

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053132.D
 Acq On : 22 Dec 2018 14:58
 Operator : MD\SY
 Sample : J6389-08MEDL 100X
 Misc : 5.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-1824-01MEDL

Quant Time: Dec 24 09:40:08 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

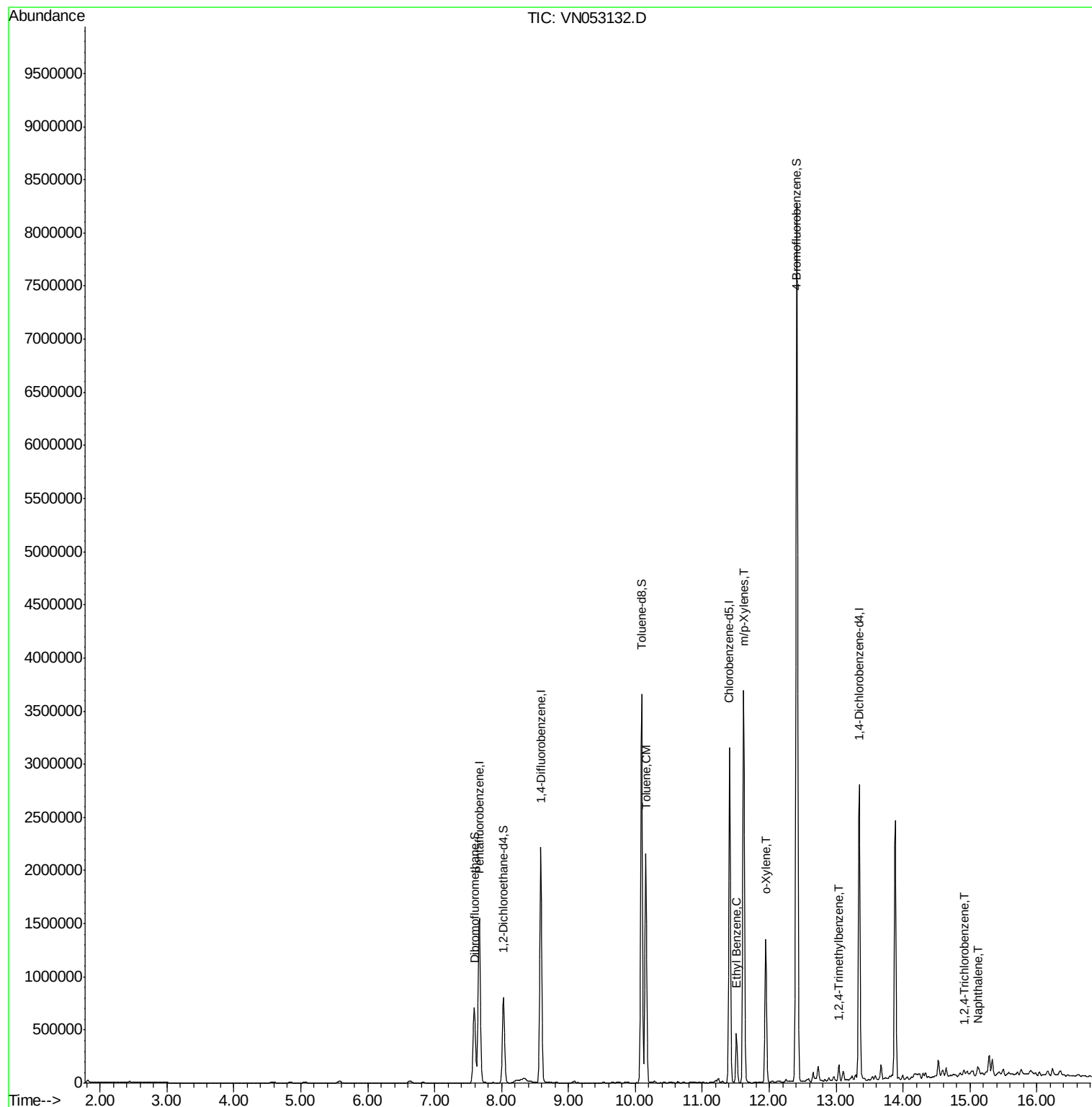
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1373547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2085997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1939563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	797357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	654712	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.59	113	550093	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
50) Toluene-d8	10.09	98	2601947	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	903085	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
52) Toluene	10.16	92	956600	25.914	ug/l	100
67) Ethyl Benzene	11.51	91	349386	4.725	ug/l	100
68) m/p-Xylenes	11.62	106	1180159	41.986	ug/l	100
69) o-Xylene	11.95	106	387037	14.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	89732	1.755	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	16709	1.750	ug/l #	90
95) Naphthalene	15.14	128	37092	2.303	ug/l #	95

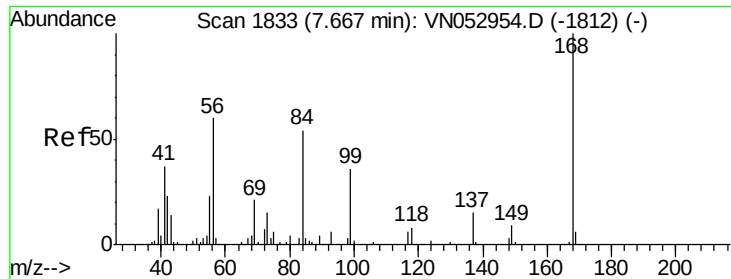
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053132.D
Acq On : 22 Dec 2018 14:58
Operator : MD\SY
Sample : J6389-08MEDL 100X
Misc : 5.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-1824-01MEDL

