

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122418\
 Data File : VN053179.D
 Acq On : 24 Dec 2018 12:33
 Operator : MD\SY
 Sample : J6426-16MEDL 400X
 Misc : 5.60g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013C-3036-01MEDL

Quant Time: Dec 26 11:27:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

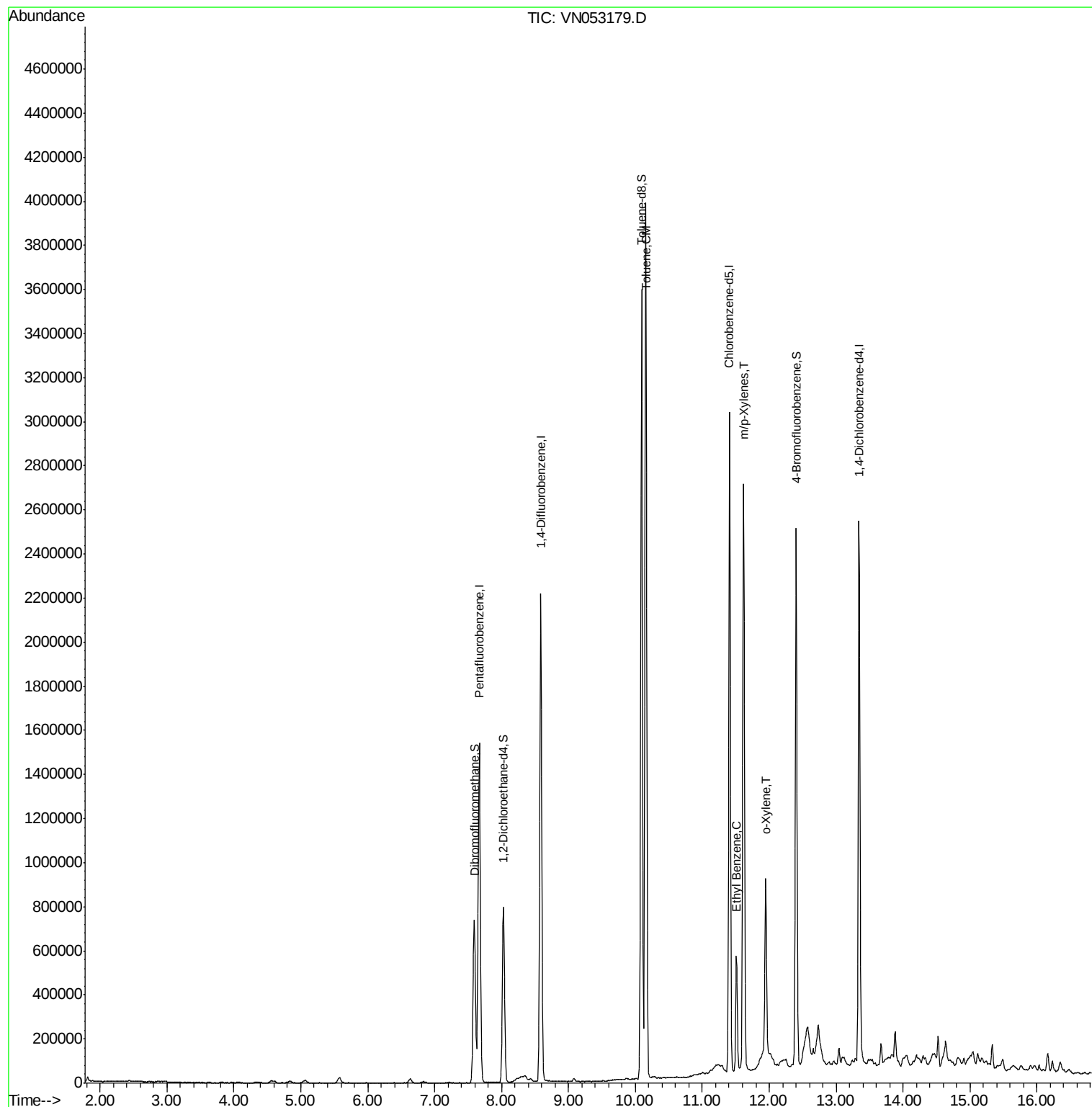
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1363203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2081299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1828334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	707170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	659859	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.59	113	564962	59.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.84%	
50) Toluene-d8	10.09	98	2558932	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	812767	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
52) Toluene	10.16	92	1778812	48.297	ug/l	100
67) Ethyl Benzene	11.51	91	385767	5.535	ug/l	99
68) m/p-Xylenes	11.62	106	851912	32.152	ug/l	100
69) o-Xylene	11.95	106	221516	8.712	ug/l	98

