

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054427.D
 Acq On : 19 Mar 2019 7:19
 Operator : JC/SP
 Sample : K1970-01 10X
 Misc : 6.87g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-1-N.WALL

Quant Time: Mar 19 08:11:59 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	1996169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2792998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2349631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1069533	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	861867	40.66	ug/l	0.00
Spiked Amount			Recovery	=	81.32%	
35) Dibromofluoromethane	7.59	113	821376	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.09	98	3208256	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	1026019	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	

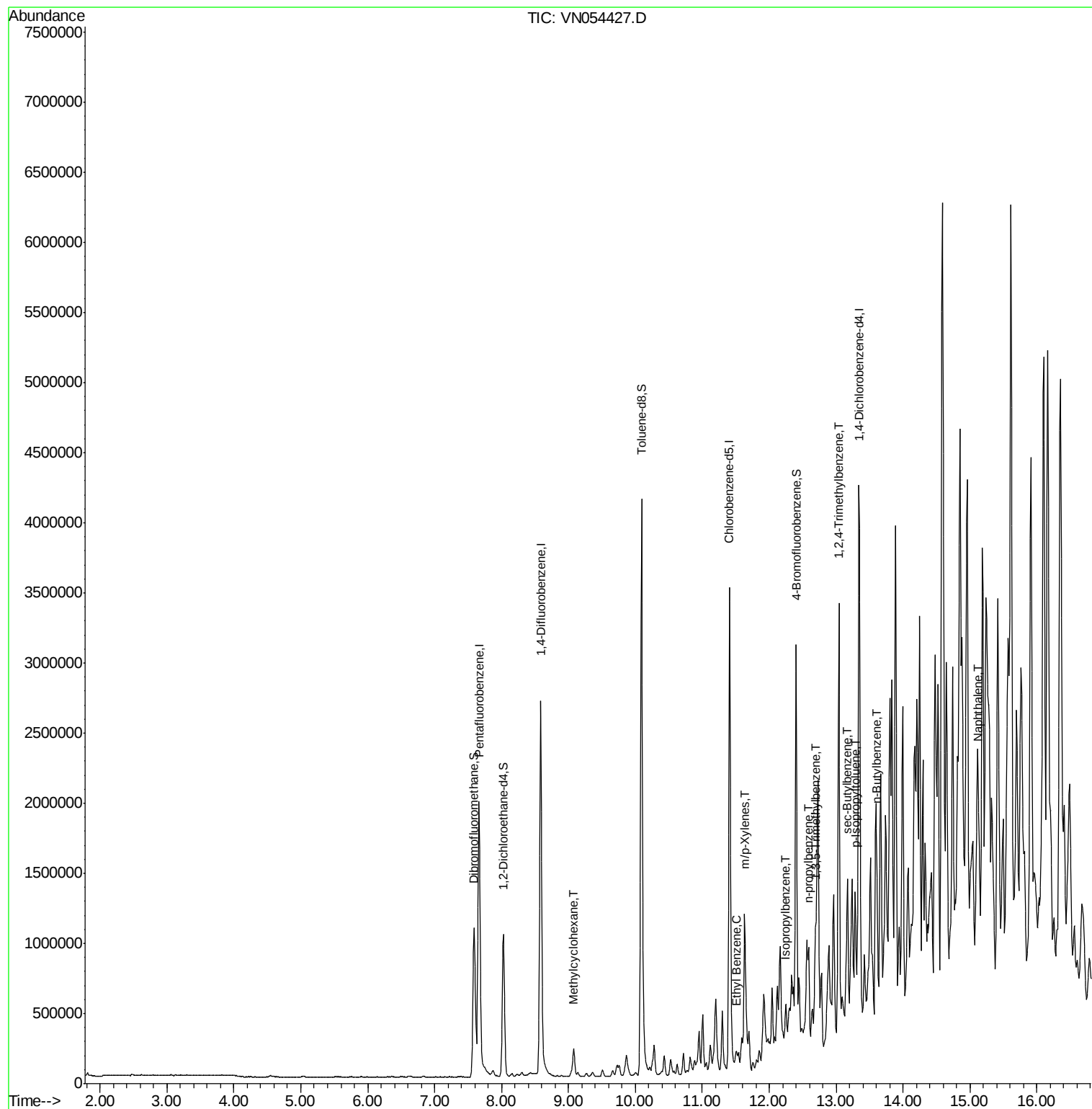
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	95617	3.021	ug/l	99
67) Ethyl Benzene	11.51	91	70180	0.821	ug/l	100
68) m/p-Xylenes	11.63	106	20772	0.621	ug/l	98
73) Isopropylbenzene	12.25	105	212660	2.485	ug/l	98
78) n-propylbenzene	12.59	91	562497	6.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.69	105	443632	6.233	ug/l	72
84) 1,2,4-Trimethylbenzene	13.04	105	1746151	25.007	ug/l	100
85) sec-Butylbenzene	13.17	105	645124	7.593	ug/l	89
86) p-Isopropyltoluene	13.29	119	301251	4.042	ug/l	98
89) n-Butylbenzene	13.61	91	486236	8.586	ug/l #	63
95) Naphthalene	15.13	128	410318	11.610	ug/l #	94

