

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054774.D
 Acq On : 29 Mar 2019 17:06
 Operator : JC/SP
 Sample : K2107-17
 Misc : 9.18g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Mar 30 03:40:09 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	7.66	168	452369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	761381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	653339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265014	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	302125	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	7.59	113	233177	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.09	98	912839	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	295236	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

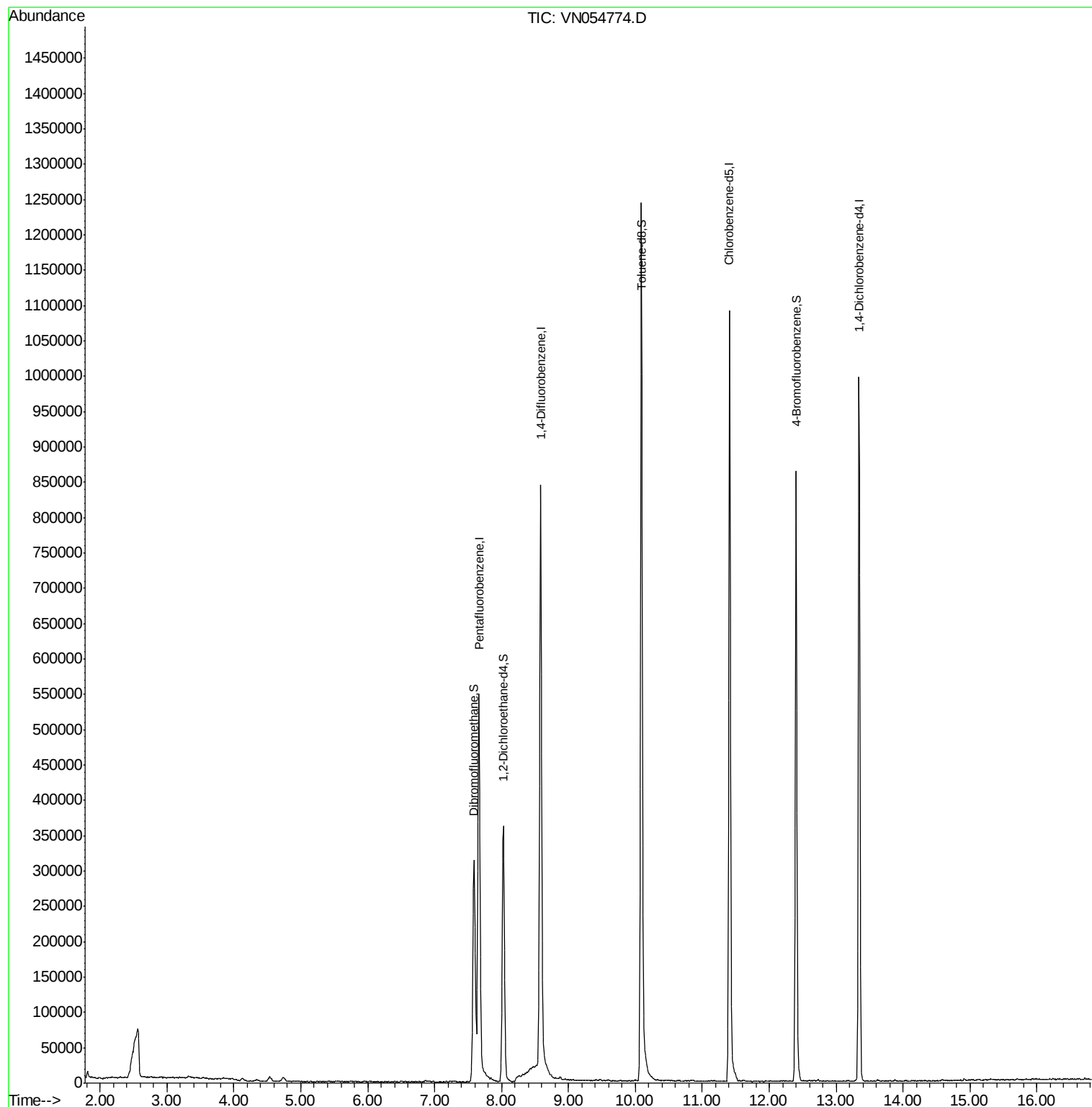
Target Compounds	Qvalue
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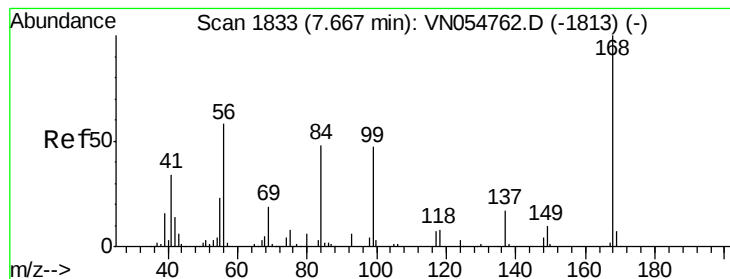
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032919\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054774.D

