

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122118\
 Data File : VN053108.D
 Acq On : 21 Dec 2018 18:01
 Operator : MD\SY
 Sample : J6389-08ME 10X
 Misc : 5.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 28

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

Quant Time: Jan 04 03:09:22 2019
 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	1372870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2093879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1949244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	806778	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	671311	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.36%		
35) Dibromofluoromethane	7.59	113	533937	55.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.64%		
50) Toluene-d8	10.09	98	2609684	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.64%		
62) 4-Bromofluorobenzene	12.40	95	900441	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.90%		

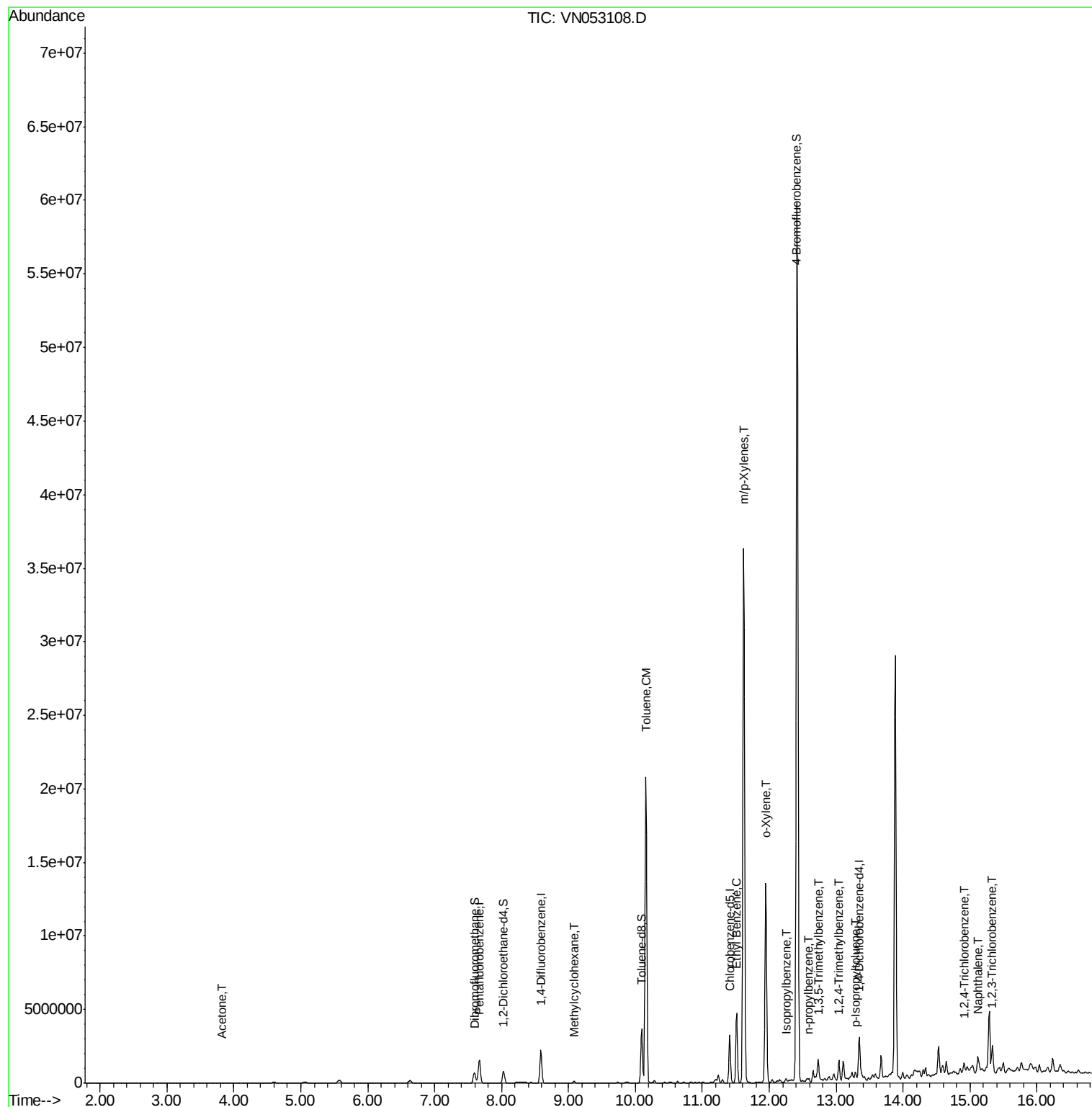
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	14330	5.246	ug/l	93
39) Methylcyclohexane	9.08	83	51230	2.098	ug/l	97
52) Toluene	10.16	92	9501325	256.423	ug/l	97
67) Ethyl Benzene	11.51	91	3551026	47.788	ug/l	100
68) m/p-Xylenes	11.62	106	11767155	416.553	ug/l #	1
69) o-Xylene	11.95	106	3873440	142.894	ug/l	99
73) Isopropylbenzene	12.25	105	140833	2.231	ug/l	100
78) n-propylbenzene	12.59	91	208159	2.895	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	334344	6.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	800104	15.469	ug/l	100
86) p-Isopropyltoluene	13.29	119	205135	3.857	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	208935	14.853	ug/l #	91
95) Naphthalene	15.14	128	429732	14.383	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	78711	6.483	ug/l #	45

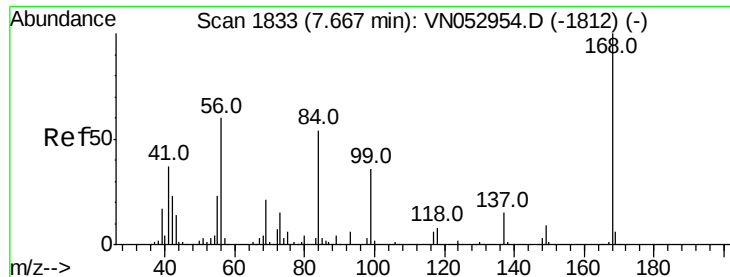
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

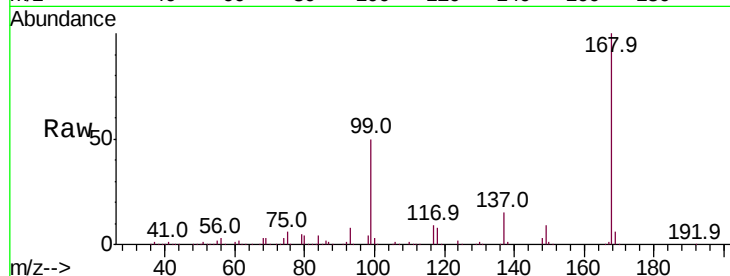
P001-SS013-1824-01ME

Tot Ion:168 Resp: 1372870

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053108.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053108.D (-1740) (-)

7.67

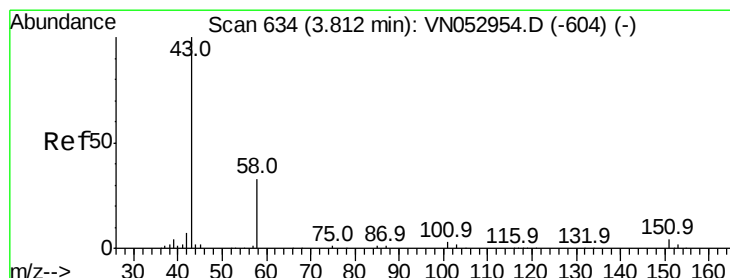
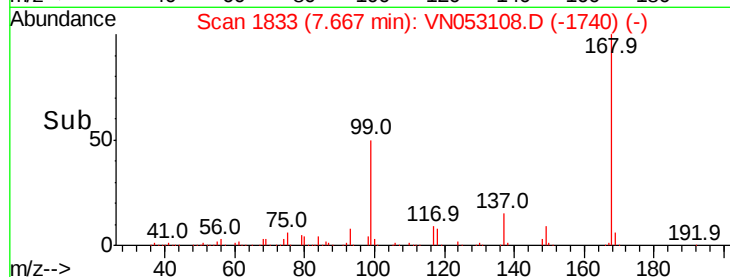
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.246 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053108.D