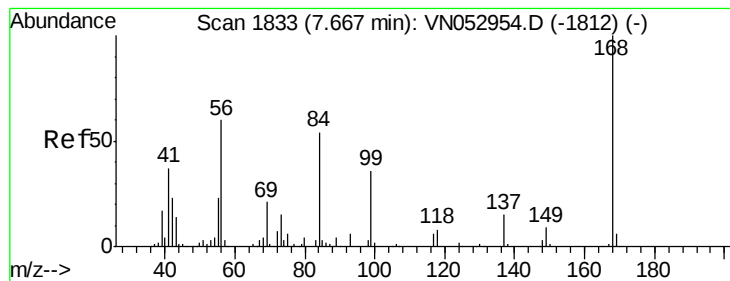
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122418\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053179.D

Acq: 24 Dec 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

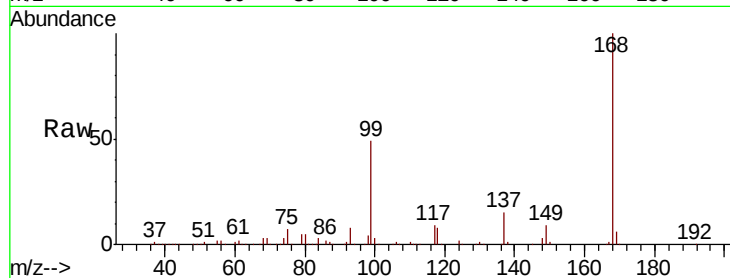
P001-SS013C-3036-01MEDL

Tot Ion:168 Resp: 1363203

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

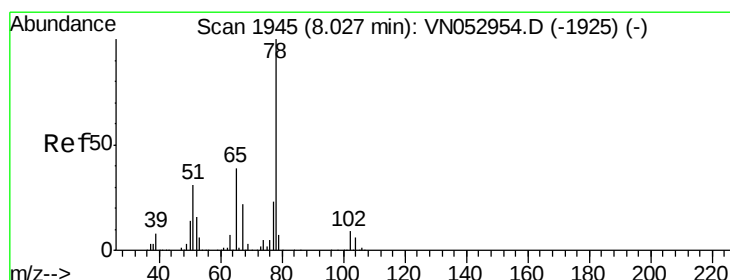
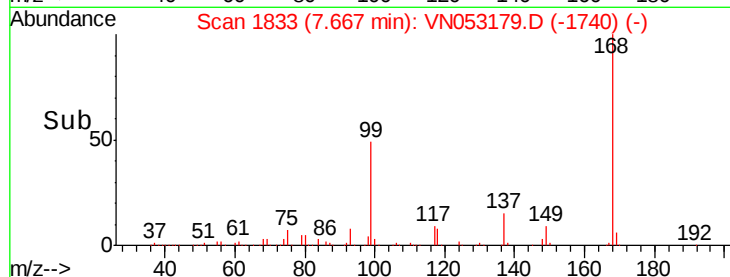
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053179.D

