

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054434.D
 Acq On : 19 Mar 2019 12:14
 Operator : JC/SP
 Sample : K1970-08
 Misc : 6.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-8-W.WALL-S.CENTER

Quant Time: Mar 19 12:38:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1811278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2559028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2229149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1220988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	767627	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	
35) Dibromofluoromethane	7.59	113	729481	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	
50) Toluene-d8	10.09	98	3075010	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	975061	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

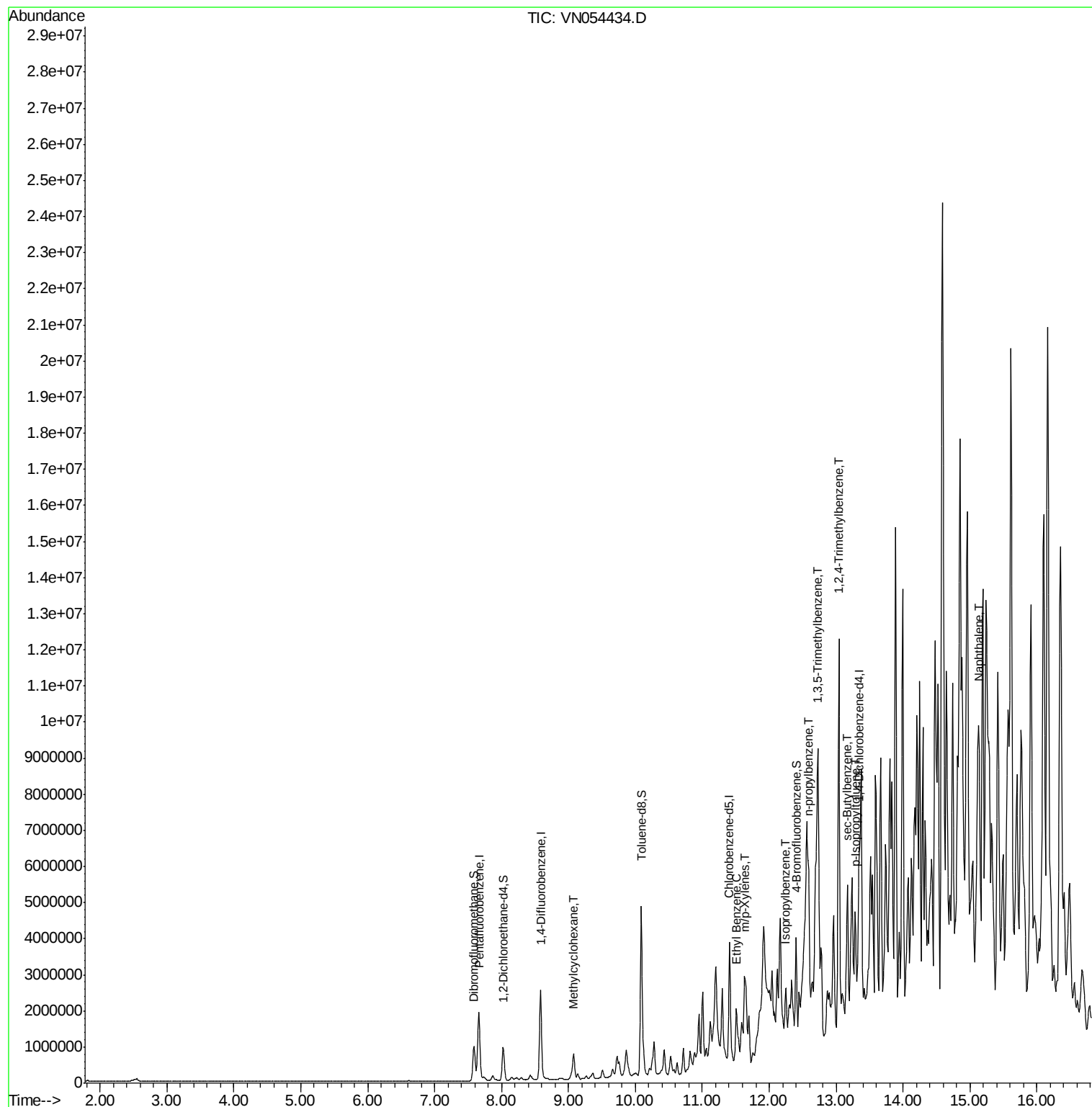
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	336947	11.621	ug/l	98
67) Ethyl Benzene	11.51	91	1035133	12.758	ug/l	99
68) m/p-Xylenes	11.63	106	198252	6.252	ug/l	98
73) Isopropylbenzene	12.25	105	996098	10.197	ug/l	99
78) n-propylbenzene	12.59	91	2347054	22.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	483834	5.955	ug/l	89
84) 1,2,4-Trimethylbenzene	13.04	105	6246007	78.354	ug/l	99
85) sec-Butylbenzene	13.17	105	2393365	24.676	ug/l	90
86) p-Isopropyltoluene	13.29	119	1147629	13.487	ug/l	99
95) Naphthalene	15.13	128	3971749	72.488	ug/l	97

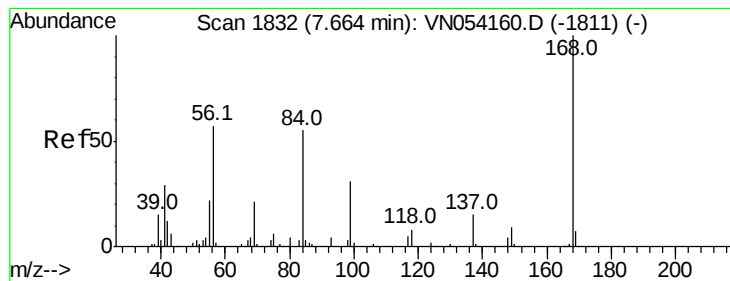
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054434.D
Acq On : 19 Mar 2019 12:14
Operator : JC/SP
Sample : K1970-08
Misc : 6.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P-8-W.WALL-S.CENTER