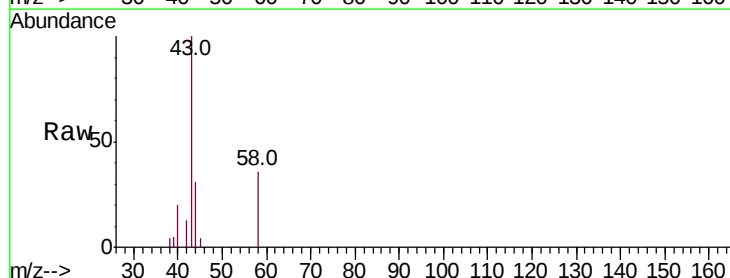
Acq: 21 Dec 2018 18:01

Tgt Ion: 43 Resp: 14330

Ion Ratio Lower Upper

43 100

58 35.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053108.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053108.D (-541) (-)

3.82

5000

4000

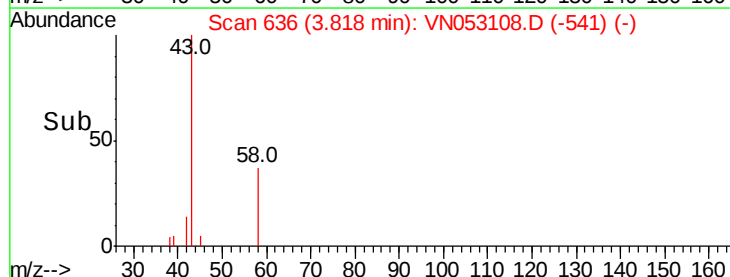
3000

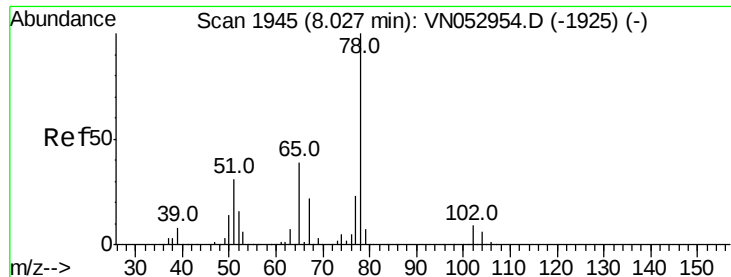
2000

1000

0

Time-->

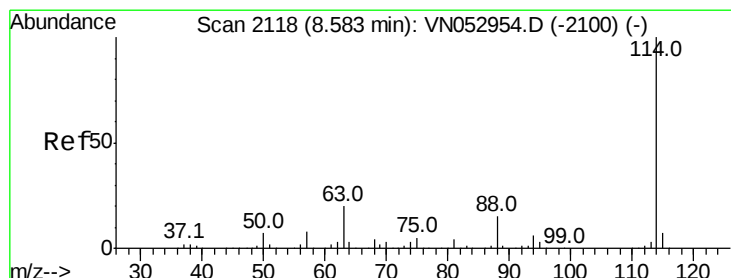
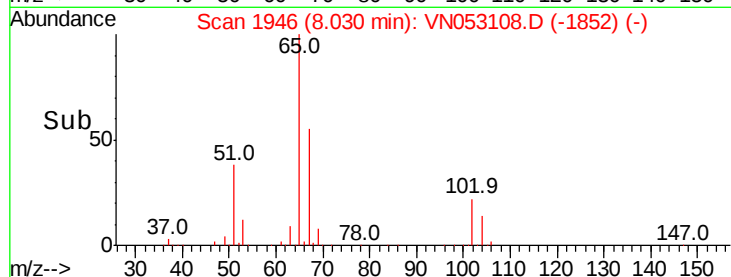
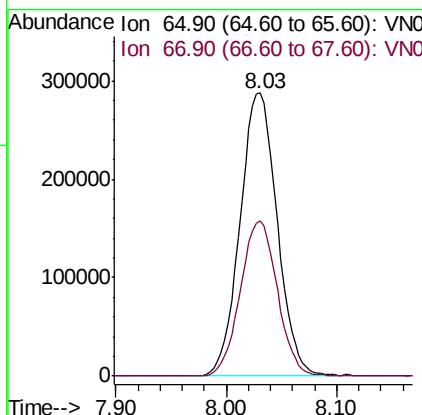
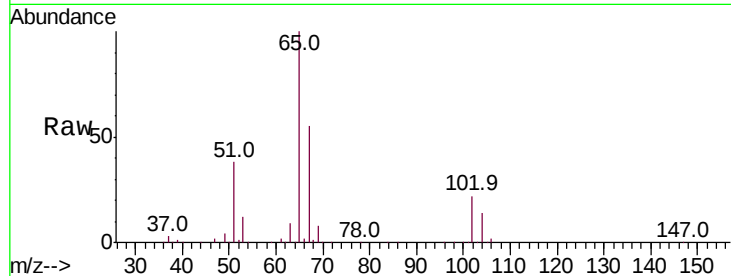




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053108.D
 Acq: 21 Dec 2018 18:01

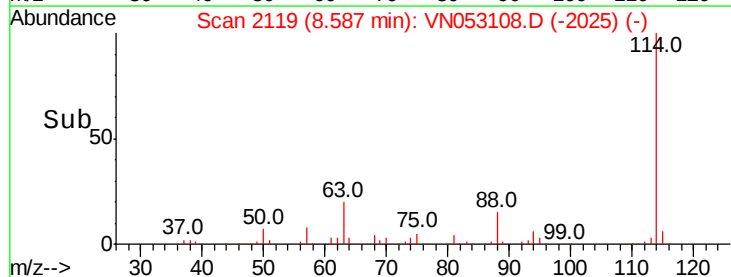
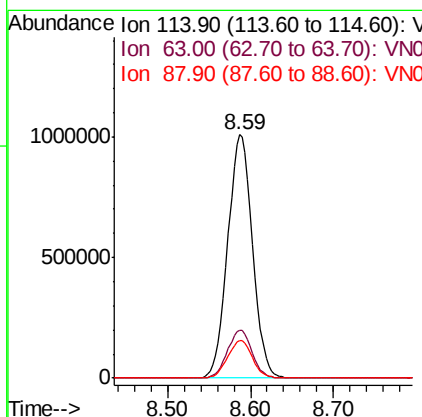
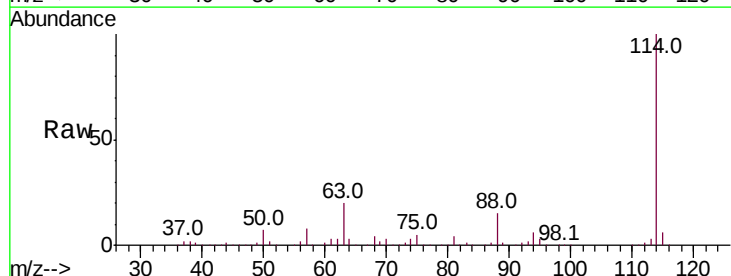
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-1824-01ME

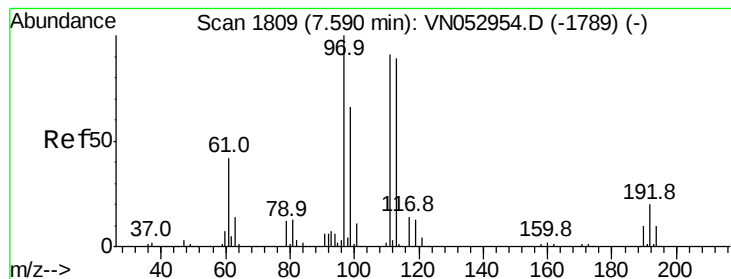
Tot Ion: 65 Resp: 671311
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053108.D
 Acq: 21 Dec 2018 18:01

Tgt Ion:114 Resp: 2093879
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-1824-01ME