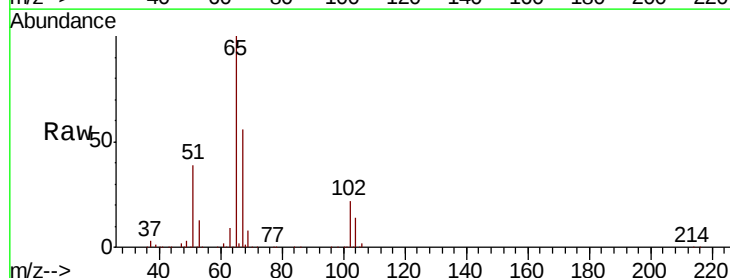
Acq: 24 Dec 2018 12:33

Tgt Ion: 65 Resp: 659859

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

300000

250000

200000

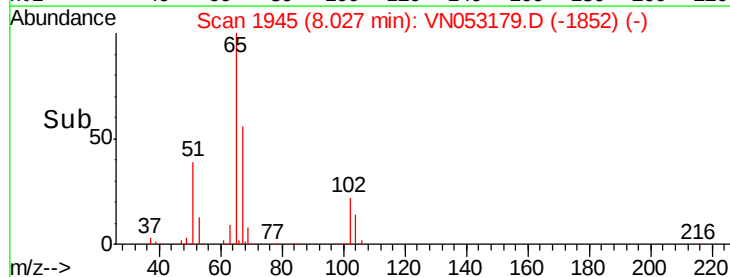
150000

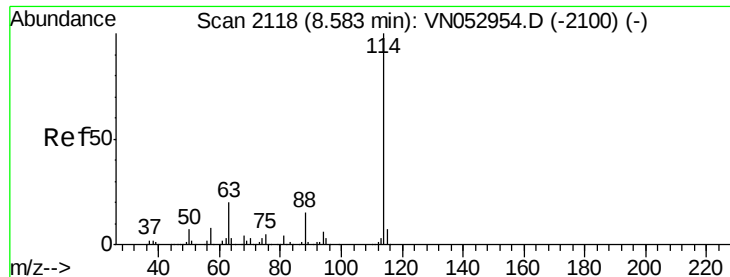
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

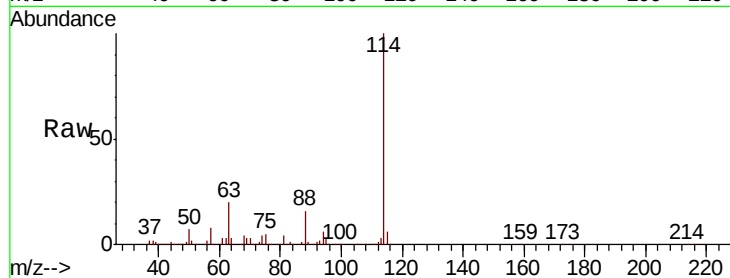




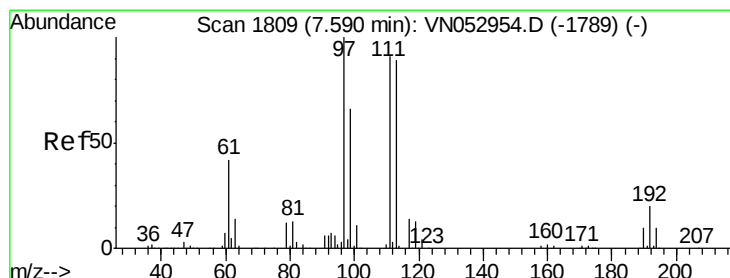
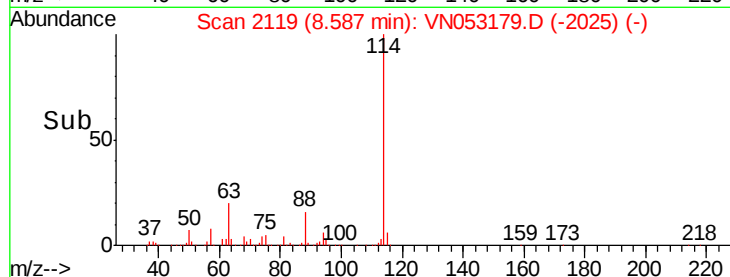
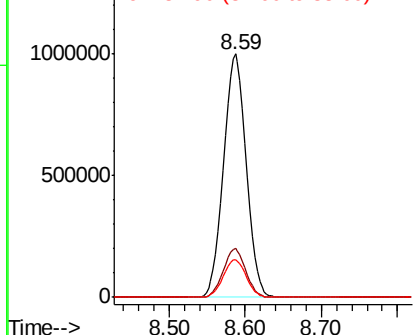
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053179.D
 Acq: 24 Dec 2018 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013C-3036-01MEDL

Tot Ion:114 Resp: 2081299
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.7 0.0 31.0