Quant Time: Dec 24 09:40:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

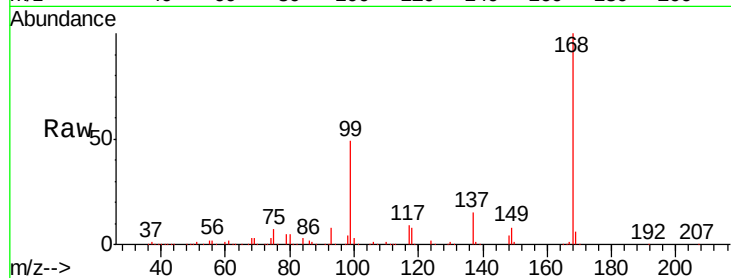
P001-SS013-1824-01MEDL

Tgt Ion:168 Resp: 1373547

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053132.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053132.D (-1740) (-)

7.67

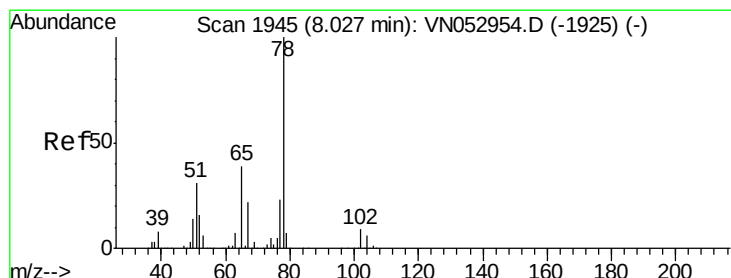
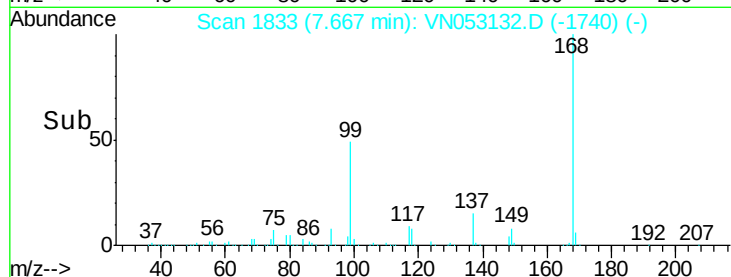
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053132.D

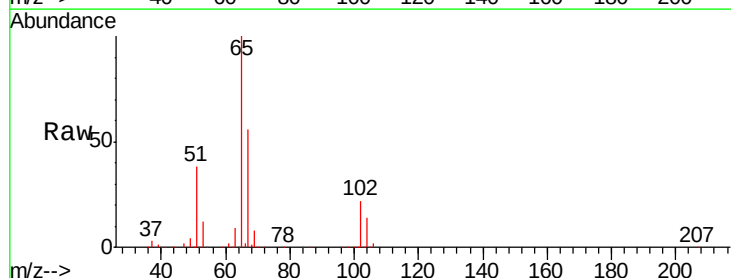
Acq: 22 Dec 2018 14:58

Tgt Ion: 65 Resp: 654712

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053132.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053132.D (-1852) (-)