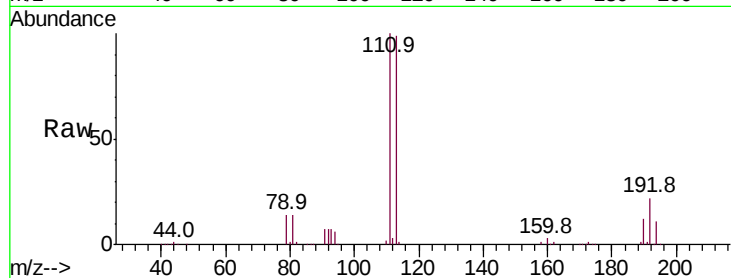
Tot Ion:113 Resp: 533937

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

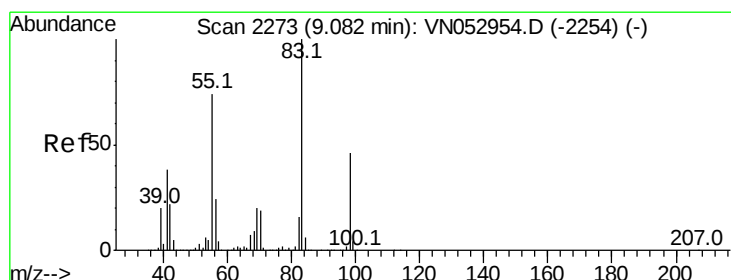
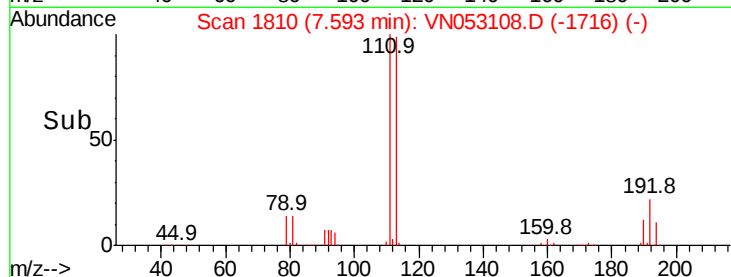
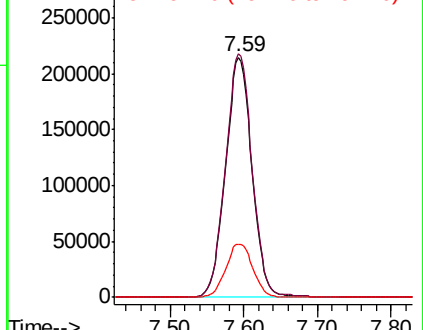
192 22.7 17.5 26.3



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



#39

Methylcyclohexane

Concen: 2.098 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

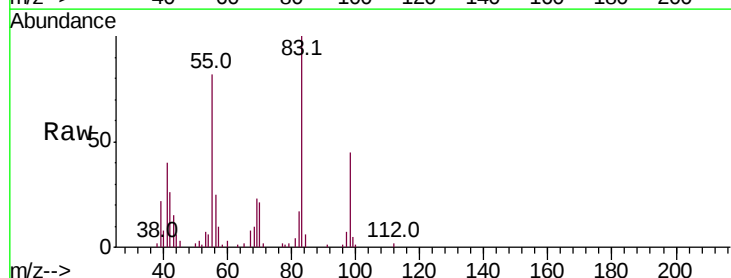
Tgt Ion: 83 Resp: 51230

Ion Ratio Lower Upper

83 100

55 80.5 61.3 91.9

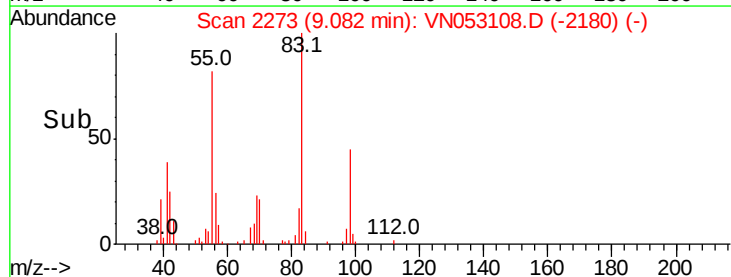
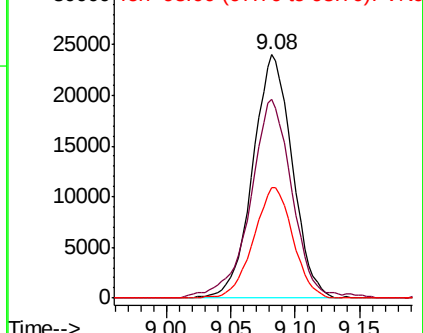
98 45.3 37.0 55.4

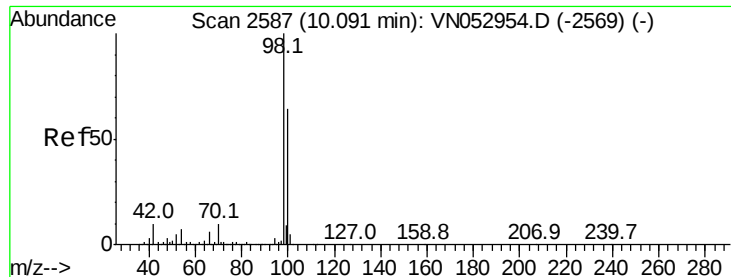


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

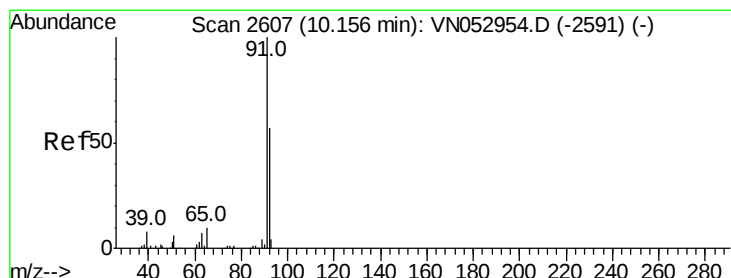
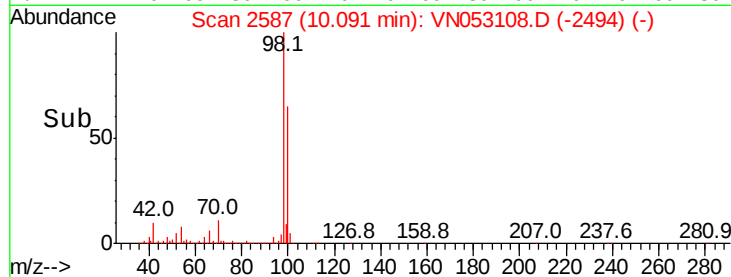
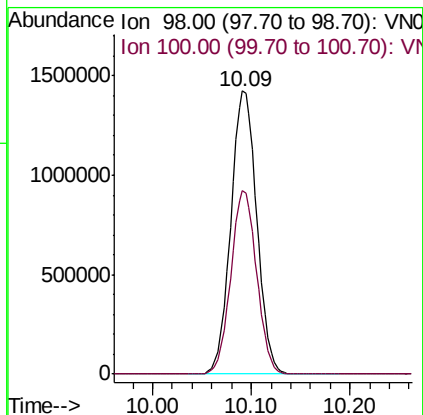
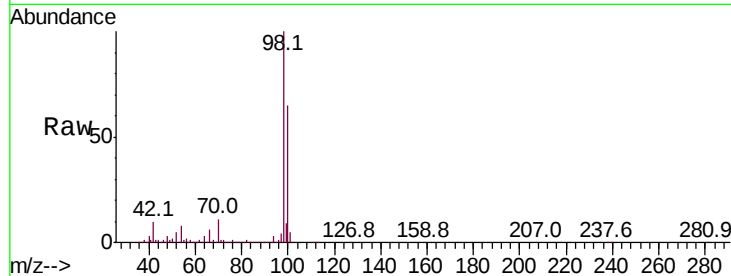
P001-SS013-1824-01ME