Acq: 29 Mar 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

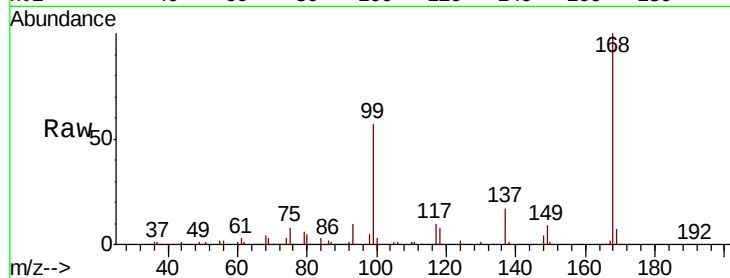
TP-9

Tot Ion:168 Resp: 452369

Ion Ratio Lower Upper

168 100

99 56.6 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) (-)

7.66

200000

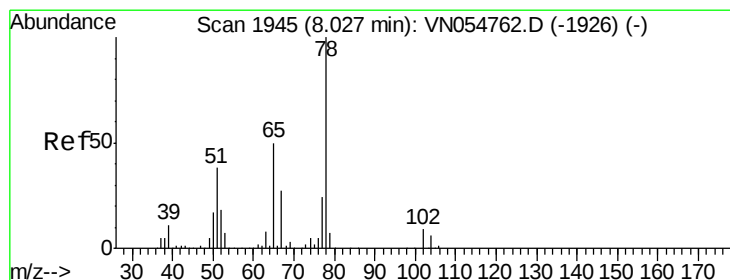
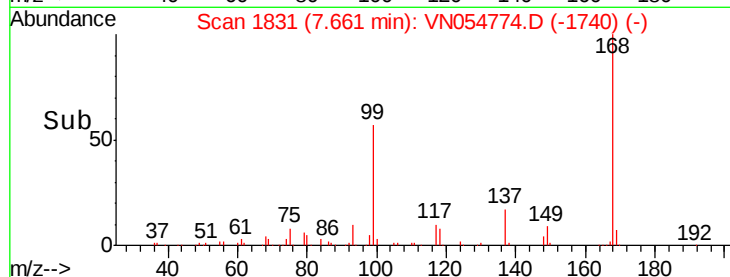
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.545 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054774.D