Quant Time: Mar 19 12:38:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

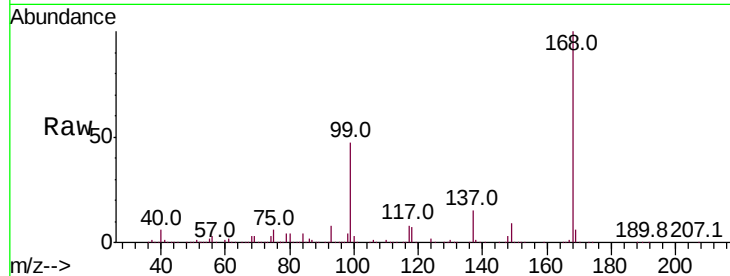
P-8-W.WALL-S.CENTER

Tot Ion:168 Resp: 1811278

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

600000

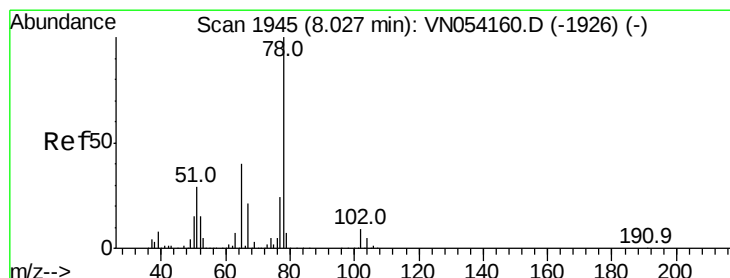
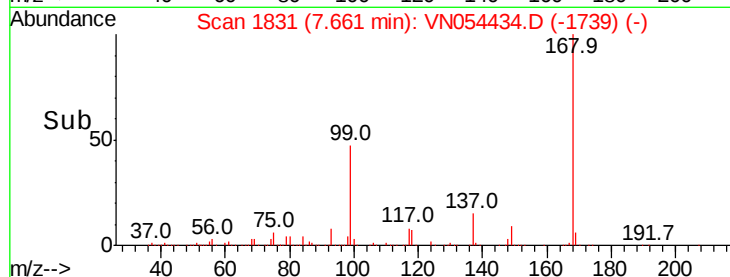
400000

200000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 39.906 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054434.D

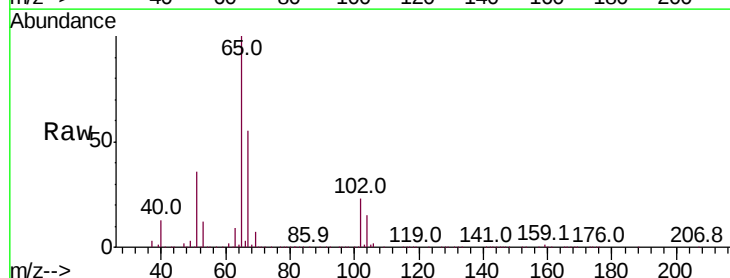
Acq: 19 Mar 2019 12:14

Tgt Ion: 65 Resp: 767627

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

400000

300000

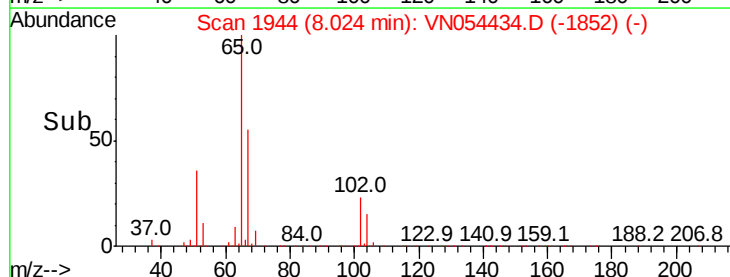
200000

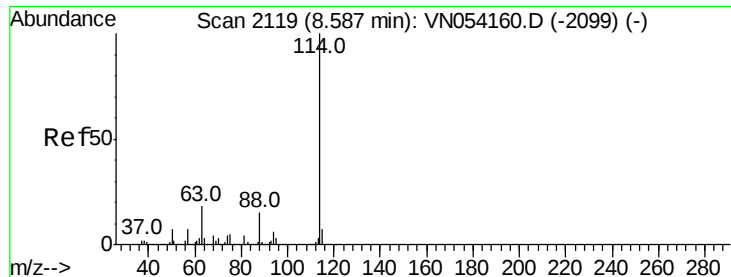
100000

0

7.90 8.00 8.10

Time-->

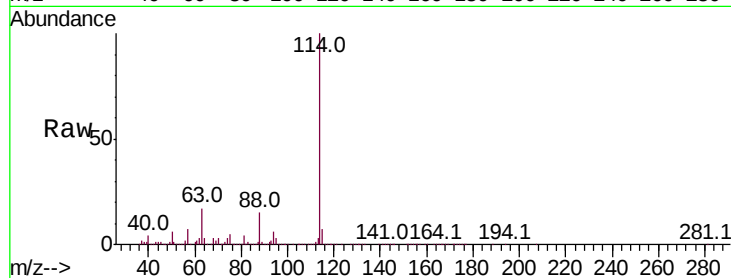




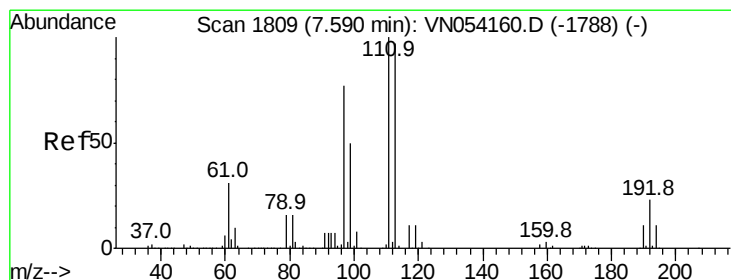
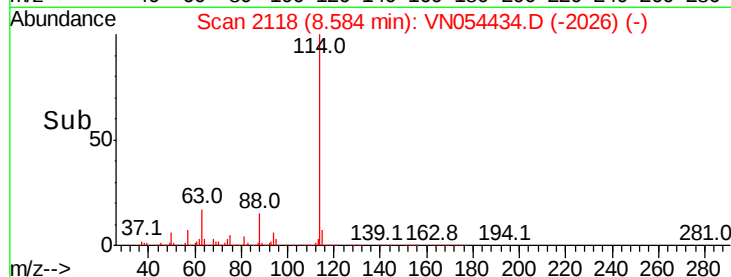
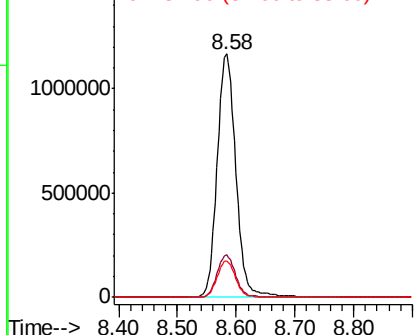
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054434.D
Acq: 19 Mar 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
P-8-W.WALL-S.CENTER

Tot Ion:114 Resp: 2559028
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.2
88 15.1 0.0 30.2