Tot Ion: 98 Resp: 2609684

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#52

Toluene

Concen: 256.423 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN053108.D

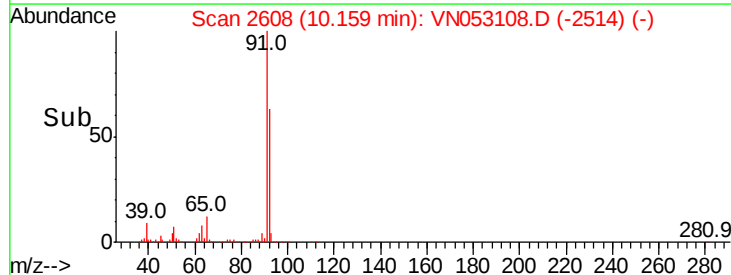
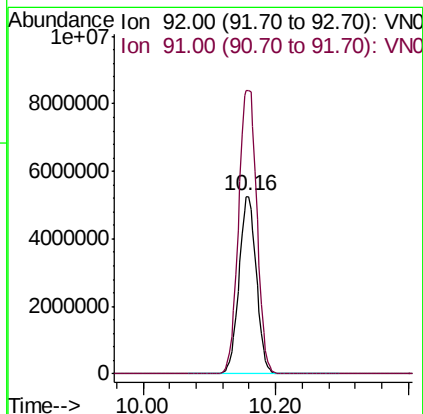
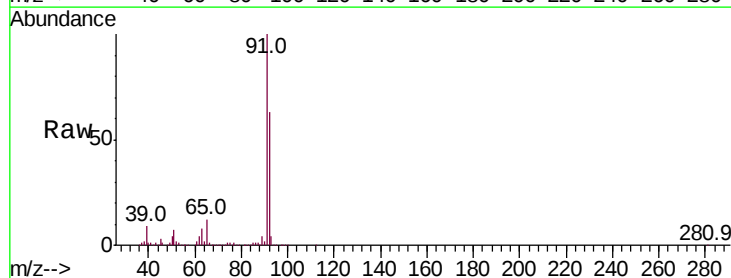
Acq: 21 Dec 2018 18:01

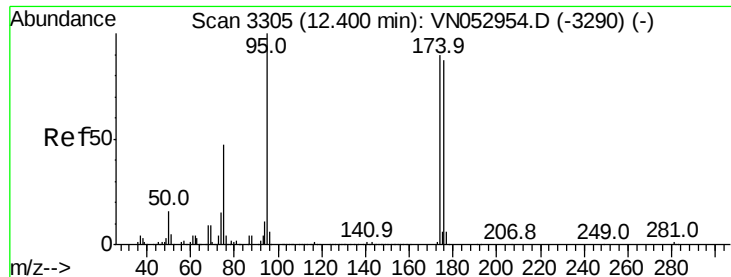
Tgt Ion: 92 Resp: 9501325

Ion Ratio Lower Upper

92 100

91 169.8 139.8 209.6





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-1824-01ME

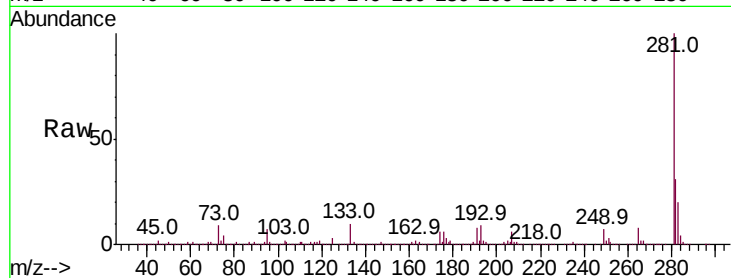
Tot Ion: 95 Resp: 900441

Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.8

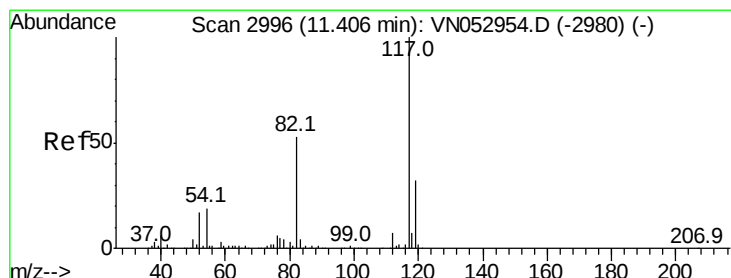
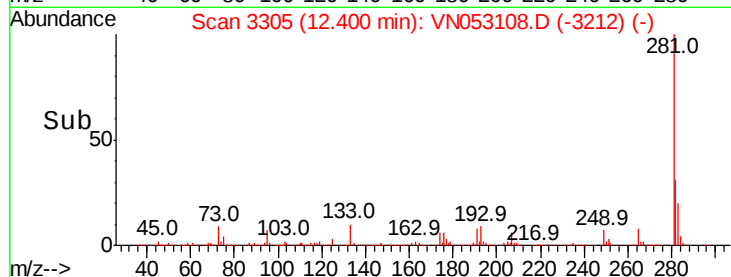
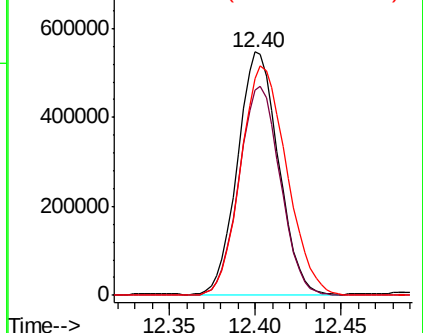
176 106.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053108.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053108.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053108.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

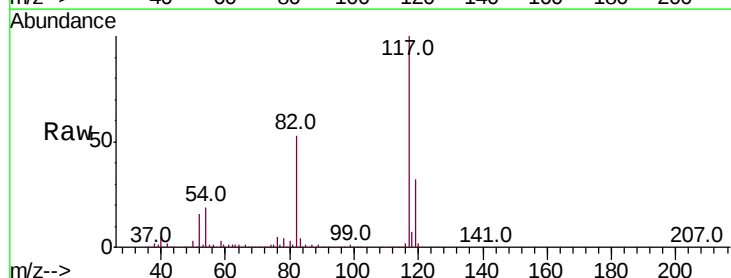
Tgt Ion: 117 Resp: 1949244

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

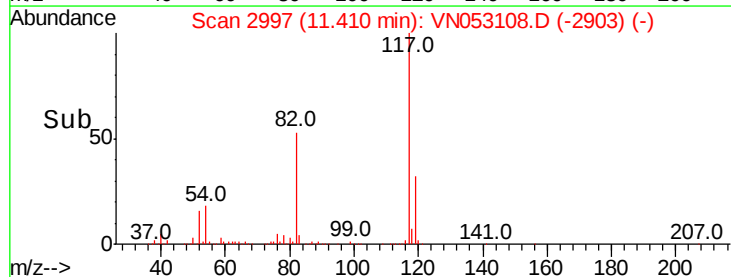
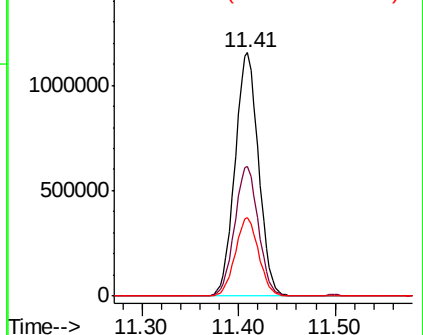
119 32.0 25.5 38.3