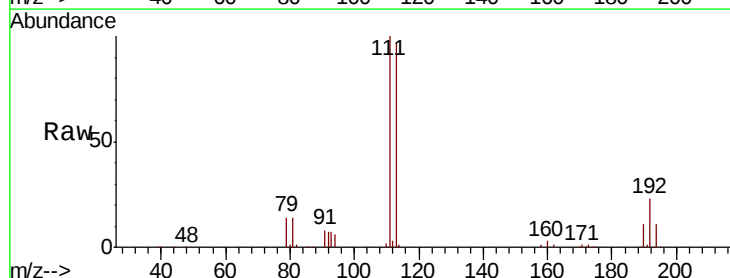


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

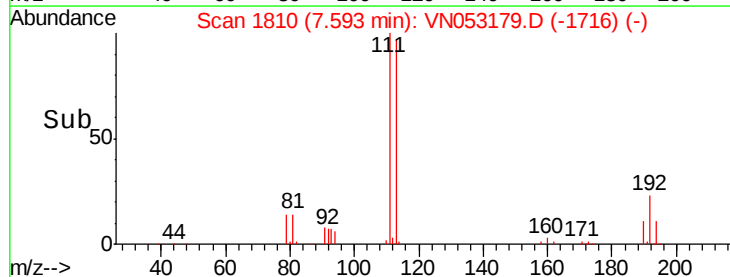
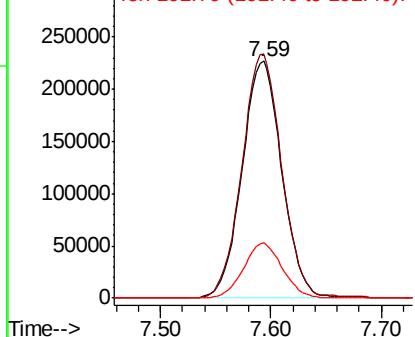


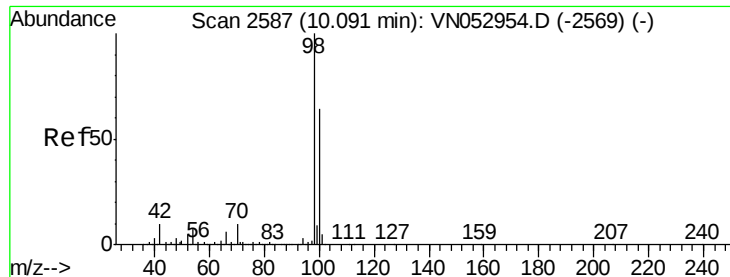
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053179.D
 Acq: 24 Dec 2018 12:33

Tgt Ion:113 Resp: 564962
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 22.9 17.5 26.3



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053179.D

Acq: 24 Dec 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

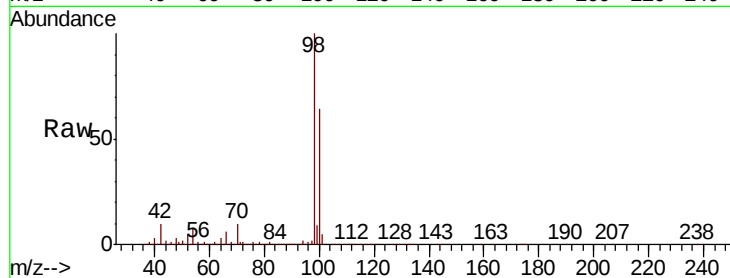
P001-SS013C-3036-01MEDL

Tot Ion: 98 Resp: 2558932

Ion Ratio Lower Upper

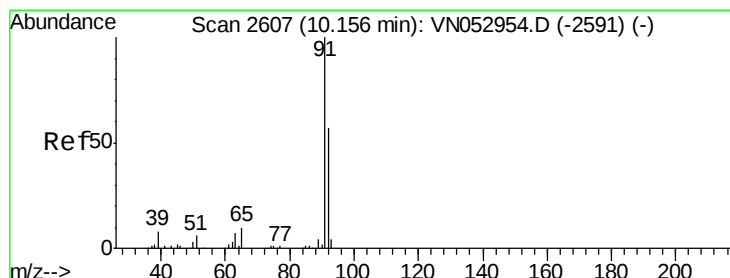
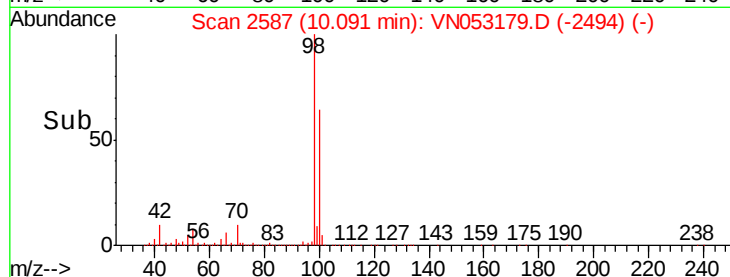
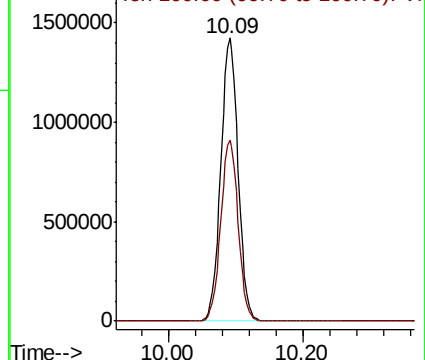
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 48.297 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053179.D