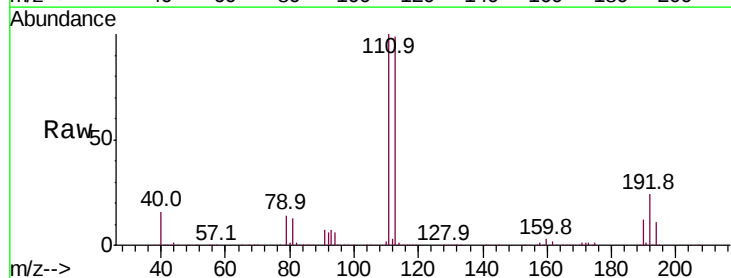


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

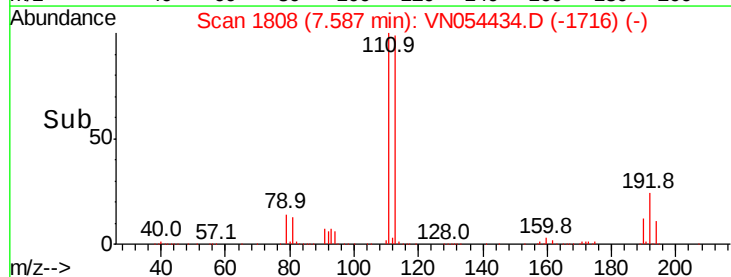
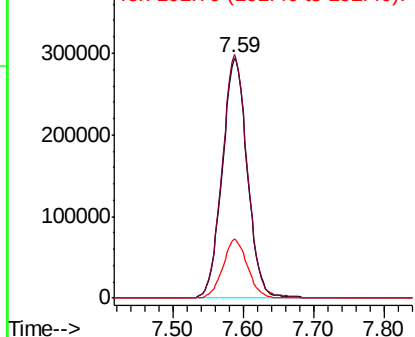


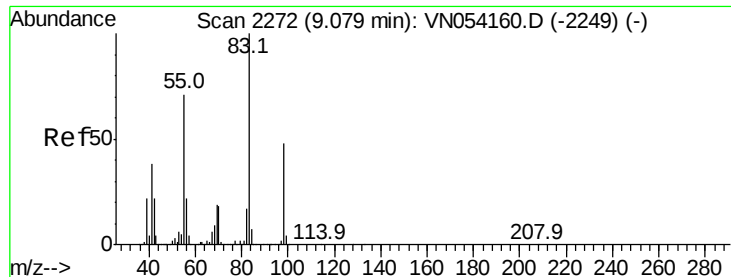
#35
Dibromofluoromethane
Concen: 44.198 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN054434.D
Acq: 19 Mar 2019 12:14

Tgt Ion:113 Resp: 729481
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 24.0 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

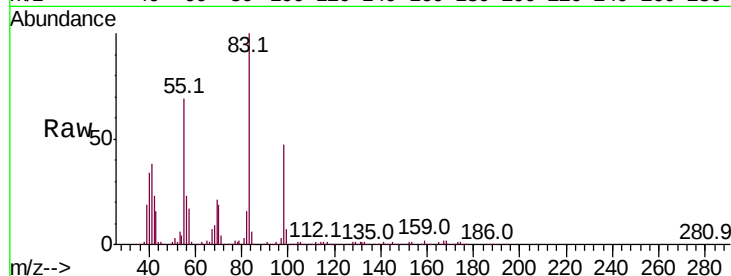




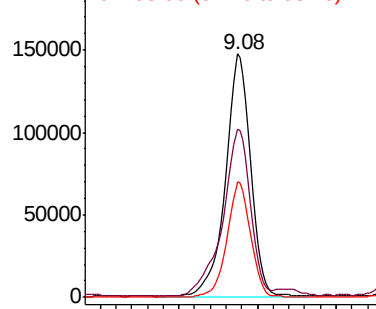
#39
Methvlcvclohexane
Concen: 11.621 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054434.D
Acq: 19 Mar 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
P-8-W.WALL-S.CENTER

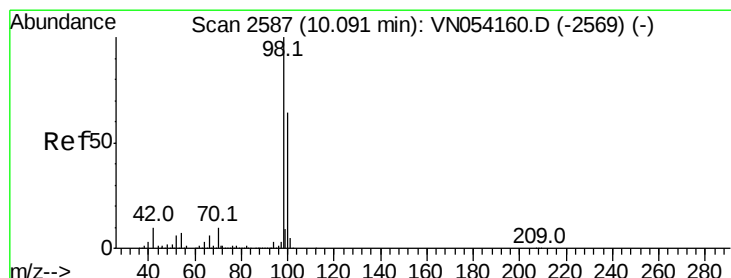
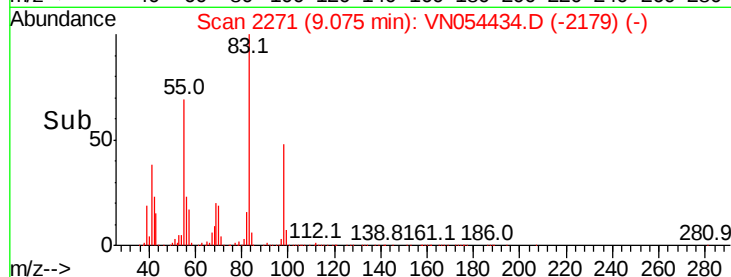
Tot Ion	83	Resp	336947
Ion Ratio	Lower	Upper	
83	100		
55	68.5	56.6	84.8
98	47.4	38.4	57.6



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

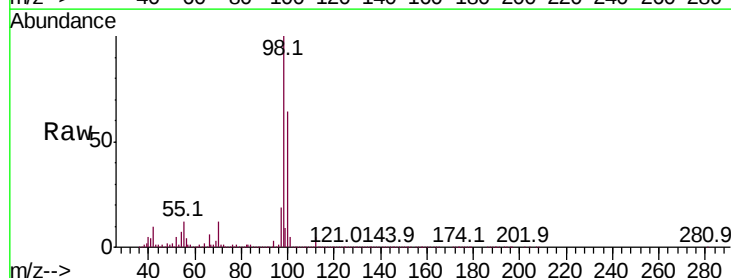


Time--> 8.90 9.00 9.10 9.20

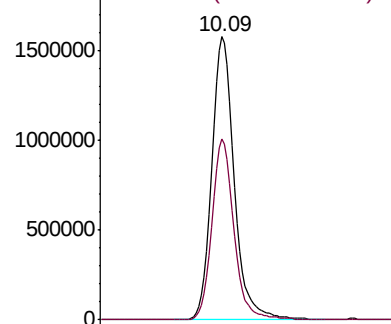


#50
Toluene-d8
Concen: 50.448 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054434.D
Acq: 19 Mar 2019 12:14