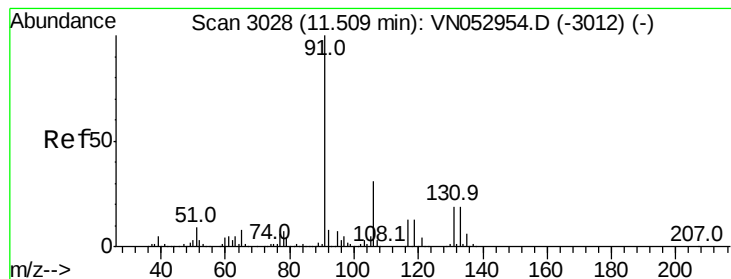


Abundance Ion 116.90 (116.60 to 117.60): VN053108.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053108.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053108.D (-2903) (-)





#67

Ethyl Benzene

Concen: 47.788 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

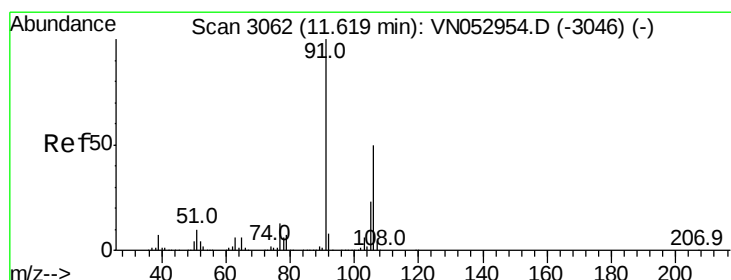
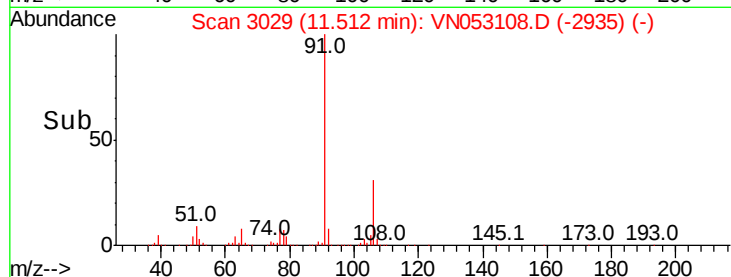
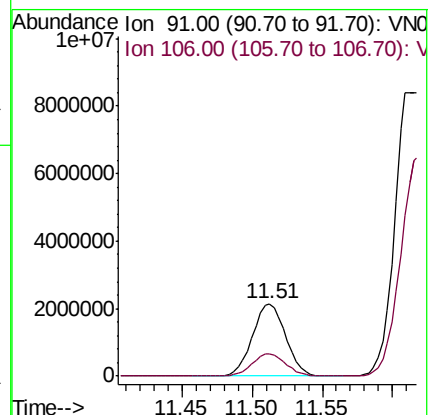
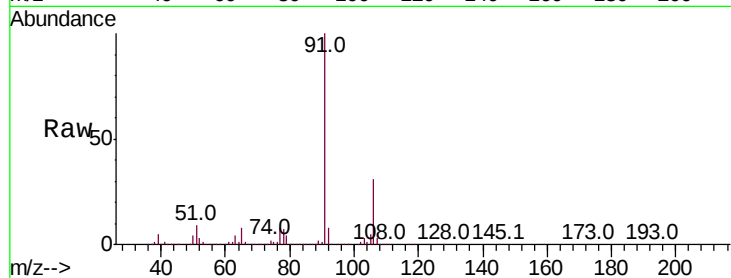
P001-SS013-1824-01ME

Tot Ion: 91 Resp: 3551026

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 416.553 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053108.D

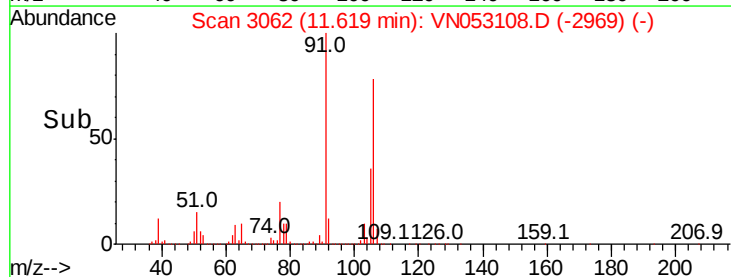
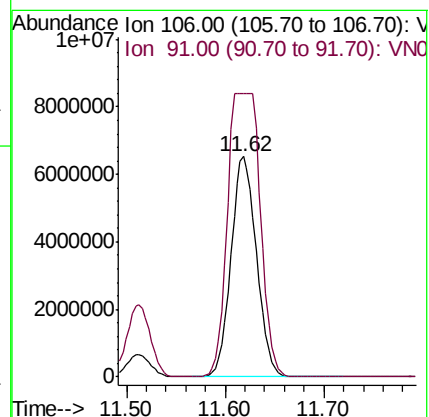
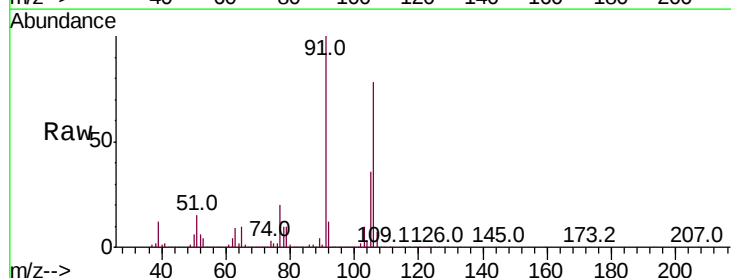
Acq: 21 Dec 2018 18:01

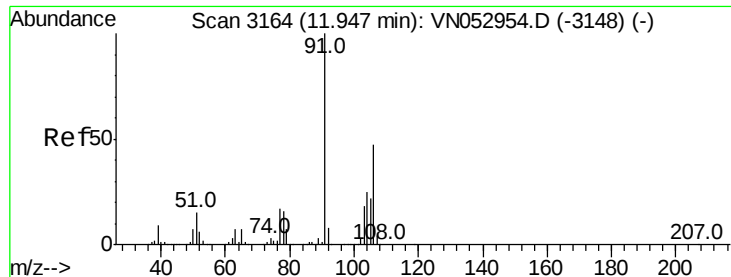
Tgt Ion: 106 Resp: 11767155

Ion Ratio Lower Upper

106 100

91 0.0 162.2 243.4#

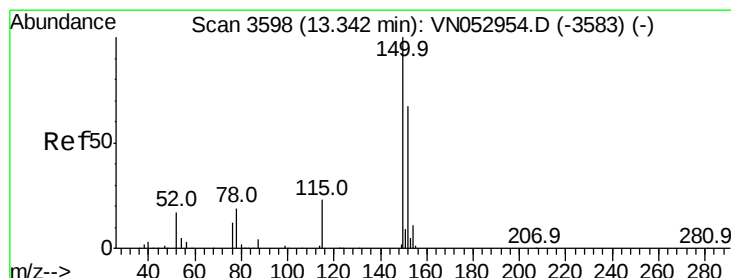
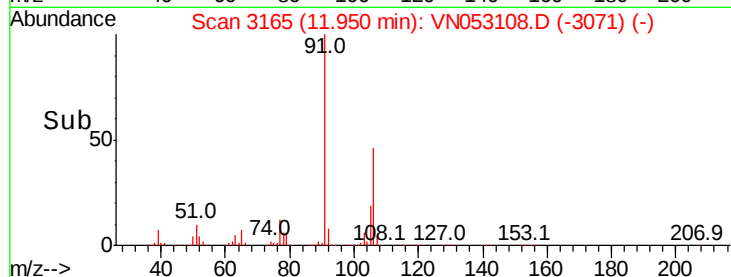
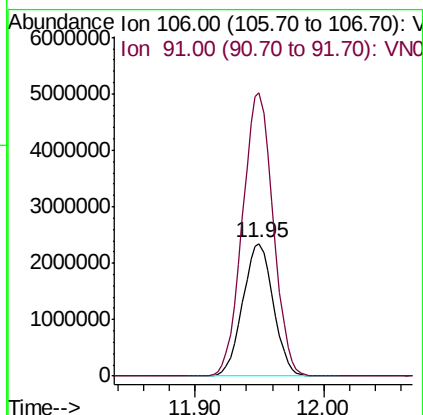
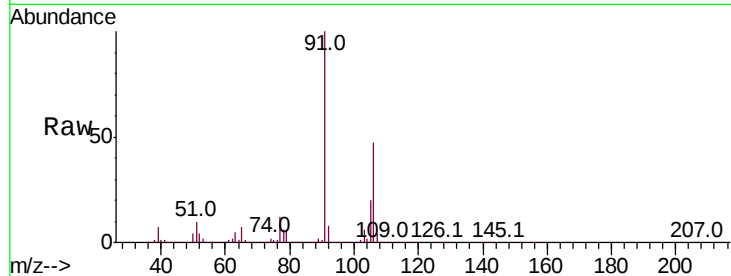