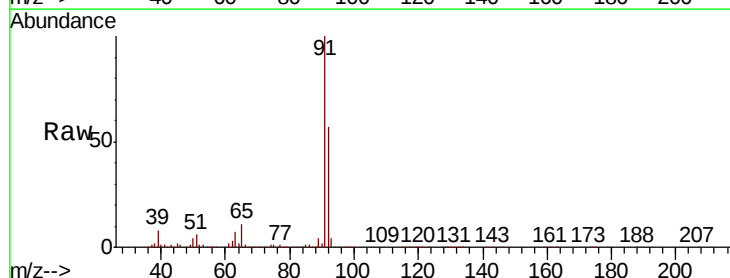
Acq: 24 Dec 2018 12:33

Tgt Ion: 92 Resp: 1778812

Ion Ratio Lower Upper

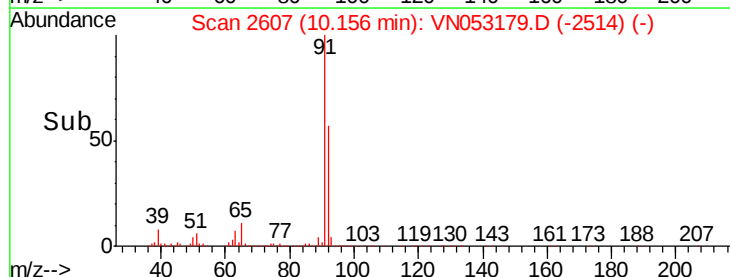
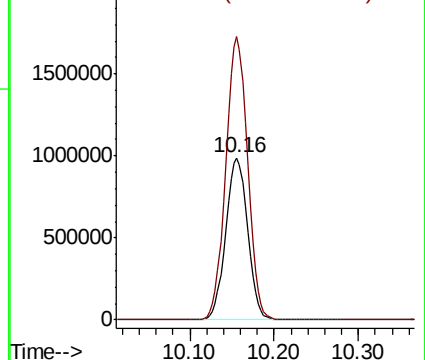
92 100

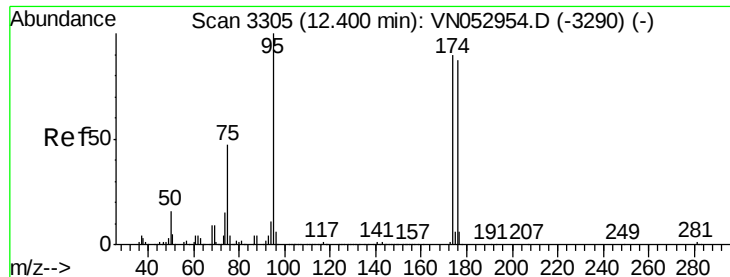
91 174.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053179.D

Acq: 24 Dec 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013C-3036-01MEDL