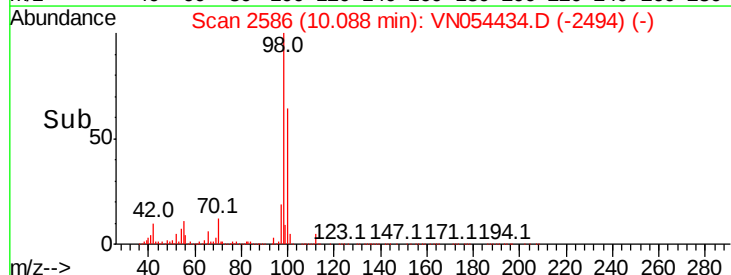
Tgt Ion	98	Resp	3075010
Ion Ratio	Lower	Upper	
98	100		
100	62.8	51.2	76.8

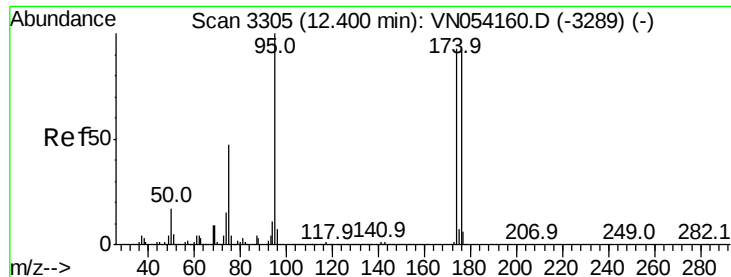


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 45.718 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

P-8-W.WALL-S.CENTER

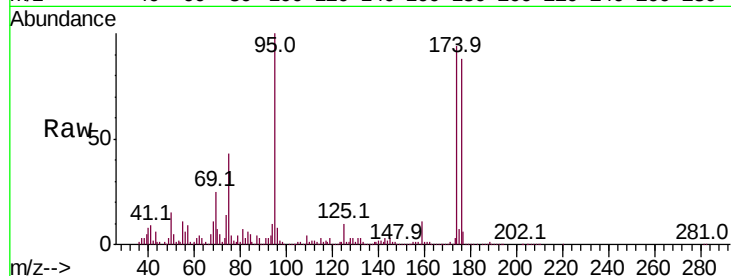
Tot Ion: 95 Resp: 975061

Ion Ratio Lower Upper

95 100

174 93.1 0.0 191.0

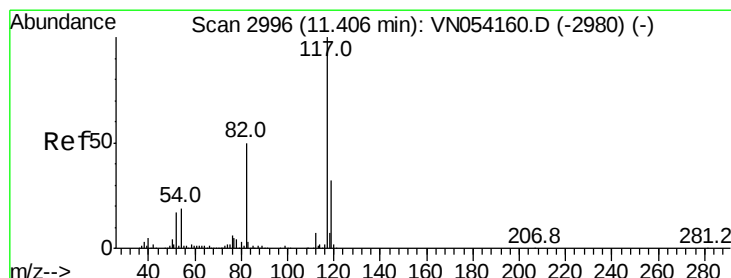
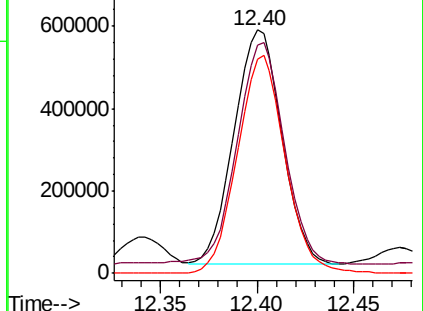
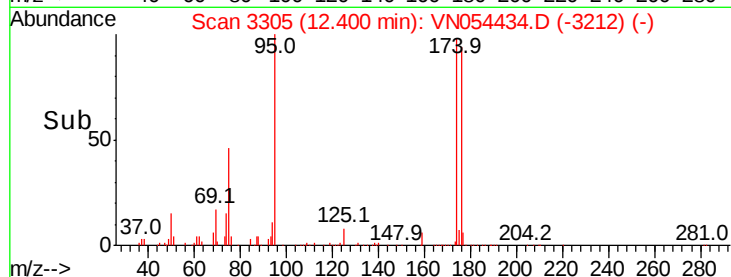
176 93.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

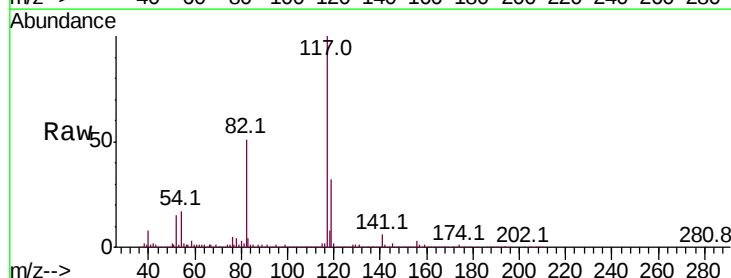
Tgt Ion: 117 Resp: 2229149

Ion Ratio Lower Upper

117 100

82 50.6 40.0 60.0

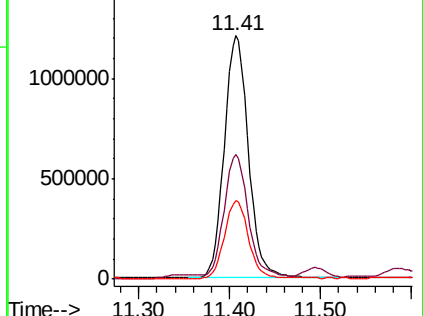
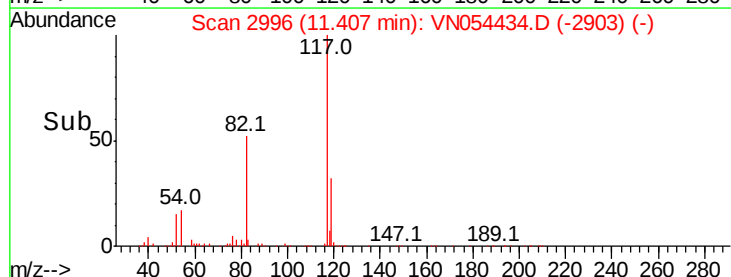
119 32.3 25.8 38.6