8.03

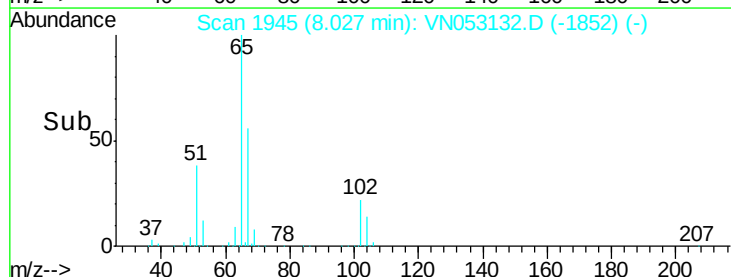
300000

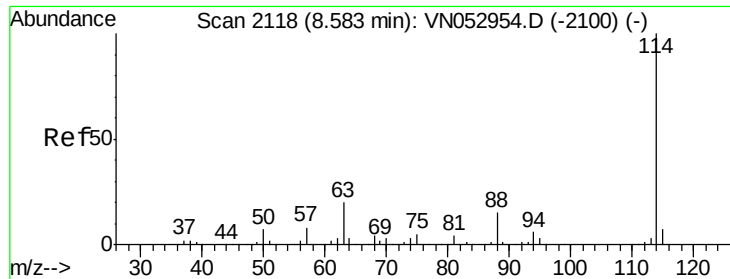
200000

100000

0

Time-->

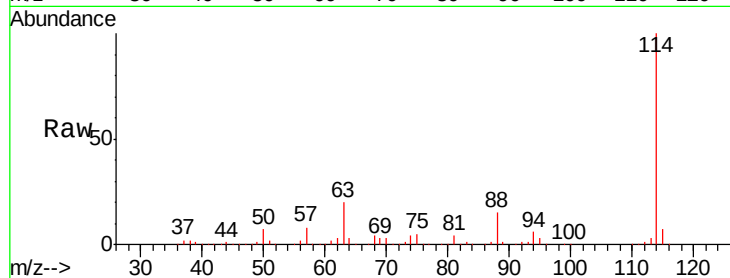




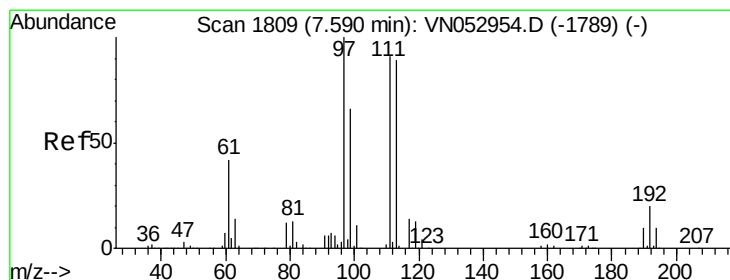
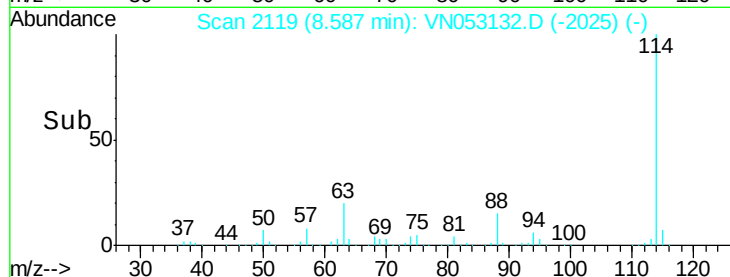
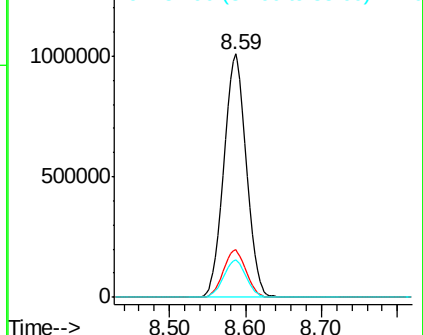
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053132.D
 Acq: 22 Dec 2018 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-1824-01MEDL

Tgt Ion:114 Resp: 2085997
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.2 0.0 31.0

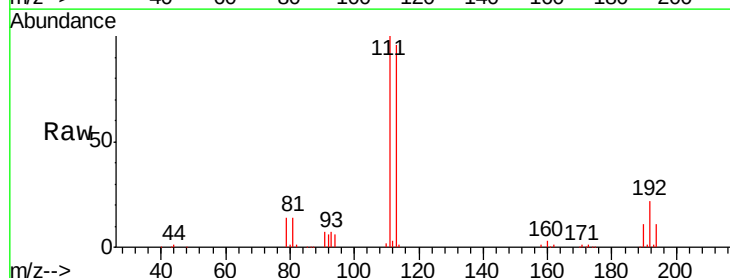


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

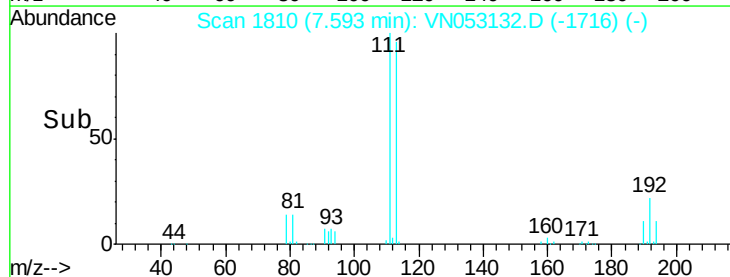
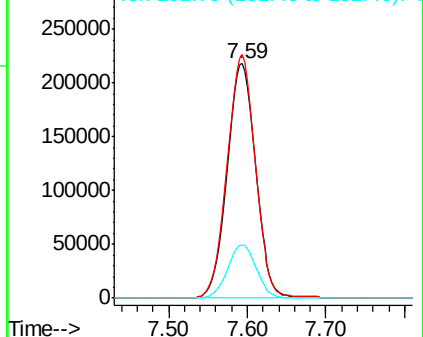


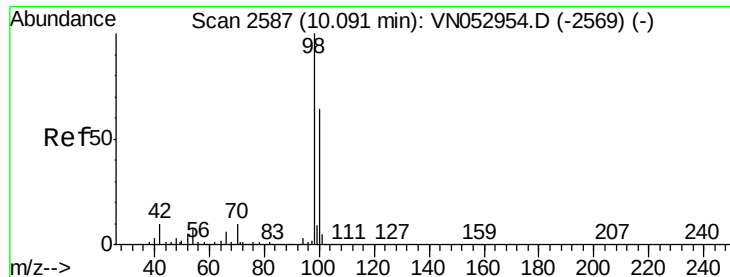
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053132.D
 Acq: 22 Dec 2018 14:58

Tgt Ion:113 Resp: 550093
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 22.7 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: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