#69
o-Xylene
Concen: 142.894 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053108.D
Acq: 21 Dec 2018 18:01

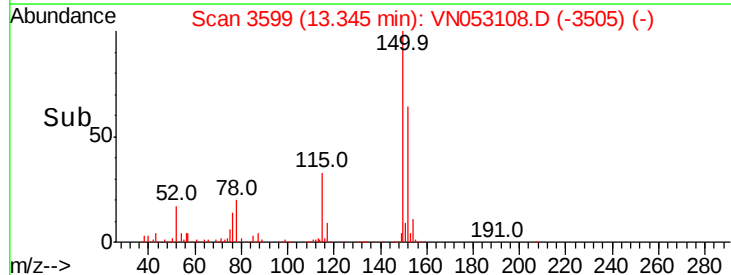
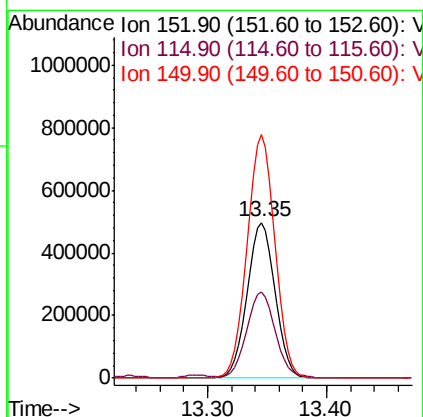
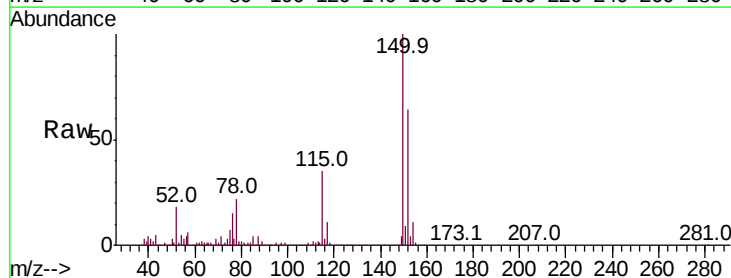
Instrument :
MSVOA_N
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P001-SS013-1824-01ME

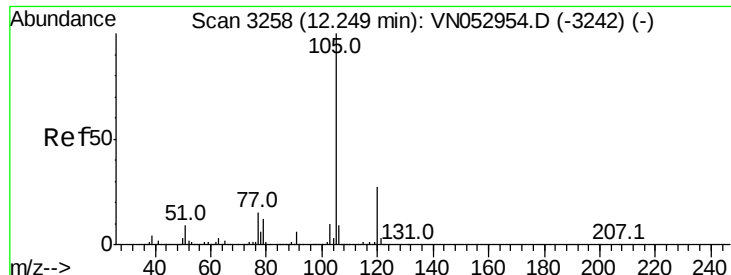
Tot Ion:106 Resp: 3873440
Ion Ratio Lower Upper
106 100
91 214.2 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053108.D
Acq: 21 Dec 2018 18:01

Tgt Ion:152 Resp: 806778
Ion Ratio Lower Upper
152 100
115 57.0 28.3 85.0
150 155.8 0.0 347.8





#73

Isopropylbenzene

Concen: 2.231 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

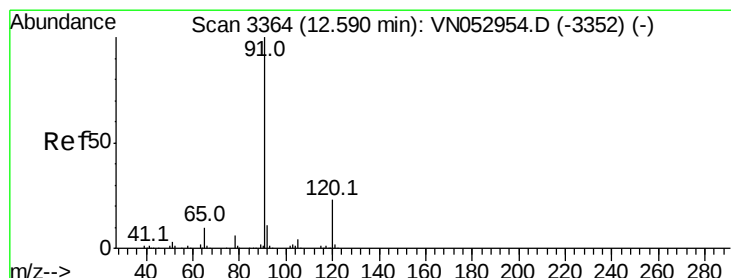
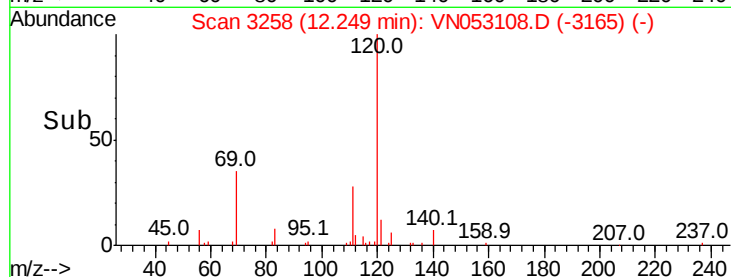
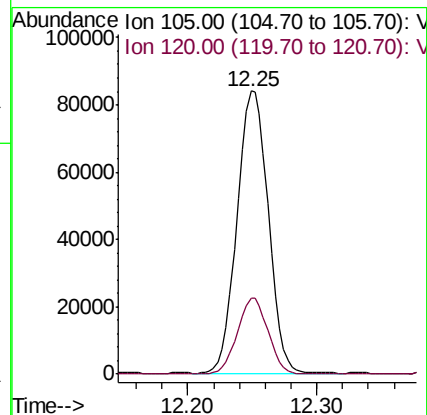
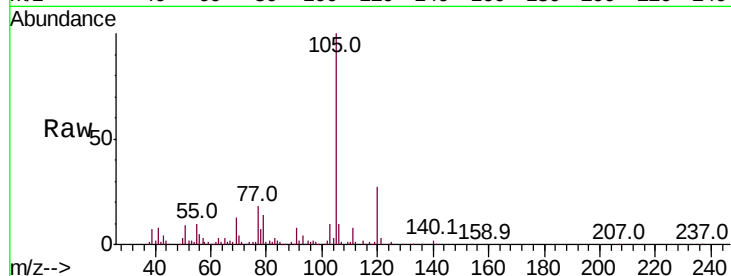
P001-SS013-1824-01ME

Tot Ion:105 Resp: 140833

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#78

n-propylbenzene

Concen: 2.895 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053108.D

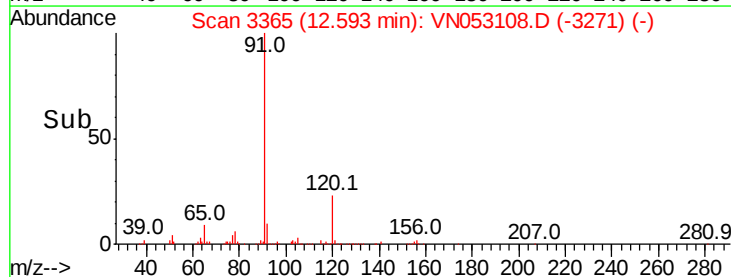
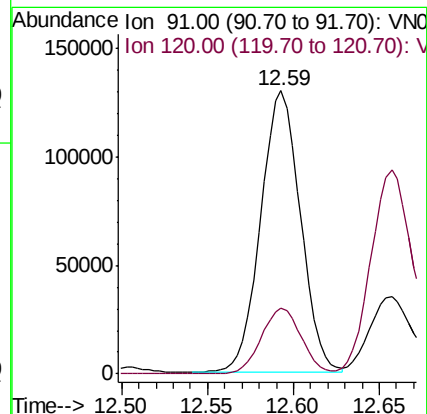
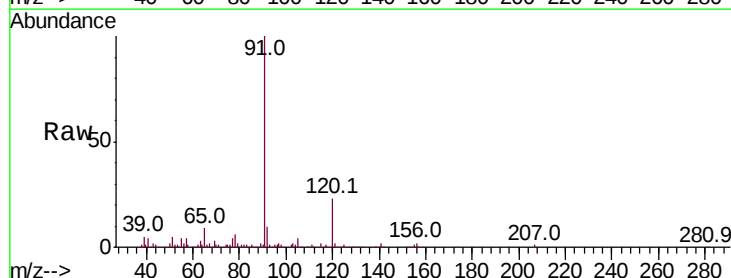
Acq: 21 Dec 2018 18:01