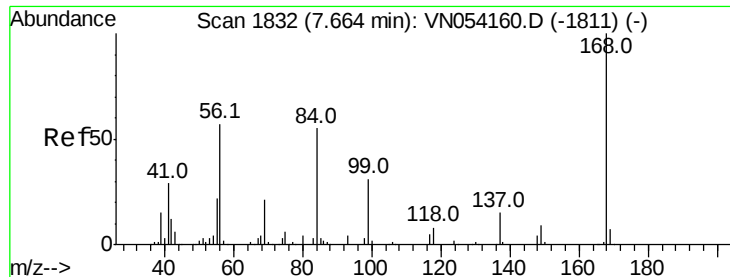
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Mar 19 08:11:59 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

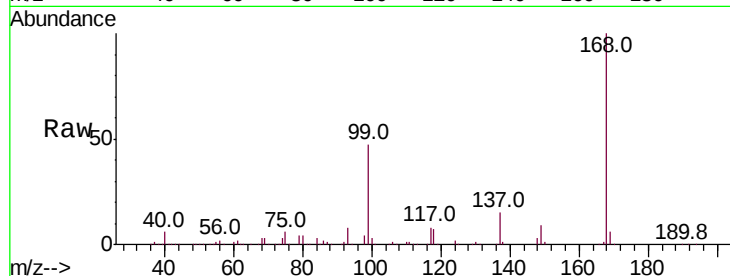
P-1-N.WALL

Tot Ion:168 Resp: 1996169

Ion Ratio Lower Upper

168 100

99 46.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

800000

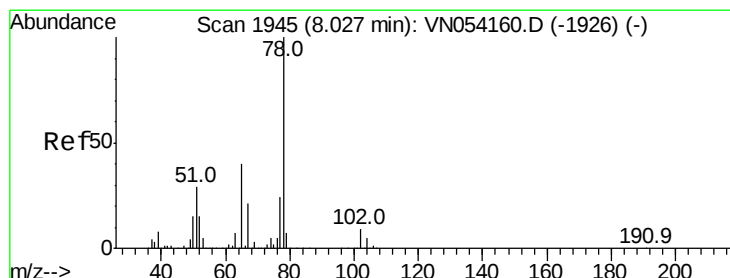
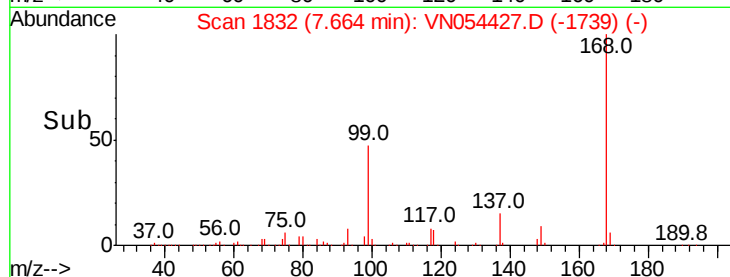
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.655 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054427.D

