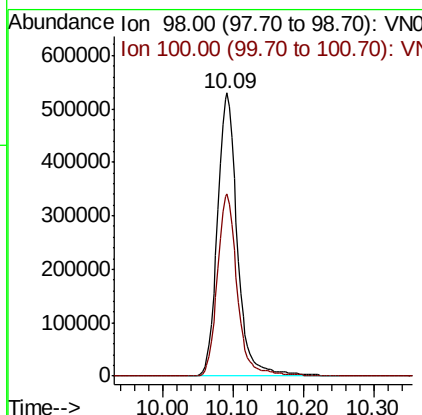
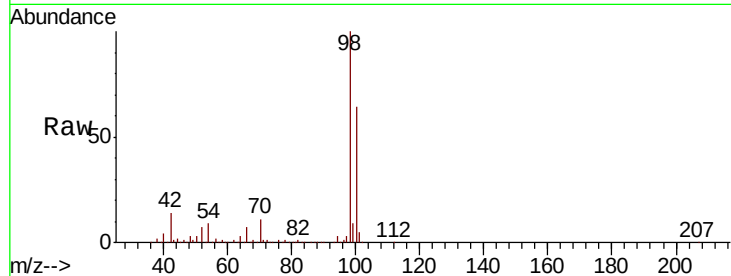




#50
Toluene-d8
Concen: 49.627 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054771.D
Acq: 29 Mar 2019 15:47

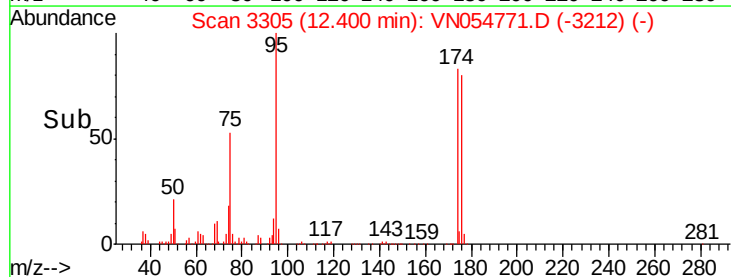
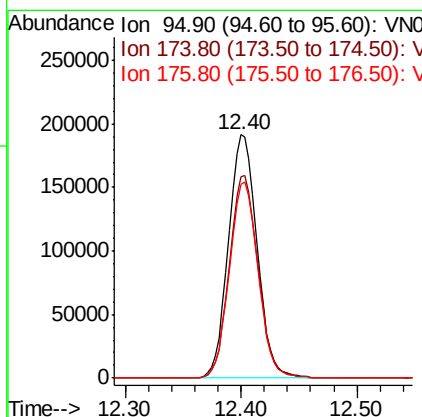
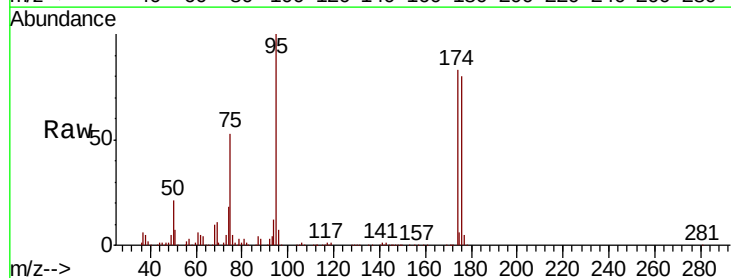
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBL01

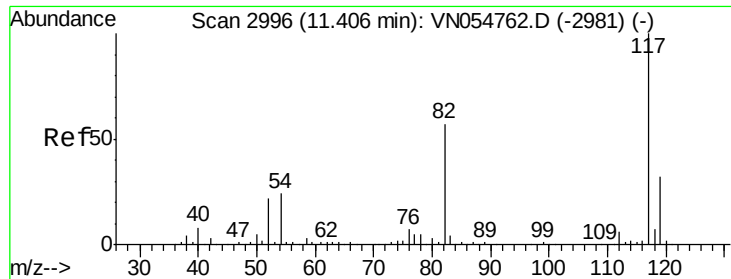
Tot Ion: 98 Resp: 1040534
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.752 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054771.D
Acq: 29 Mar 2019 15:47