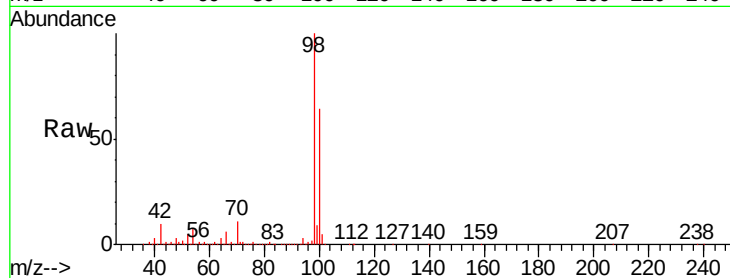
P001-SS013-1824-01MEDL

Tgt Ion: 98 Resp: 2601947

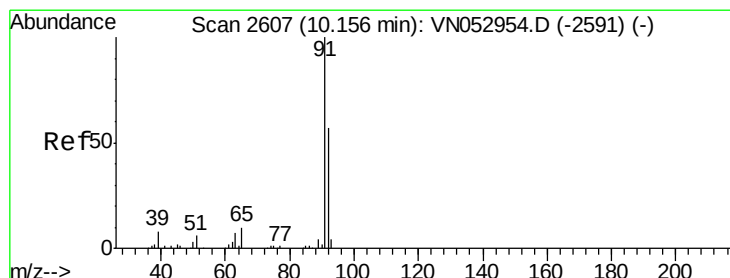
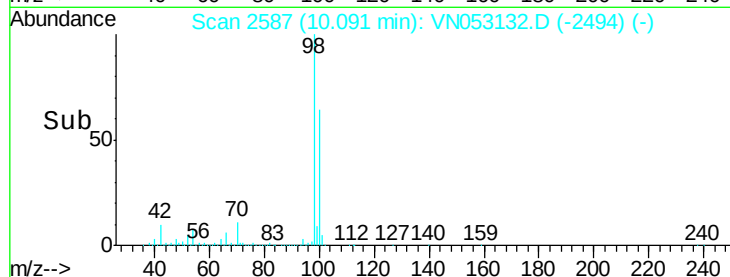
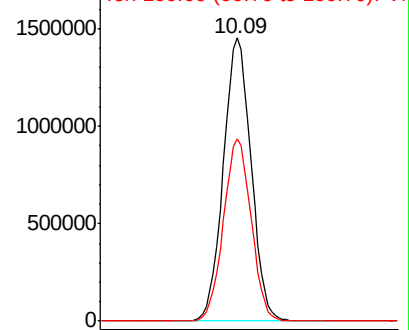
Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053132.D (-2494) (-)



#52

Toluene

Concen: 25.914 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053132.D

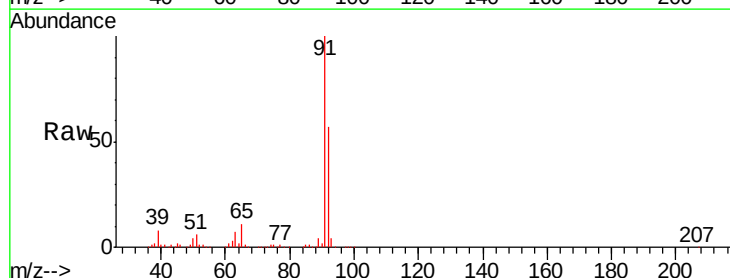
Acq: 22 Dec 2018 14:58

Tgt Ion: 92 Resp: 956600

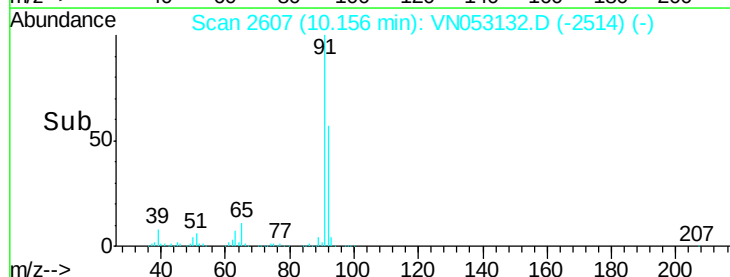
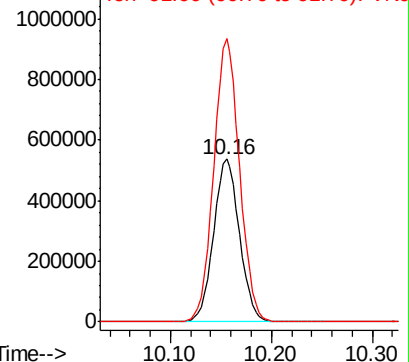
Ion Ratio Lower Upper

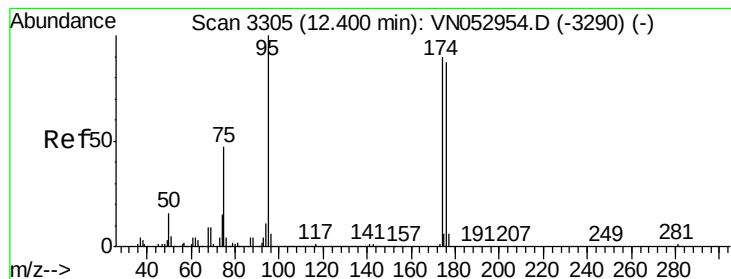
92 100

91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN053132.D (-2514) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-1824-01MEDL