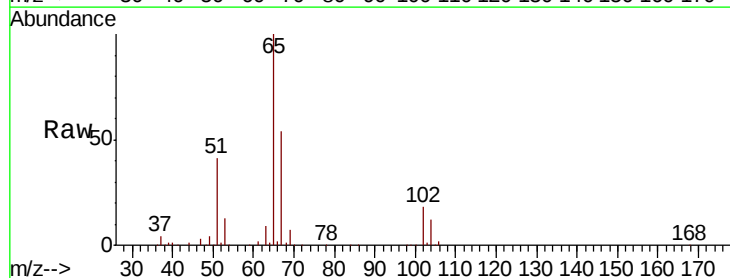
Acq: 29 Mar 2019 17:06

Tgt Ion: 65 Resp: 302125

Ion Ratio Lower Upper

65 100

67 53.4 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

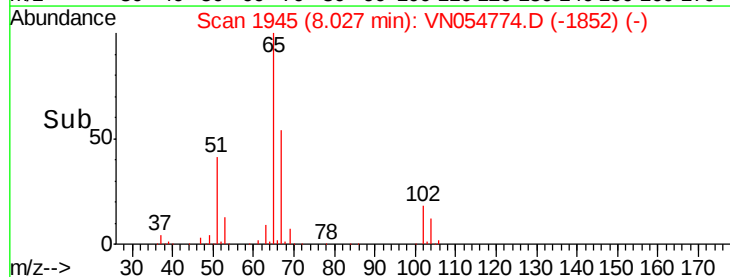
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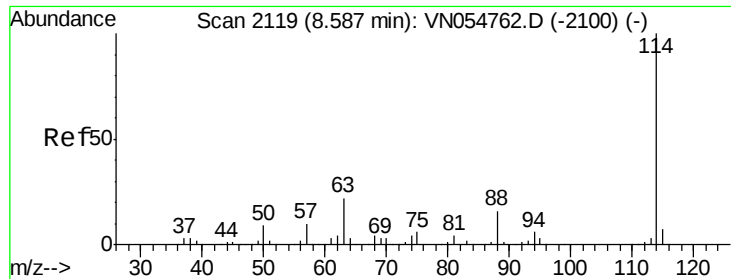
100000

50000

0

Time-->

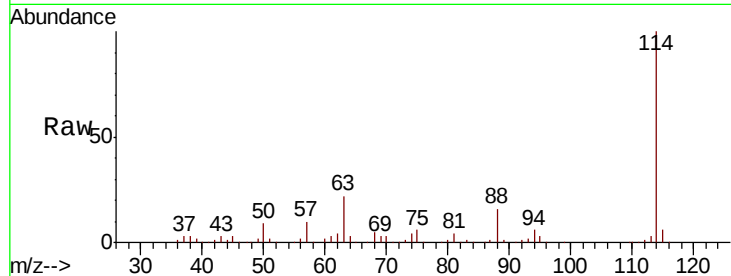




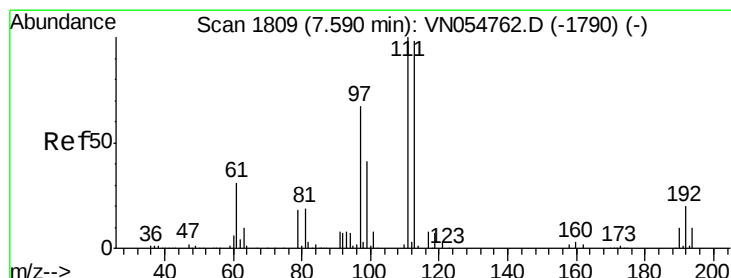
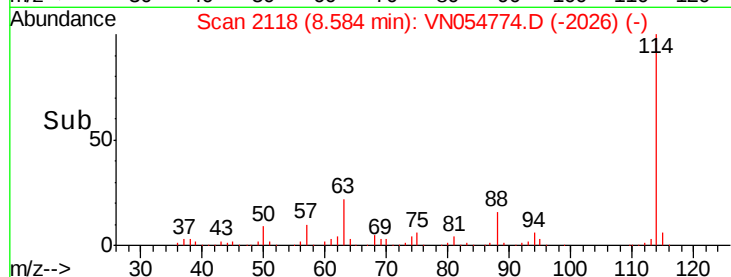
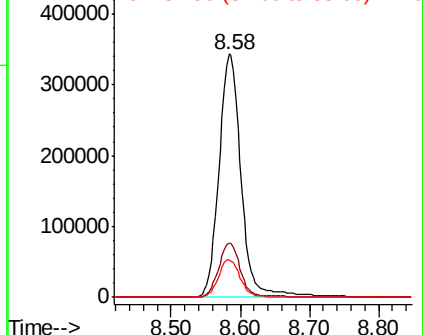
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054774.D
 Acq: 29 Mar 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Tot Ion:114 Resp: 761381
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.6 0.0 30.2