Tgt Ion: 95 Resp: 326010
Ion Ratio Lower Upper
95 100
174 83.4 0.0 191.0
176 80.7 0.0 187.4

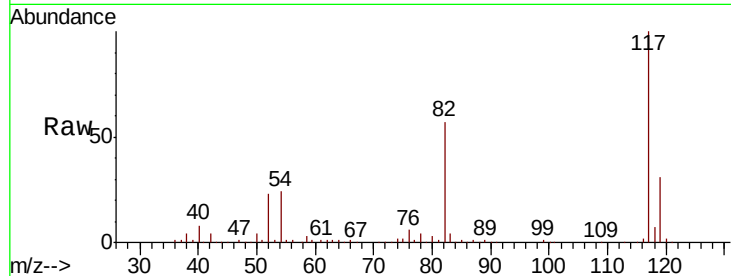




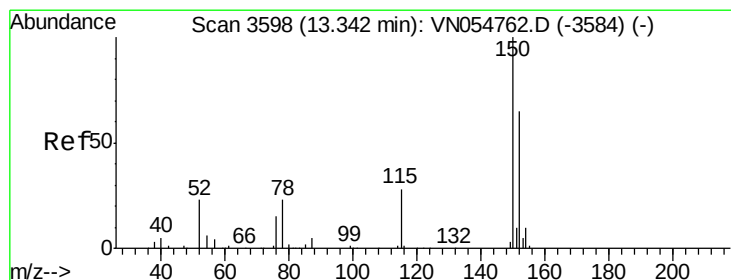
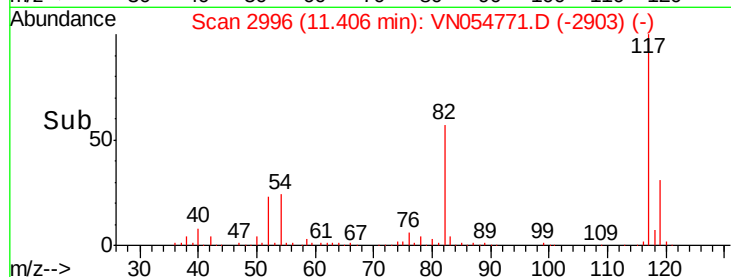
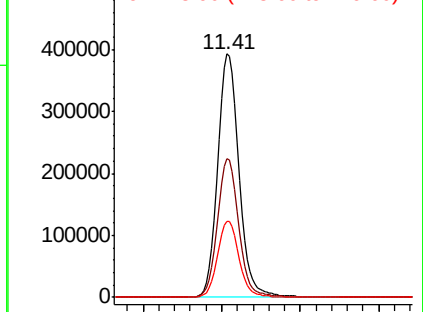
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054771.D
Acq: 29 Mar 2019 15:47

Instrument :
MSVOA_N
ClientSampled :
VN0329WBL01

Tot Ion:117 Resp: 733695
Ion Ratio Lower Upper
117 100
82 57.2 40.0 60.0
119 31.4 25.8 38.6

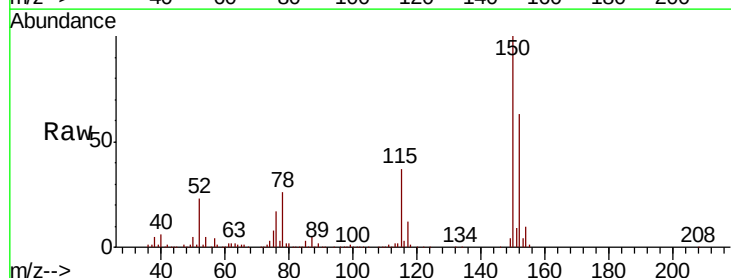


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054771.D
Acq: 29 Mar 2019 15:47

Tgt Ion:152 Resp: 266560
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 157.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