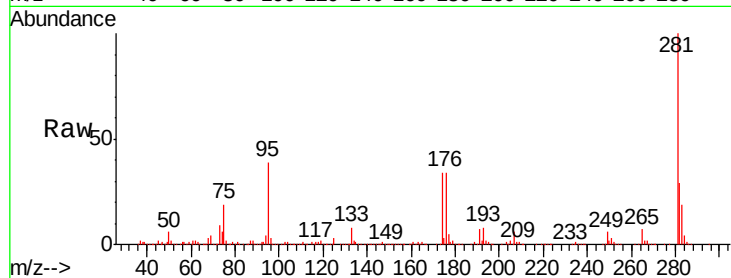
Tgt Ion: 95 Resp: 903085

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.8

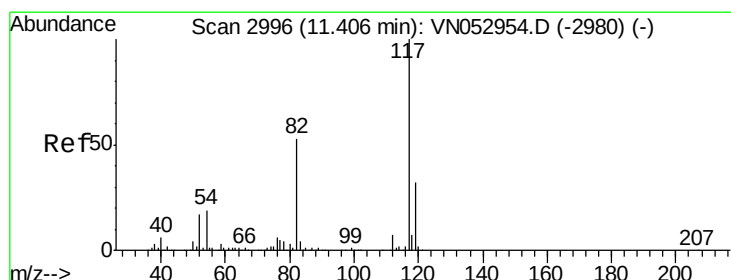
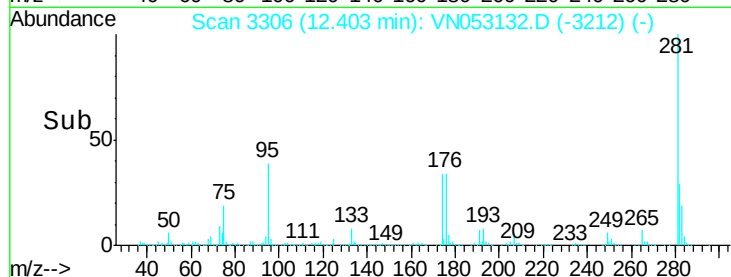
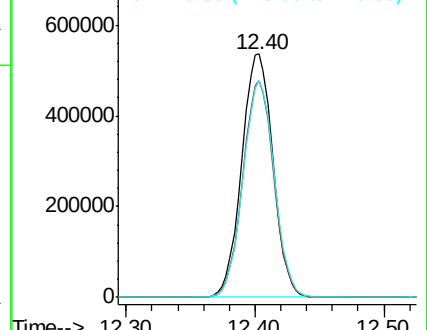
176 88.7 0.0 173.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

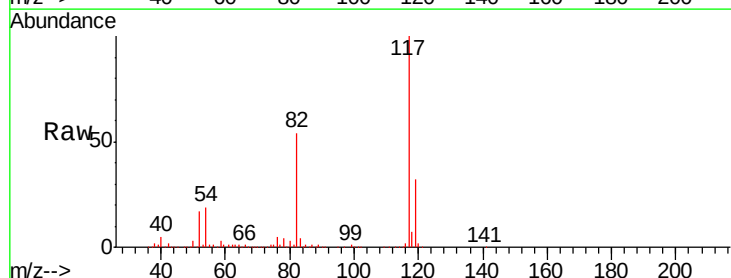
Tgt Ion: 117 Resp: 1939563

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

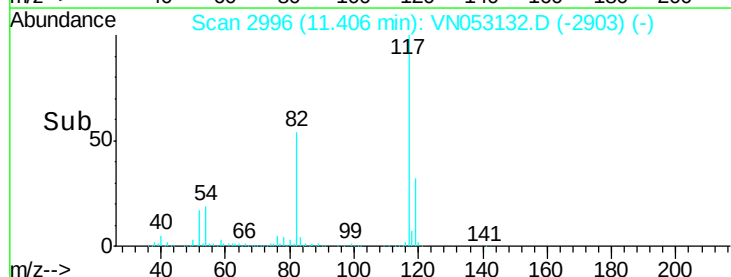
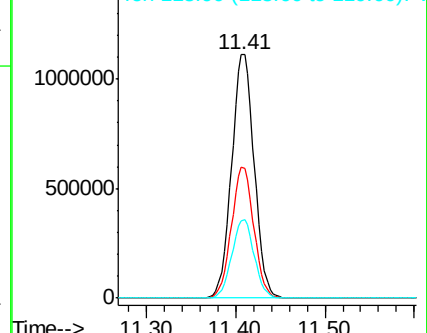
119 31.8 25.5 38.3