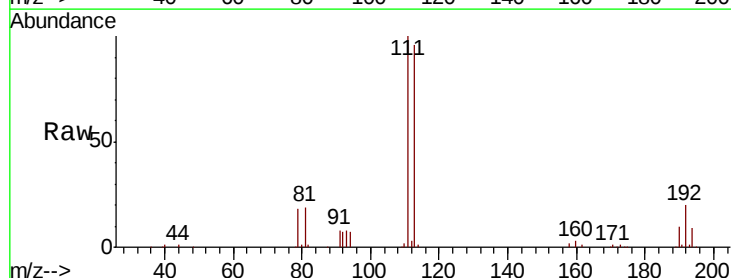


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

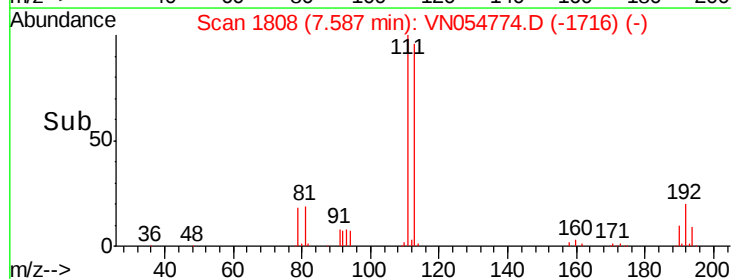
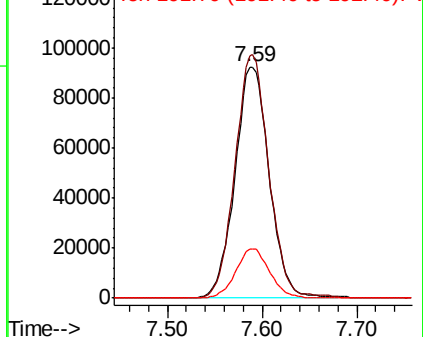


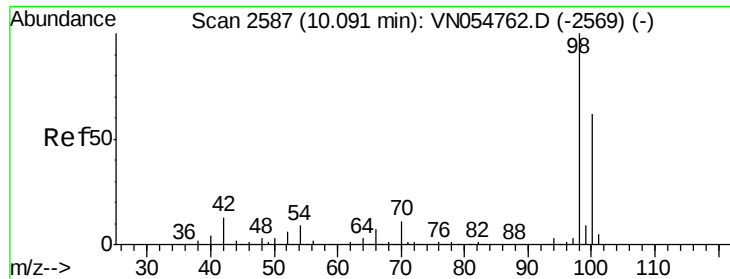
#35
 Dibromofluoromethane
 Concen: 45.937 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054774.D
 Acq: 29 Mar 2019 17:06

Tgt Ion:113 Resp: 233177
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 21.0 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: 48.371 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054774.D