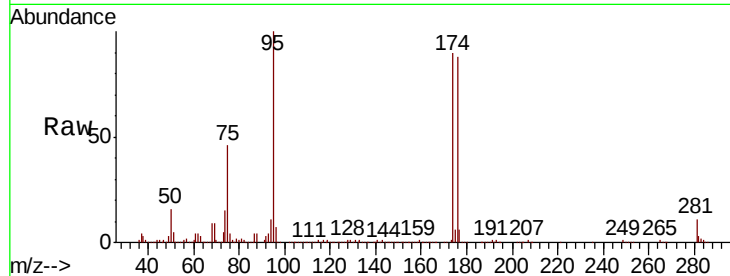
Tot Ion: 95 Resp: 812767

Ion Ratio Lower Upper

95 100

174 88.6 0.0 178.8

176 86.9 0.0 173.8

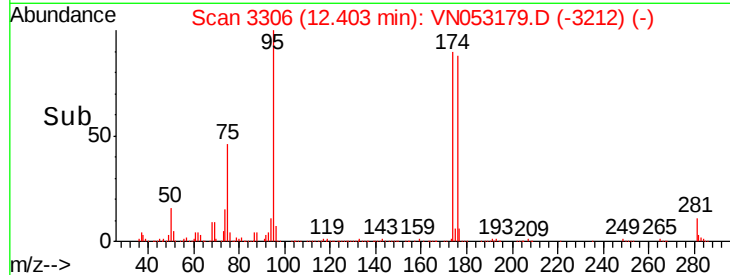


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

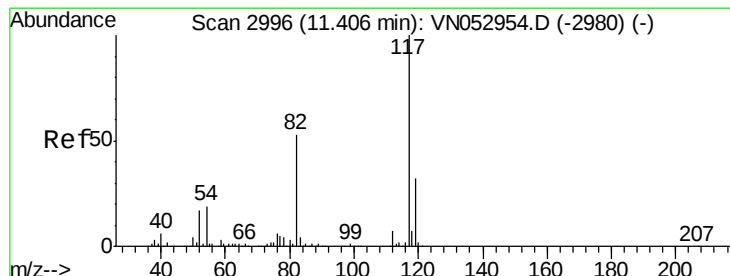
Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053179.D

Acq: 24 Dec 2018 12:33

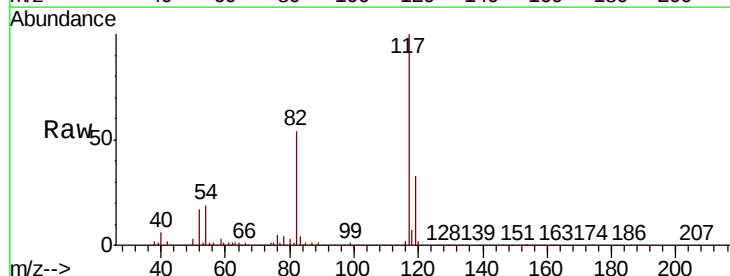
Tgt Ion: 117 Resp: 1828334

Ion Ratio Lower Upper

117 100

82 54.3 42.8 64.2

119 32.5 25.5 38.3

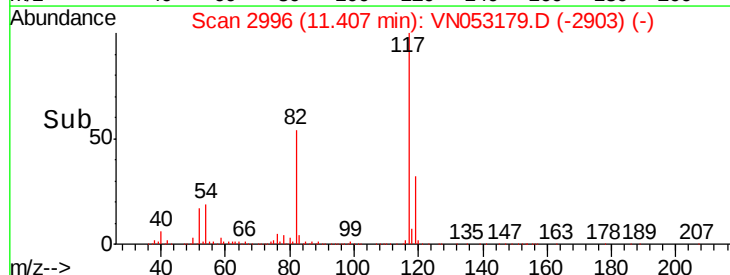


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

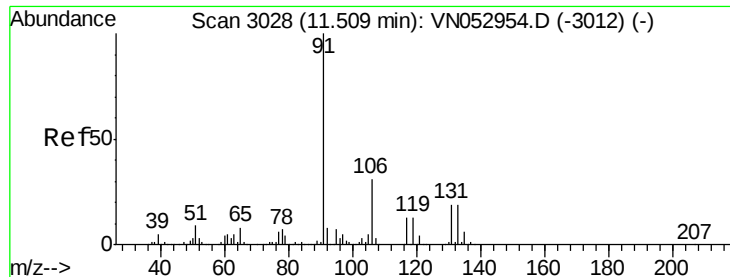
Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