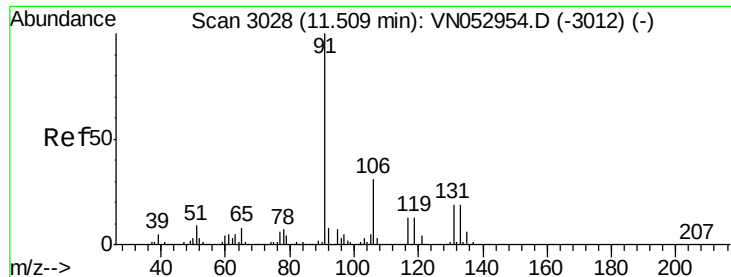


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

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

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





#67

Ethyl Benzene

Concen: 4.725 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

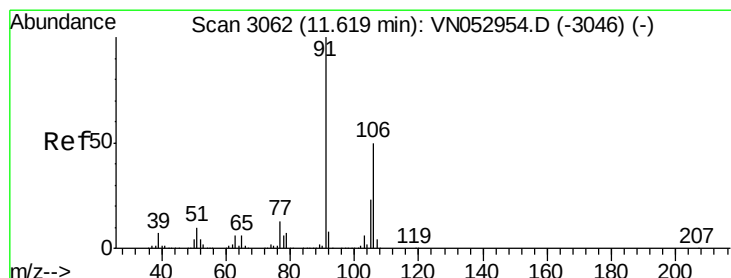
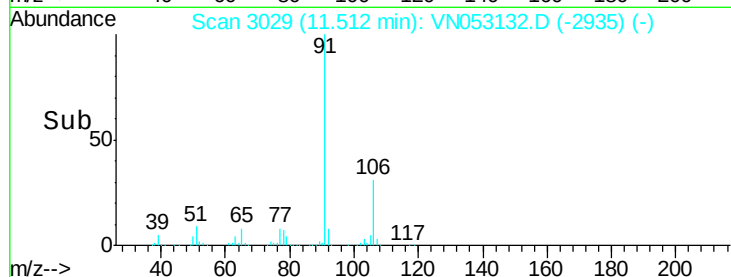
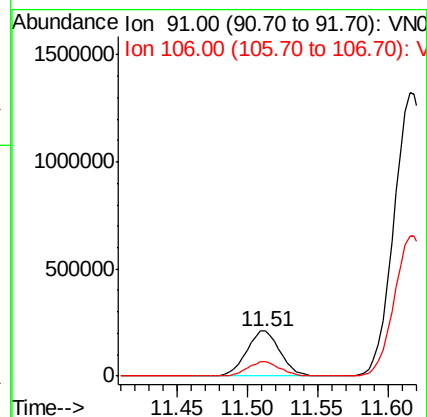
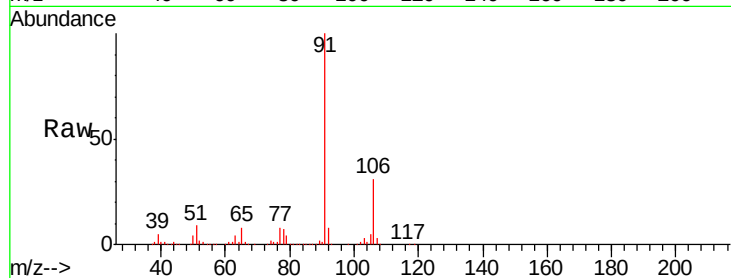
P001-SS013-1824-01MEDL

Tgt Ion: 91 Resp: 349386

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 41.986 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN053132.D

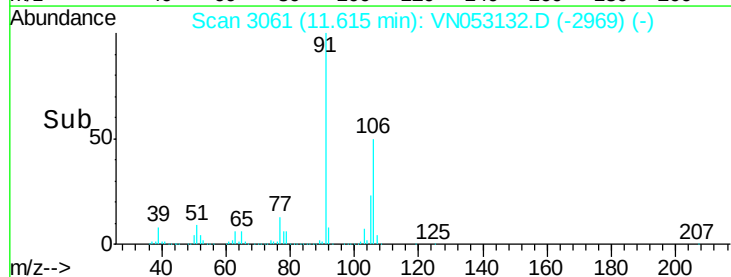
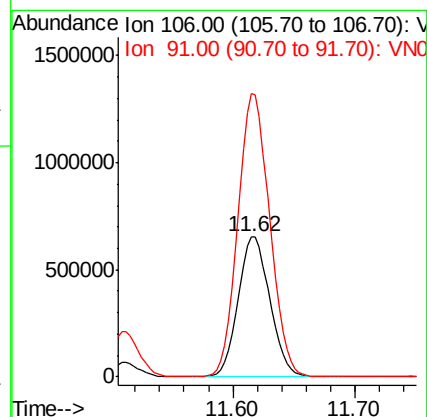
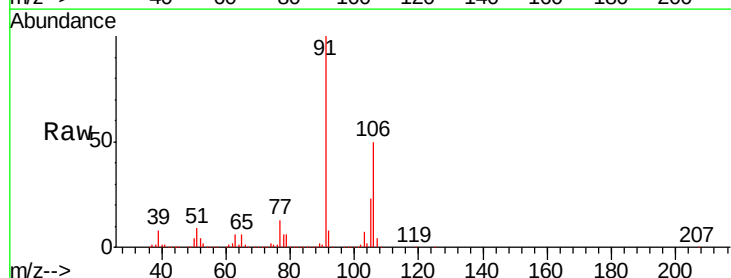
Acq: 22 Dec 2018 14:58