Acq: 29 Mar 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

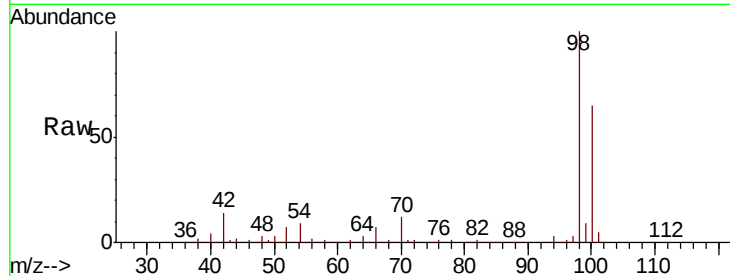
TP-9

Tot Ion: 98 Resp: 912839

Ion Ratio Lower Upper

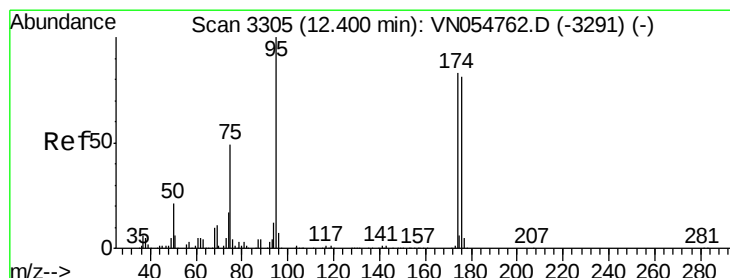
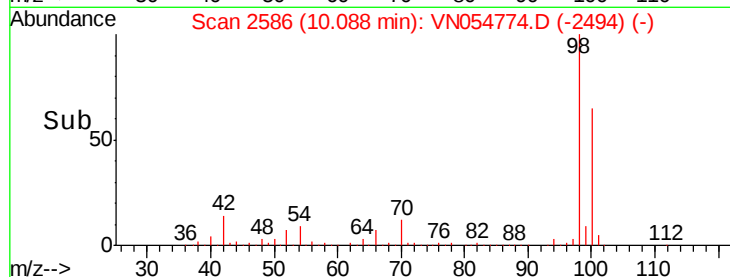
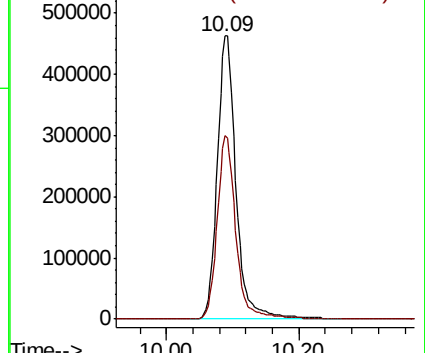
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.040 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054774.D

Acq: 29 Mar 2019 17:06

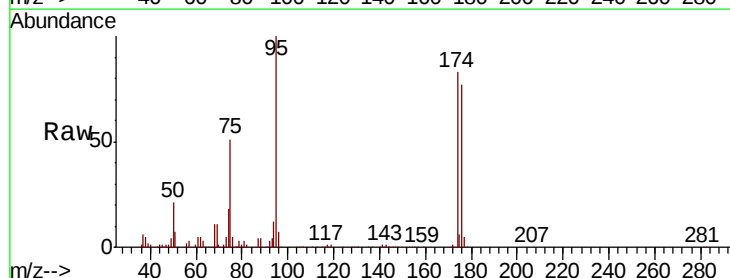
Tgt Ion: 95 Resp: 295236

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

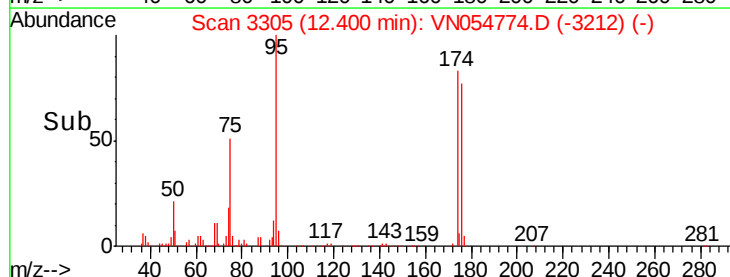
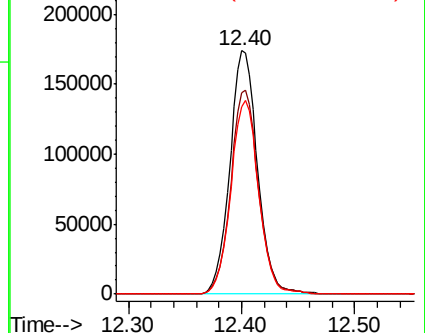
176 80.7 0.0 187.4