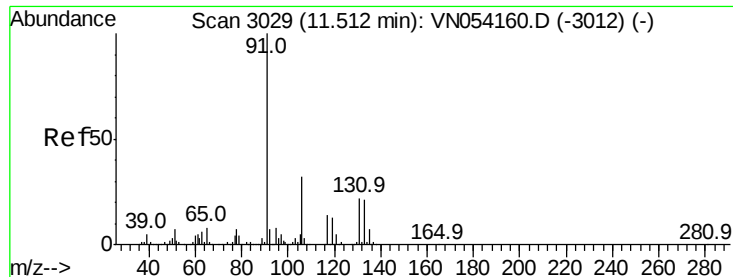


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 12.758 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

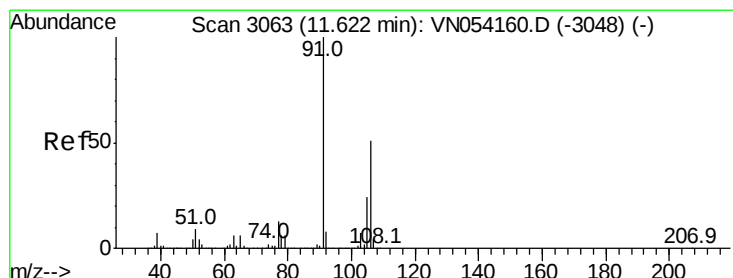
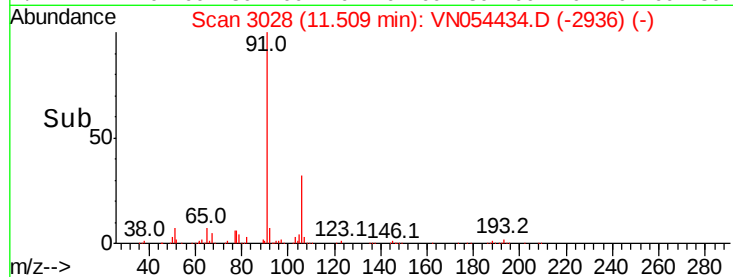
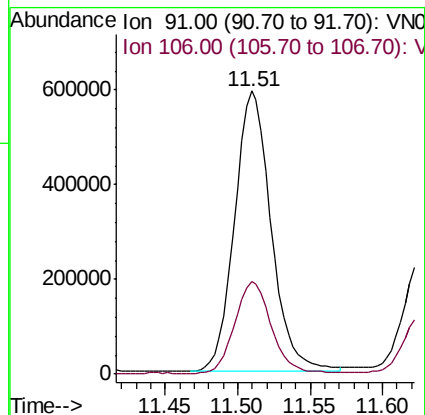
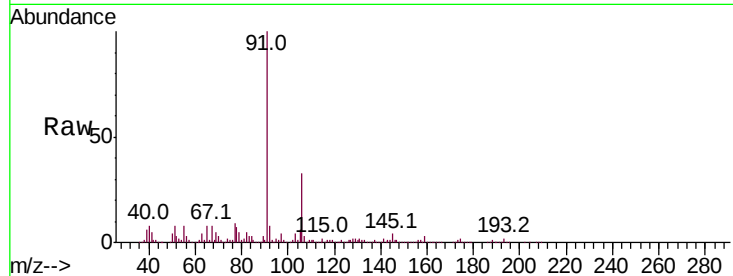
P-8-W.WALL-S.CENTER

Tot Ion: 91 Resp: 1035133

Ion Ratio Lower Upper

91 100

106 32.7 25.5 38.3



#68

m/p-Xylenes

Concen: 6.252 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN054434.D

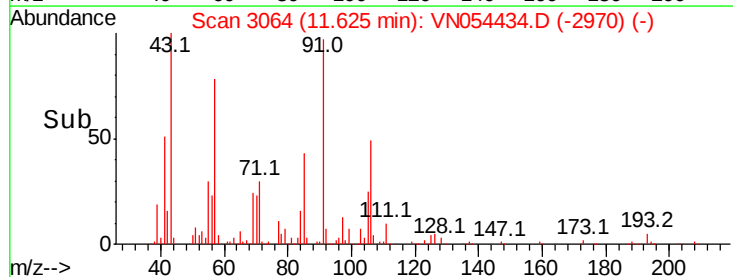
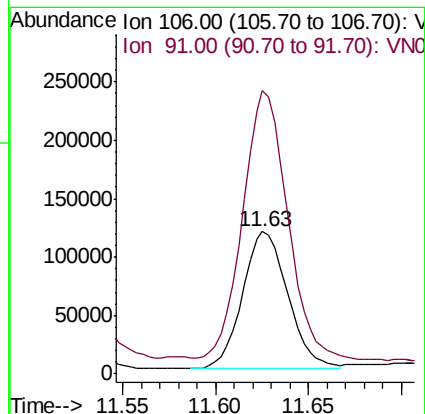
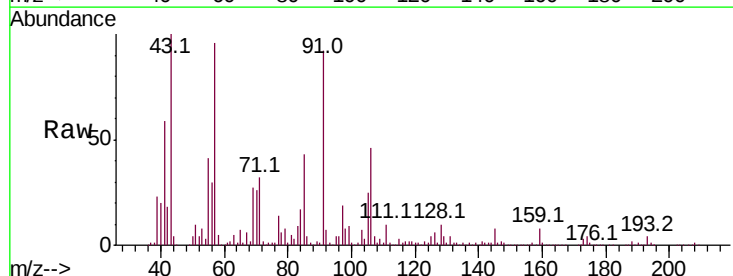
Acq: 19 Mar 2019 12:14