Time-->



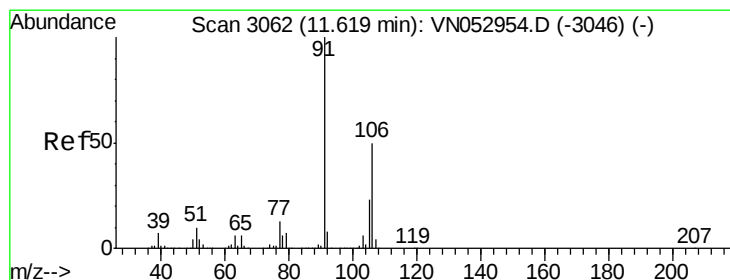
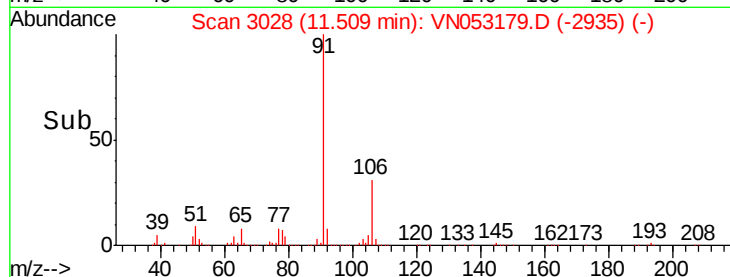
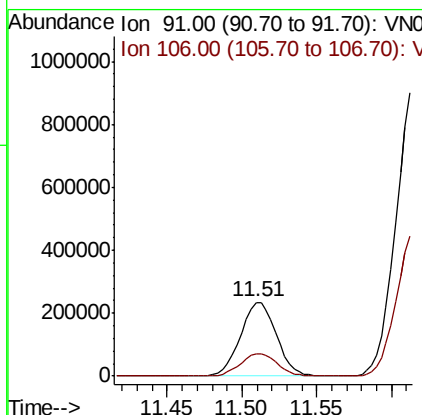
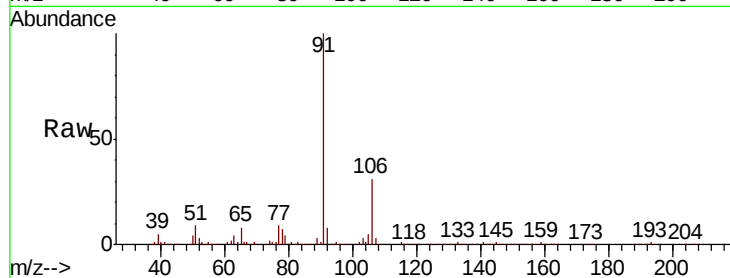
Time-->



#67
Ethyl Benzene
Concen: 5.535 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053179.D
Acq: 24 Dec 2018 12:33

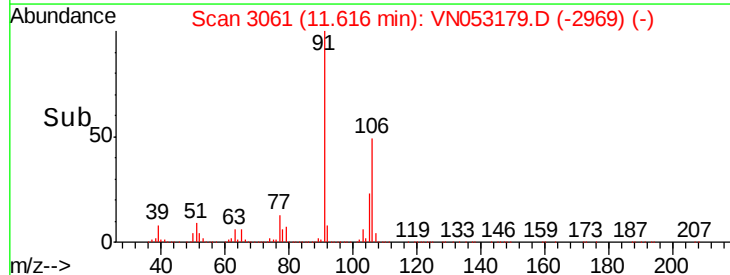
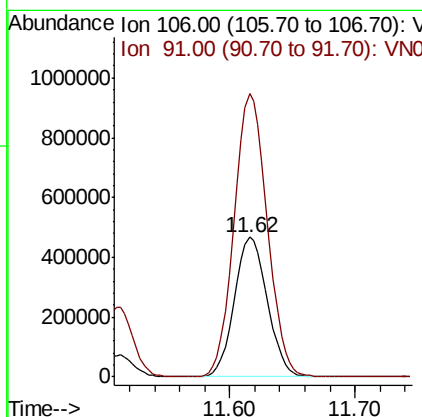
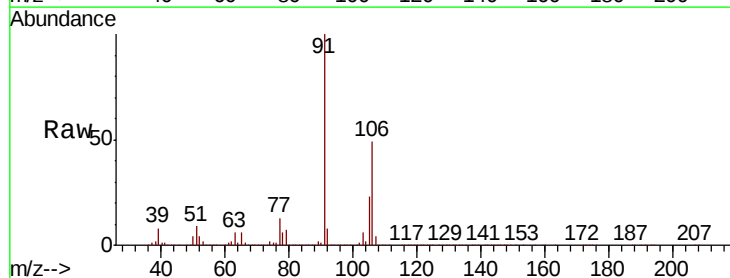
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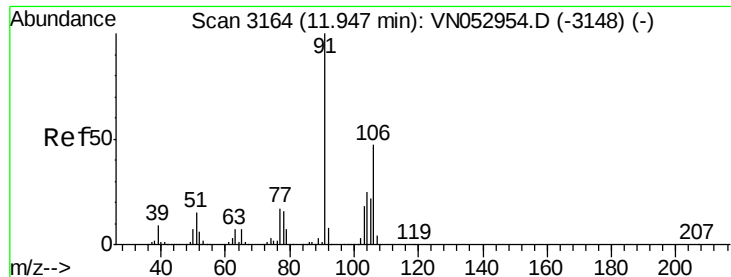
Tot Ion: 91 Resp: 385767
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 32.152 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053179.D
Acq: 24 Dec 2018 12:33