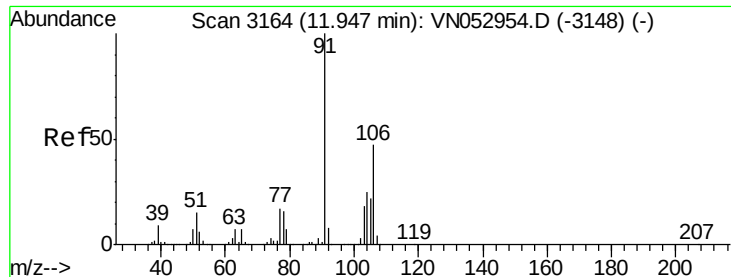
Tgt Ion: 106 Resp: 1180159

Ion Ratio Lower Upper

106 100

91 202.4 162.2 243.4

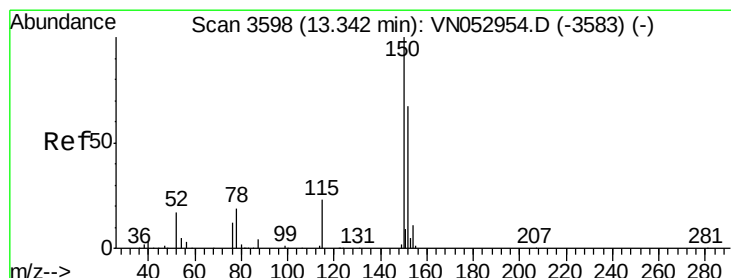
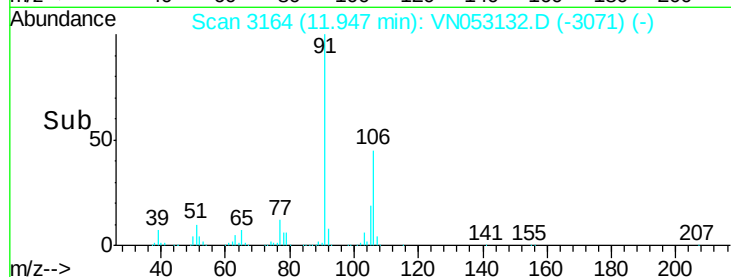
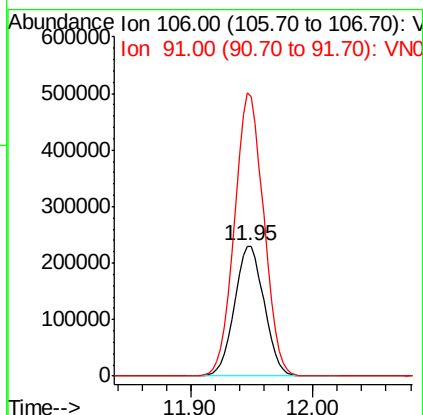
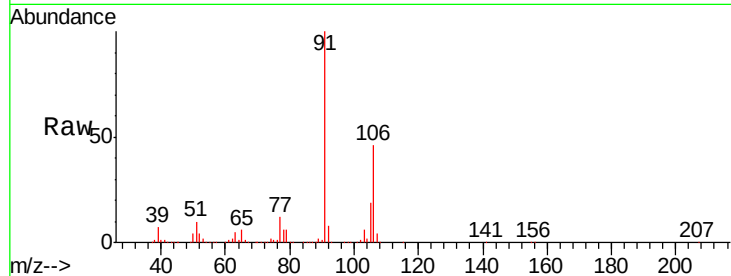




#69
o-Xylene
Concen: 14.349 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053132.D
Acq: 22 Dec 2018 14:58

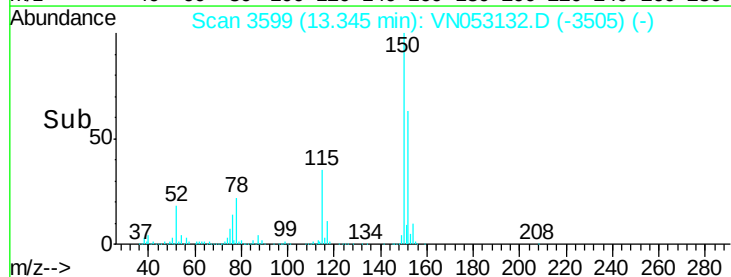
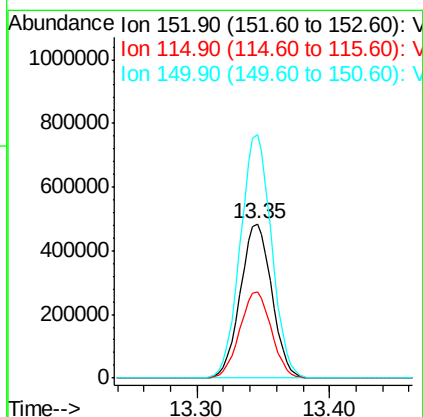
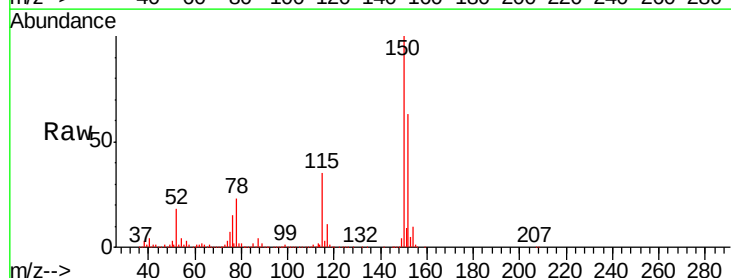
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-1824-01MEDL

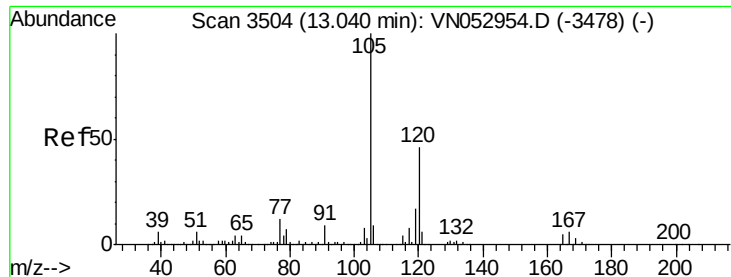
Tgt Ion:106 Resp: 387037
Ion Ratio Lower Upper
106 100
91 214.9 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053132.D
Acq: 22 Dec 2018 14:58

Tgt Ion:152 Resp: 797357
Ion Ratio Lower Upper
152 100
115 56.1 28.3 85.0
150 157.0 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 1.755 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