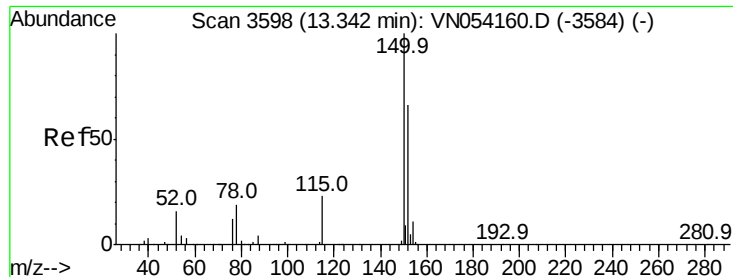
Tgt Ion: 106 Resp: 198252

Ion Ratio Lower Upper

106 100

91 195.9 159.4 239.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

P-8-W.WALL-S.CENTER

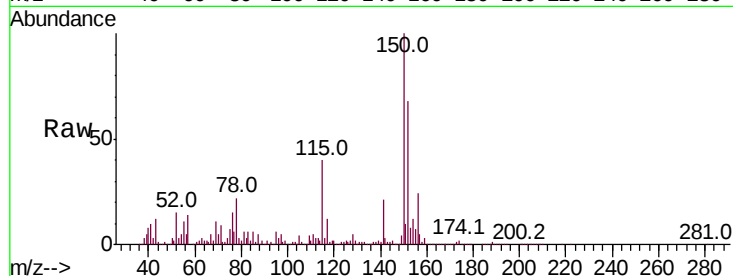
Tot Ion:152 Resp: 1220988

Ion Ratio Lower Upper

152 100

115 74.2 27.2 81.6

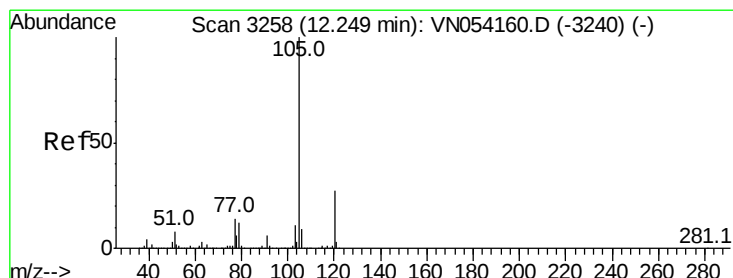
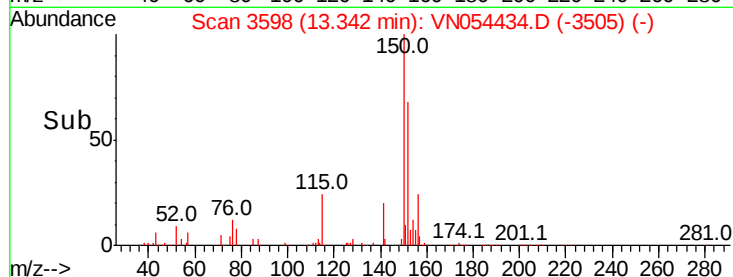
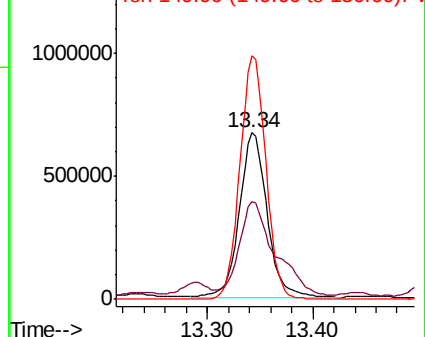
150 137.0 0.0 349.2



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



#73

Isopropylbenzene

Concen: 10.197 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054434.D

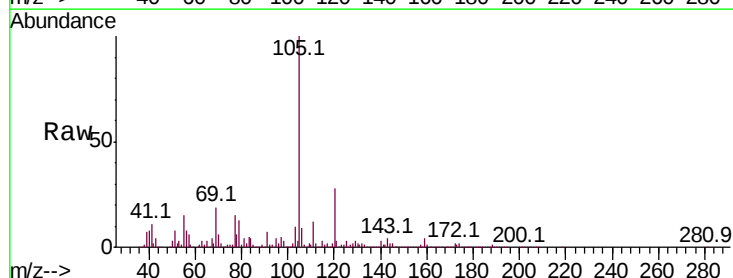
Acq: 19 Mar 2019 12:14

Tgt Ion:105 Resp: 996098

Ion Ratio Lower Upper

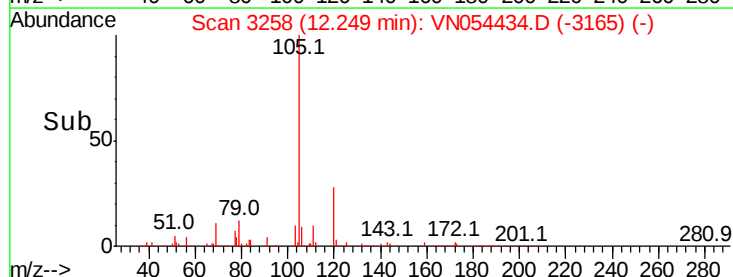
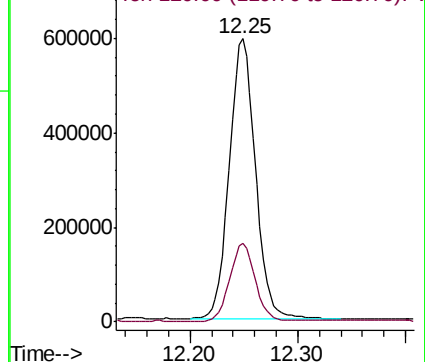
105 100

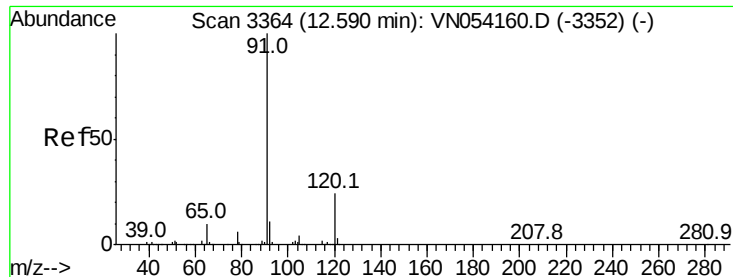
120 27.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 22.143 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