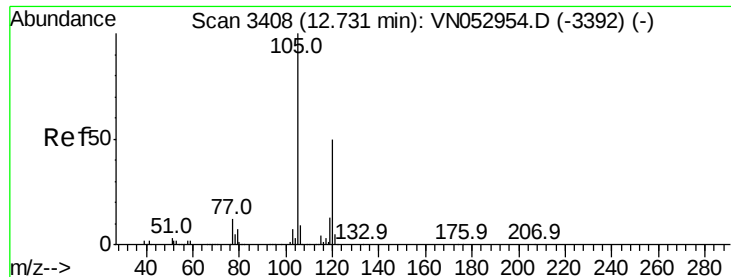
Tgt Ion: 91 Resp: 208159

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 6.498 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

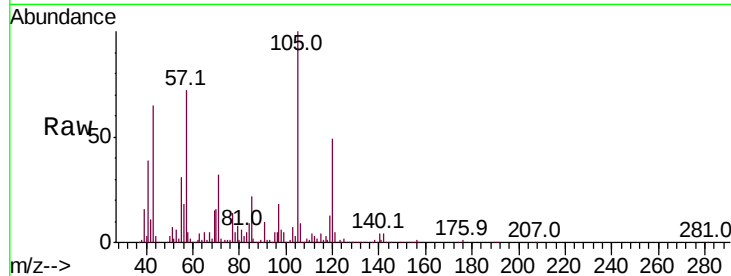
P001-SS013-1824-01ME

Tot Ion:105 Resp: 334344

Ion Ratio Lower Upper

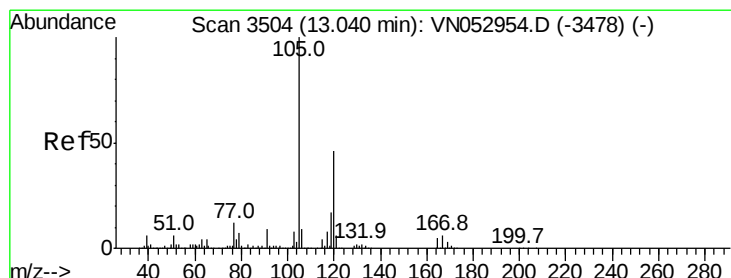
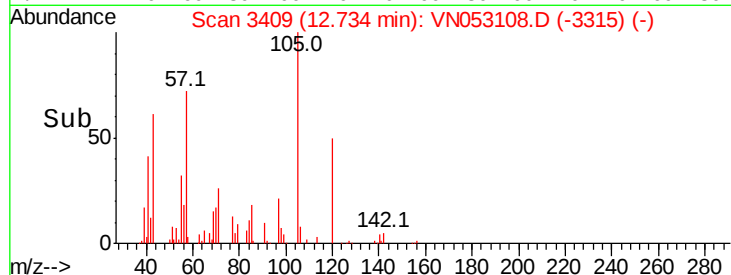
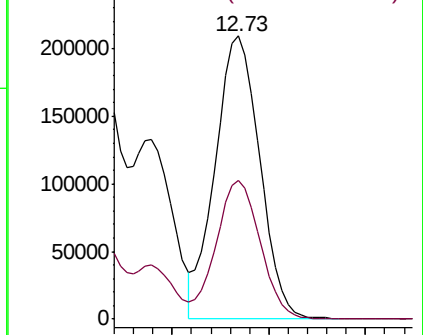
105 100

120 48.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.469 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053108.D

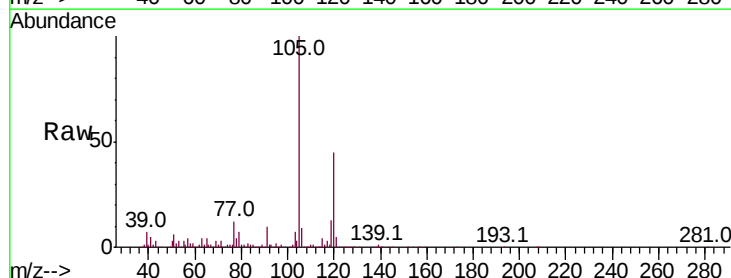
Acq: 21 Dec 2018 18:01

Tgt Ion:105 Resp: 800104

Ion Ratio Lower Upper

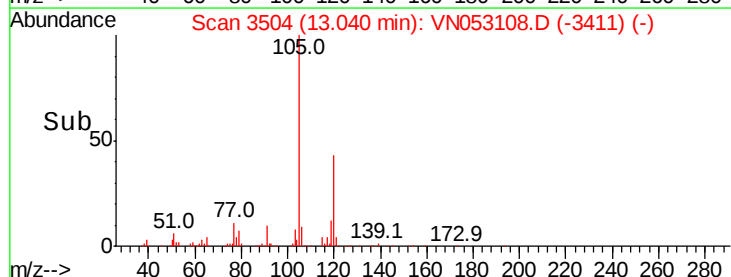
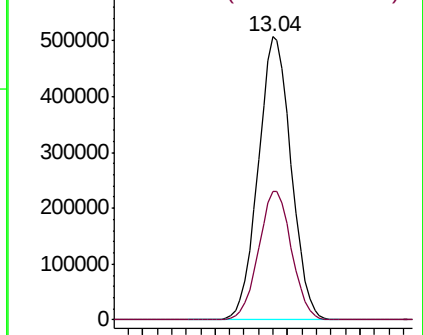
105 100

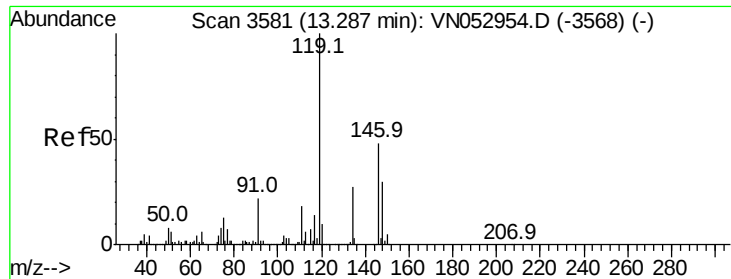
120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