Tgt Ion: 106 Resp: 851912
Ion Ratio Lower Upper
106 100
91 203.0 162.2 243.4

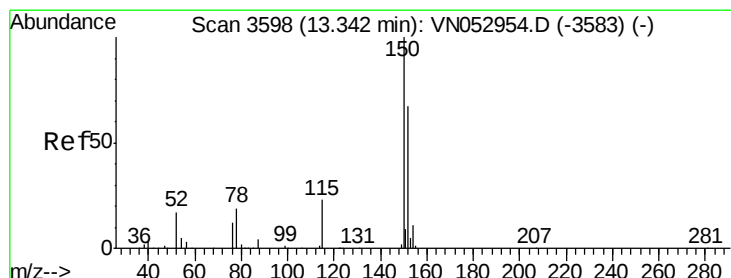
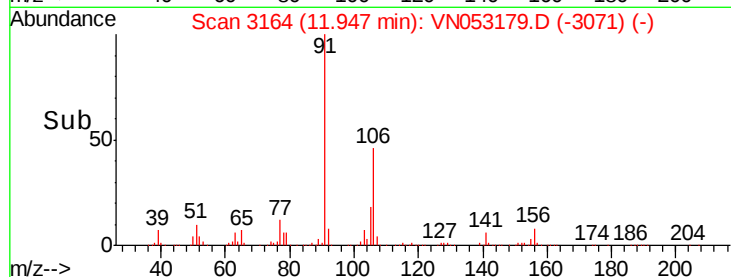
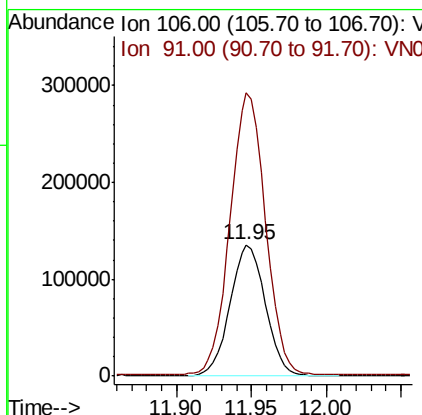
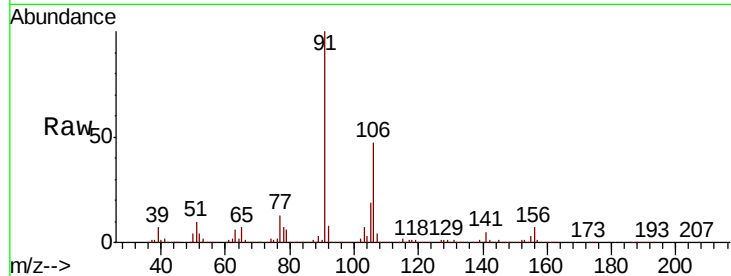




#69
o-Xylene
Concen: 8.712 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053179.D
Acq: 24 Dec 2018 12:33

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013C-3036-01MEDL

Tot Ion:106 Resp: 221516
Ion Ratio Lower Upper
106 100
91 216.2 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053179.D
Acq: 24 Dec 2018 12:33

Tgt Ion:152 Resp: 707170
Ion Ratio Lower Upper
152 100
115 57.2 28.3 85.0
150 155.4 0.0 347.8