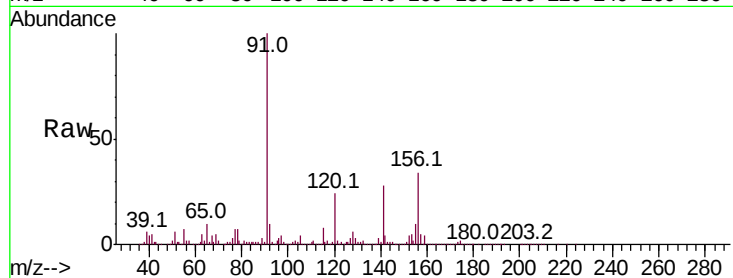
P-8-W.WALL-S.CENTER

Tot Ion: 91 Resp: 2347054

Ion Ratio Lower Upper

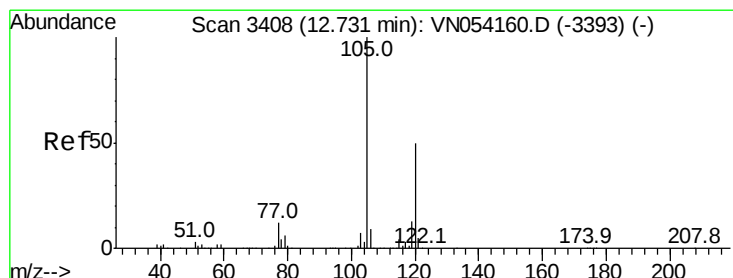
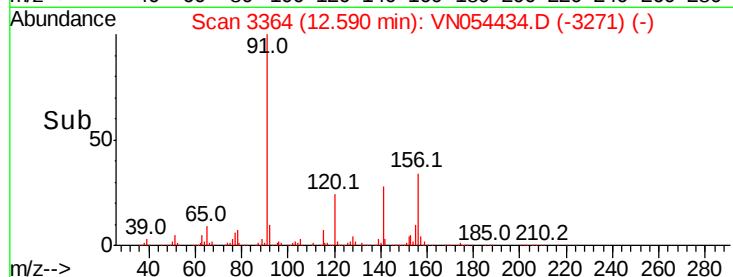
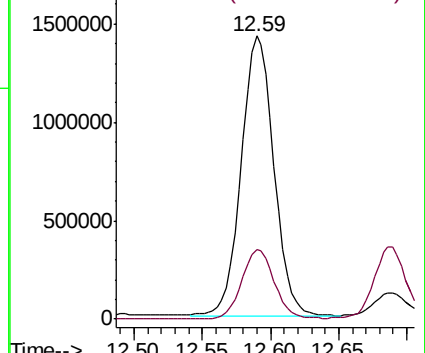
91 100

120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.955 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054434.D

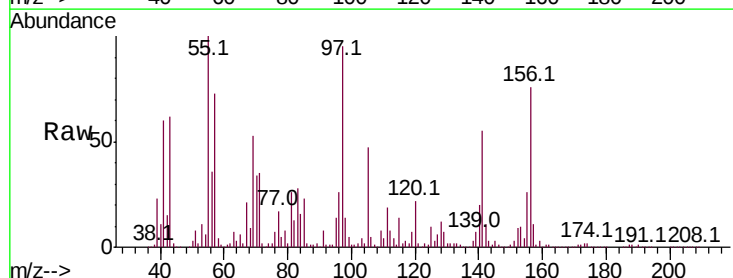
Acq: 19 Mar 2019 12:14

Tgt Ion: 105 Resp: 483834

Ion Ratio Lower Upper

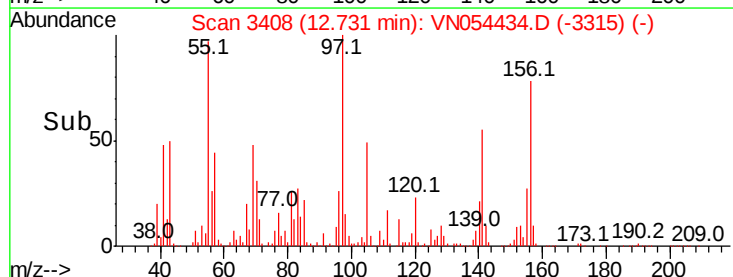
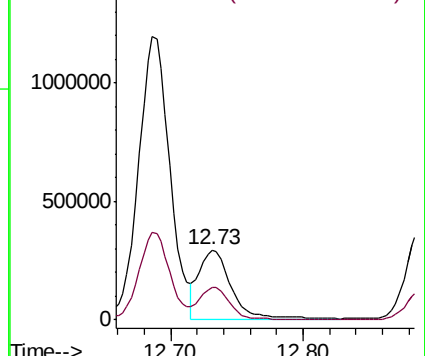
105 100

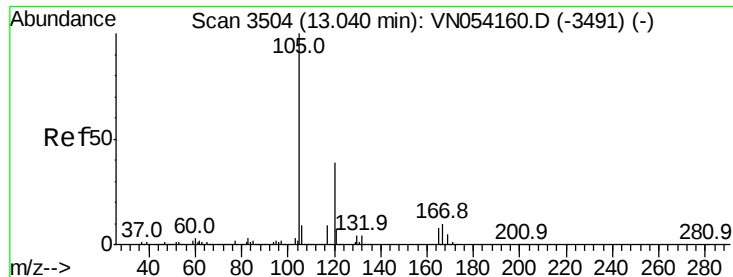
120 42.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)





#84

1,2,4-Trimethylbenzene

Concen: 78.354 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

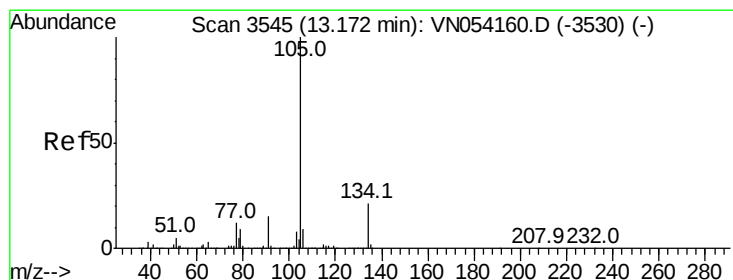
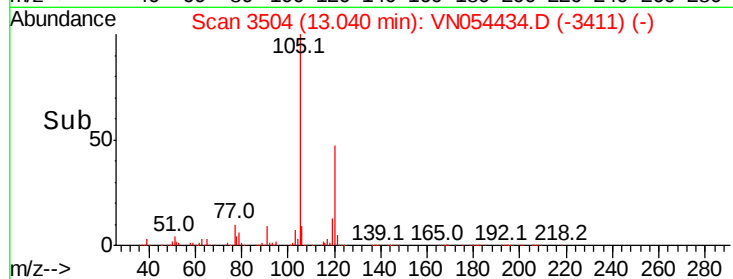
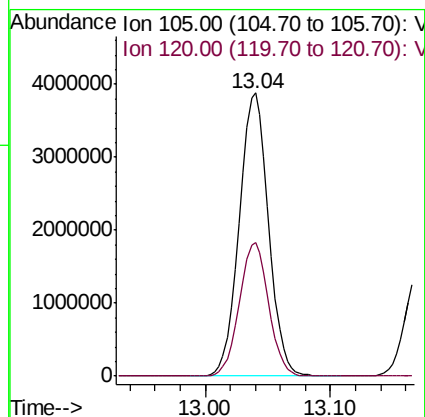
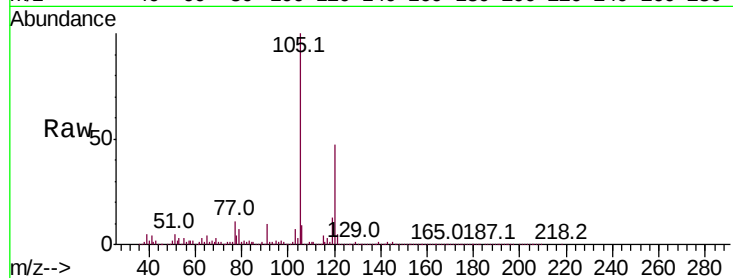
P-8-W.WALL-S.CENTER