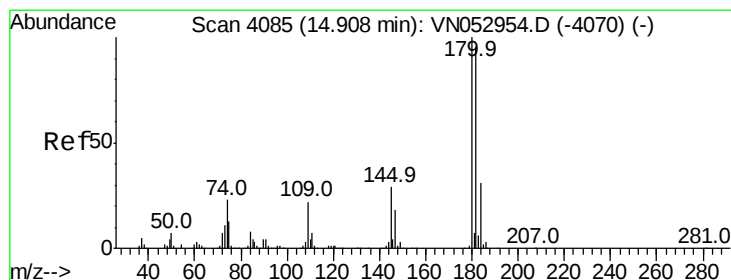
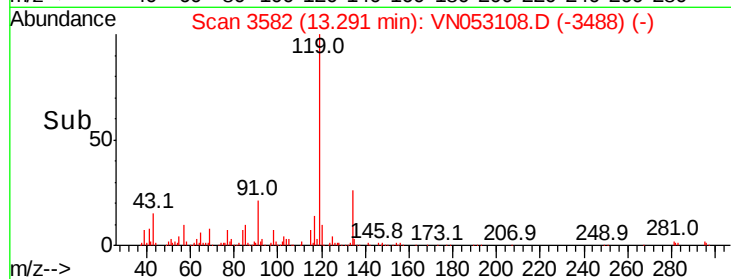
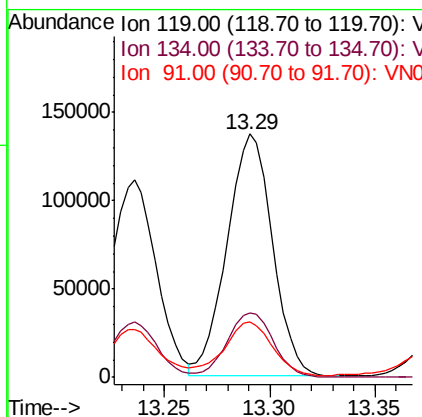
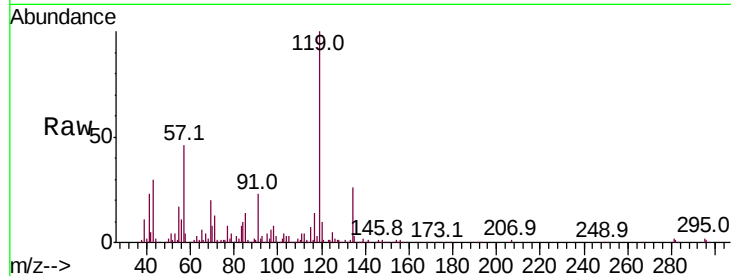




#86
p-Isopropyltoluene
Concen: 3.857 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053108.D
Acq: 21 Dec 2018 18:01

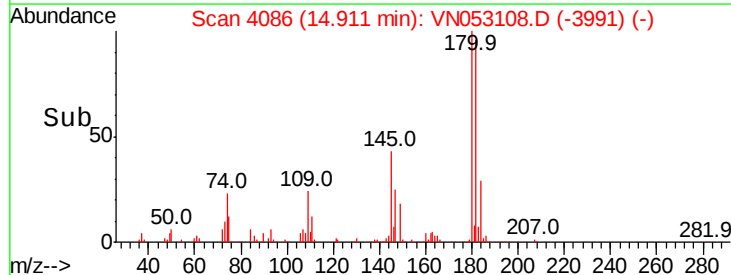
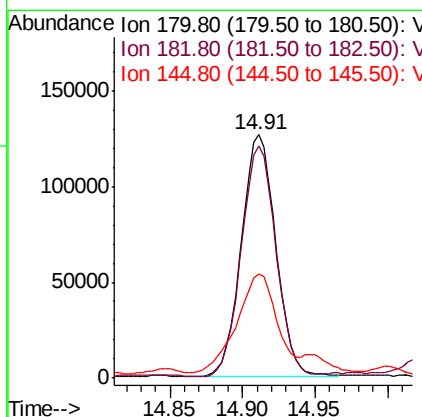
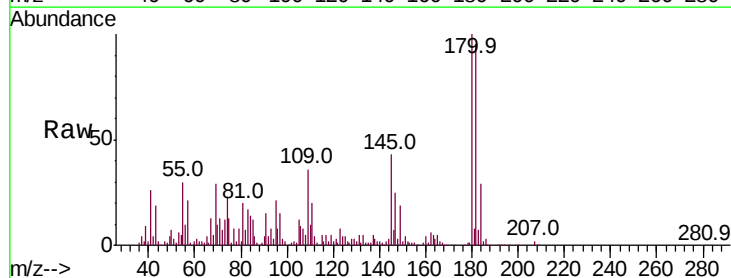
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-1824-01ME

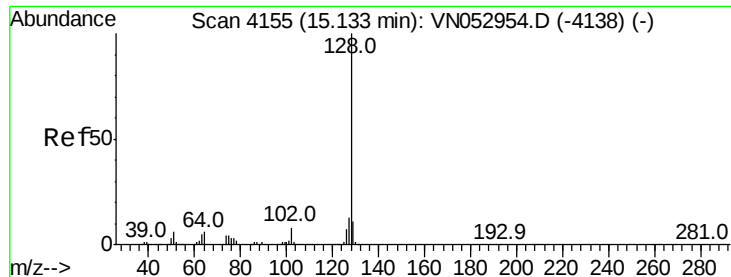
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	22.5	11.1	33.3



#93
1,2,4-Trichlorobenzene
Concen: 14.853 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053108.D
Acq: 21 Dec 2018 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	47.6	14.2	42.6#





#95

Naphthalene

Concen: 14.383 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-1824-01ME

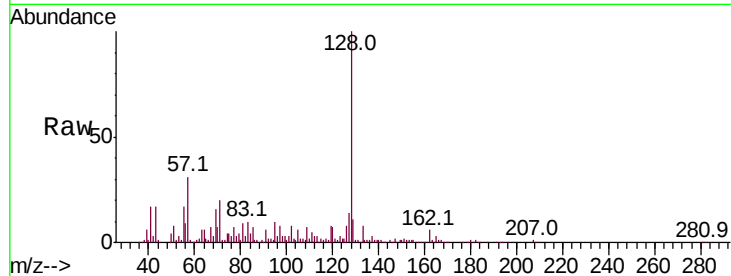
Tot Ion:128 Resp: 429732

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

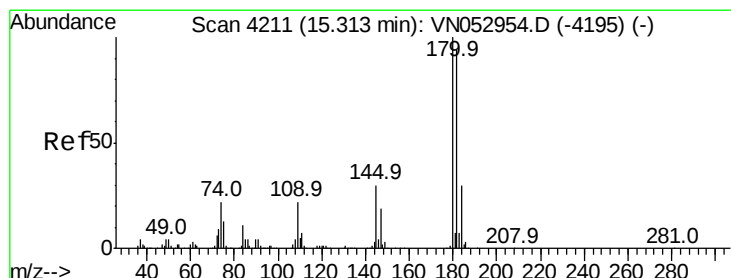
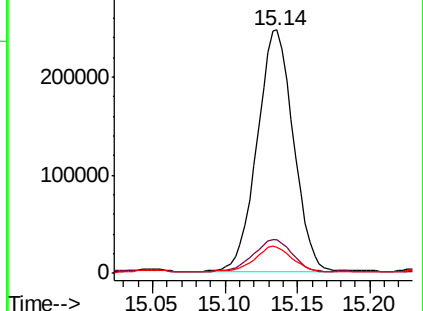
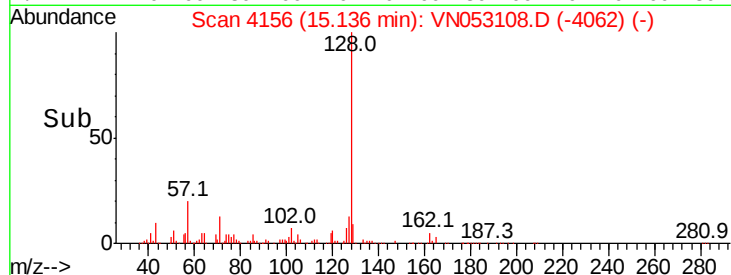
129 11.1 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 6.483 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053108.D

Acq: 21 Dec 2018 18:01

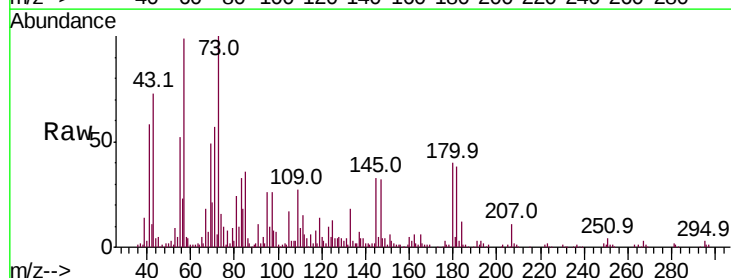
Tgt Ion:180 Resp: 78711

Ion Ratio Lower Upper

180 100

182 77.4 47.9 143.7

145 123.1 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