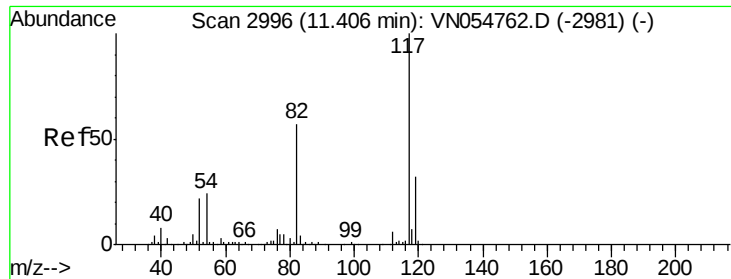


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

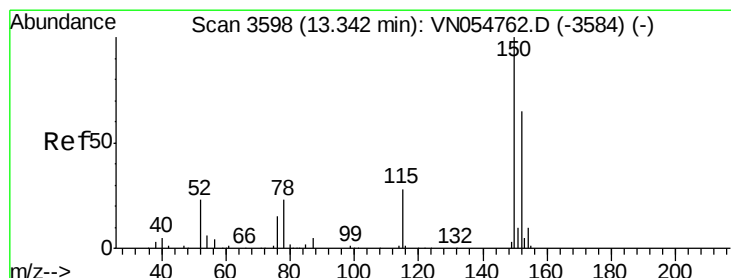
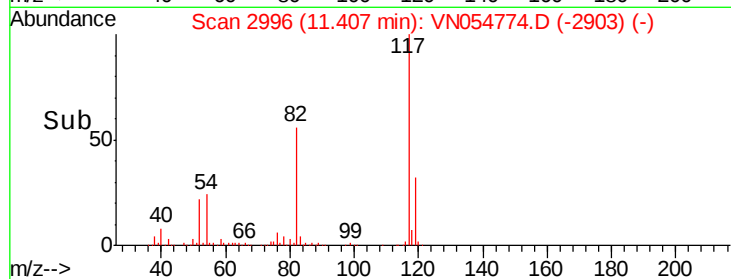
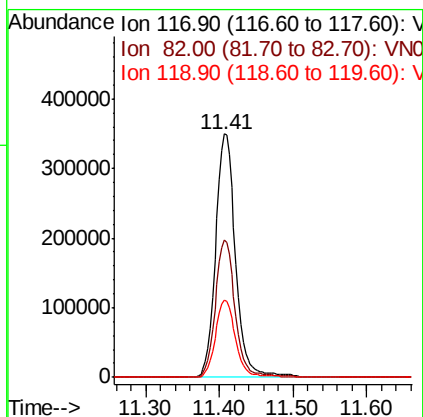
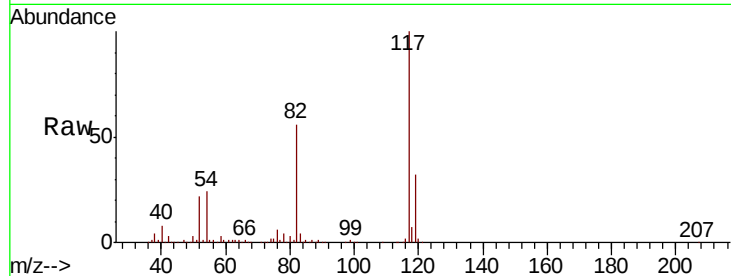




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054774.D
Acq: 29 Mar 2019 17:06

Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion:117 Resp: 653339
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054774.D
Acq: 29 Mar 2019 17:06

Tgt Ion:152 Resp: 265014
Ion Ratio Lower Upper
152 100
115 57.9 27.2 81.6
150 156.8 0.0 349.2