Tot Ion:105 Resp: 6246007

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.3



#85

sec-Butylbenzene

Concen: 24.676 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054434.D

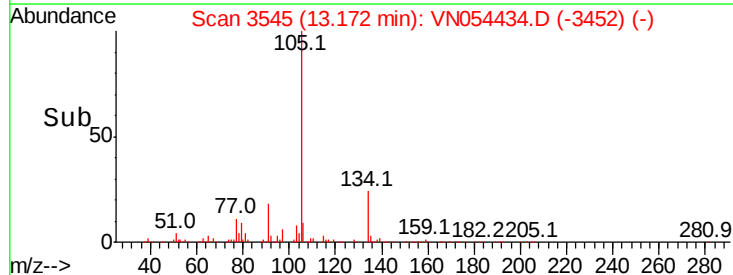
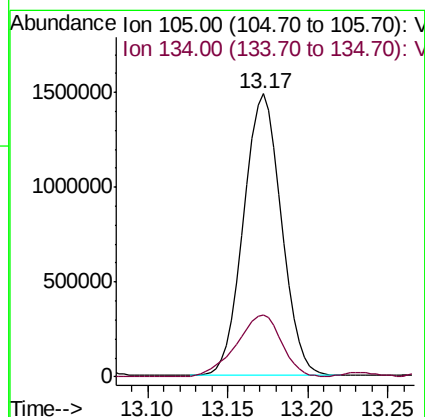
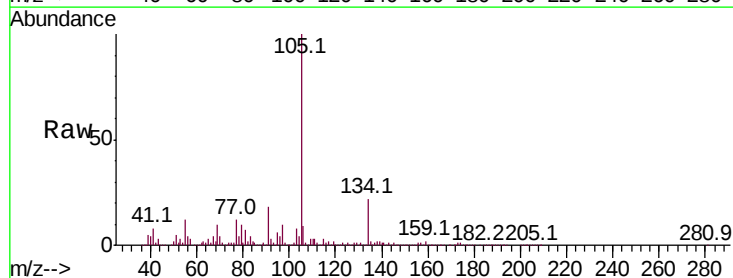
Acq: 19 Mar 2019 12:14

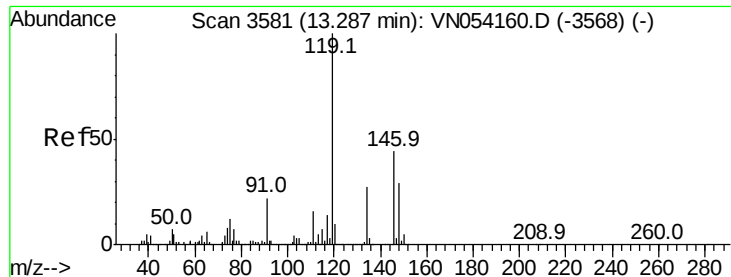
Tgt Ion:105 Resp: 2393365

Ion Ratio Lower Upper

105 100

134 26.3 10.7 32.1





#86

p-Isopropyltoluene

Concen: 13.487 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

P-8-W.WALL-S.CENTER

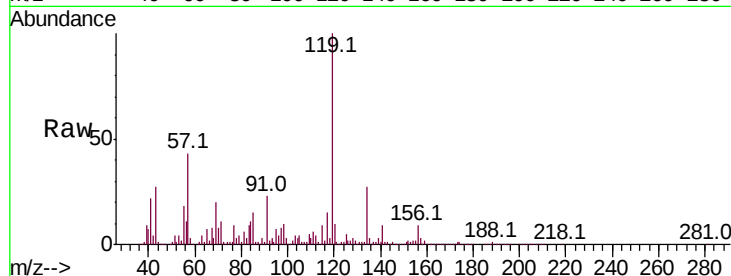
Tot Ion:119 Resp: 1147629

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 20.8 11.1 33.3

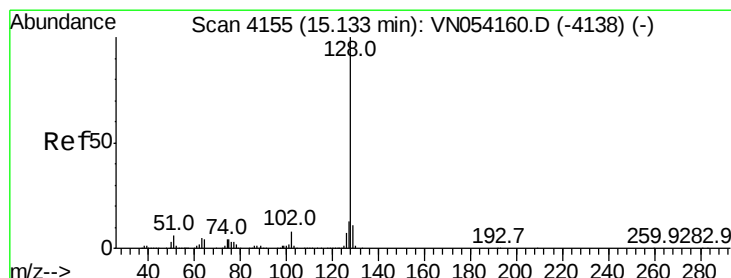
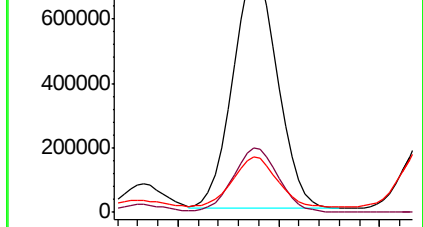
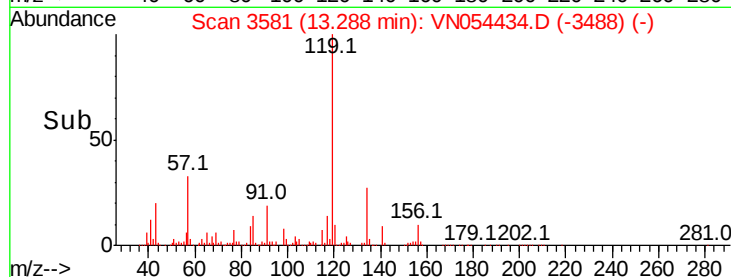


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#95

Naphthalene

Concen: 72.488 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054434.D

Acq: 19 Mar 2019 12:14

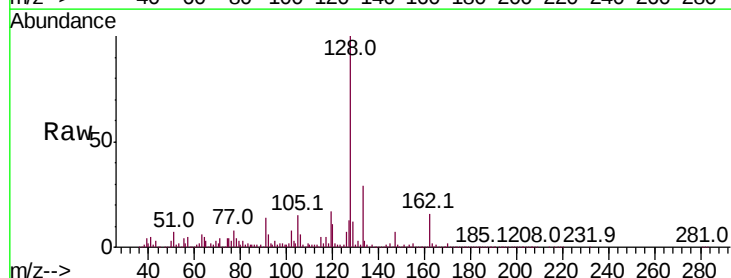
Tgt Ion:128 Resp: 3971749

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 12.3 8.7 13.1



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

Time-->