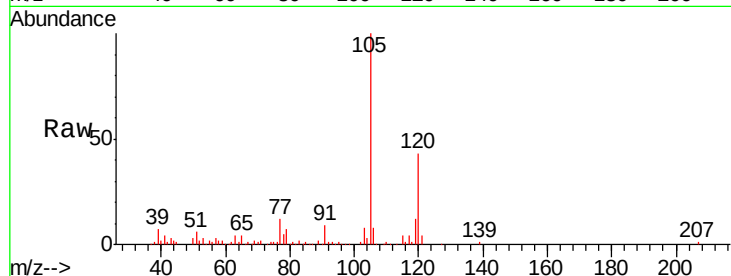
P001-SS013-1824-01MEDL

Tgt Ion:105 Resp: 89732

Ion Ratio Lower Upper

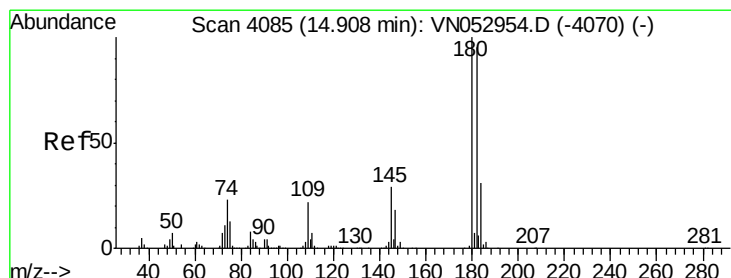
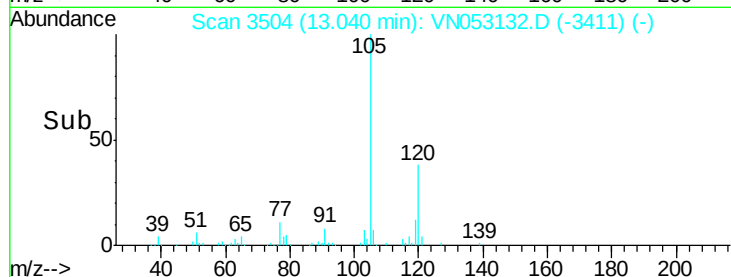
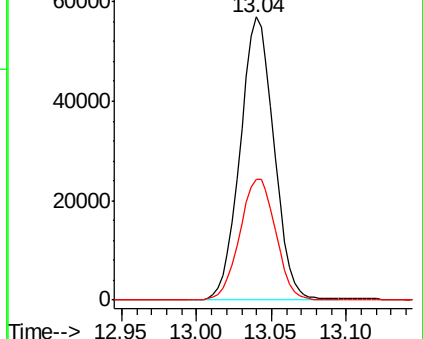
105 100

120 45.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 1.750 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

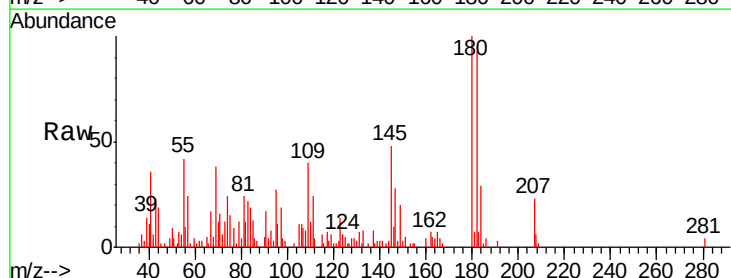
Tgt Ion:180 Resp: 16709

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

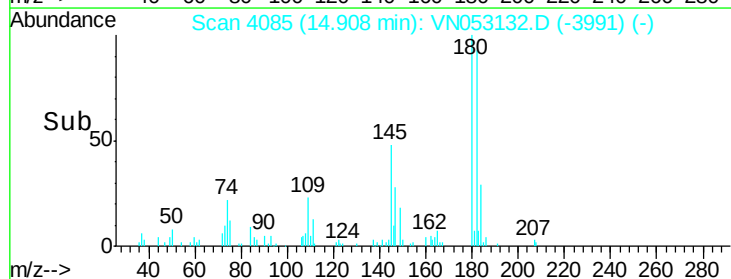
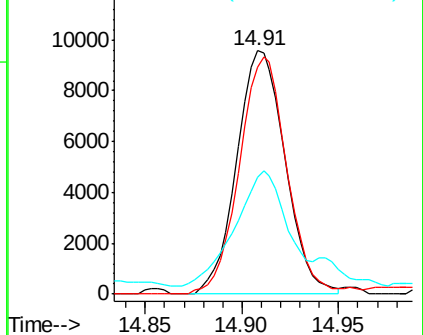
145 51.0 14.2 42.6#

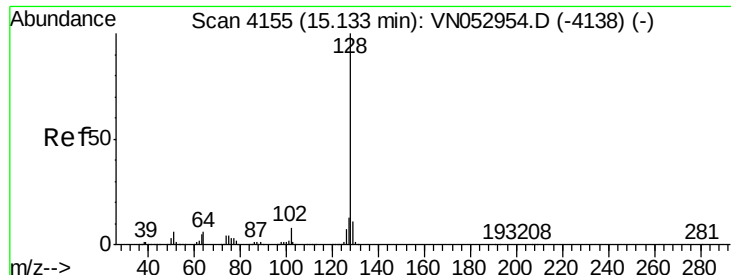


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.303 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053132.D

Acq: 22 Dec 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-1824-01MEDL

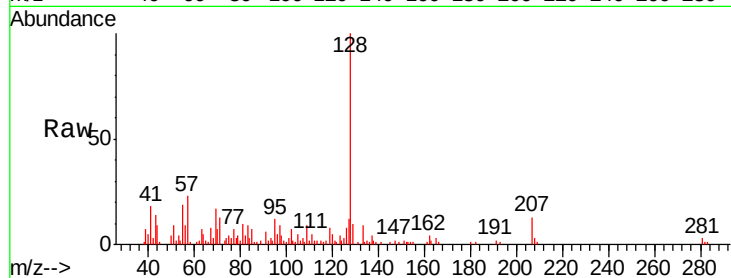
Tgt Ion:128 Resp: 37092

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.4#

129 11.2 8.6 13.0



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