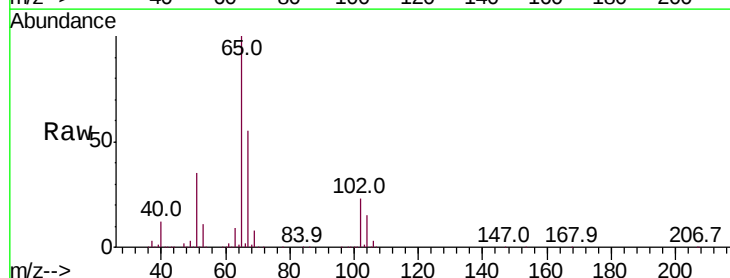
Acq: 19 Mar 2019 7:19

Tgt Ion: 65 Resp: 861867

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

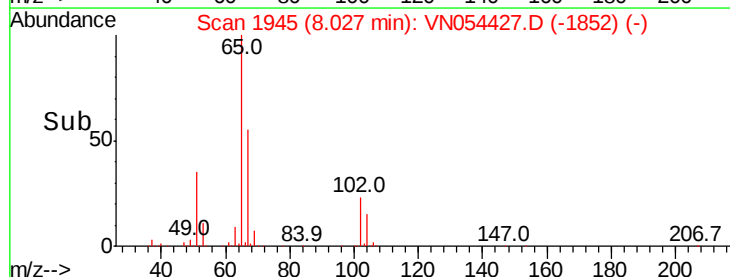
300000

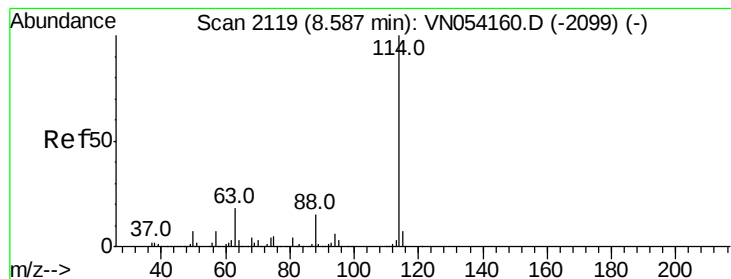
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

P-1-N.WALL

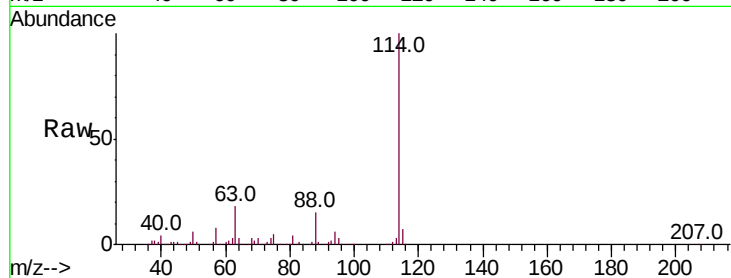
Tot Ion:114 Resp: 2792998

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

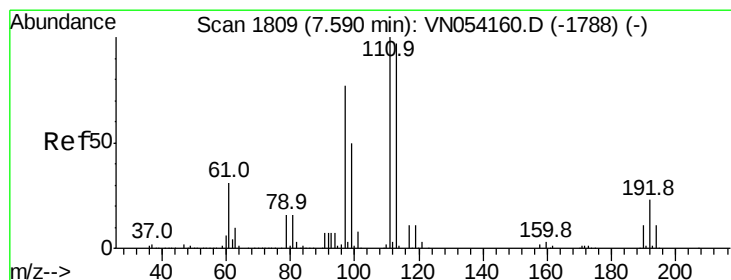
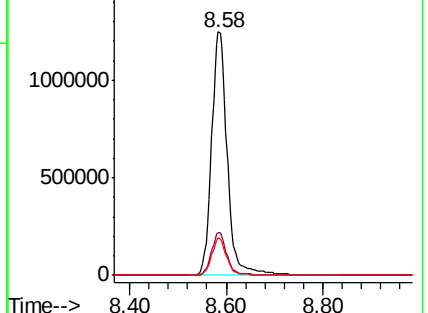
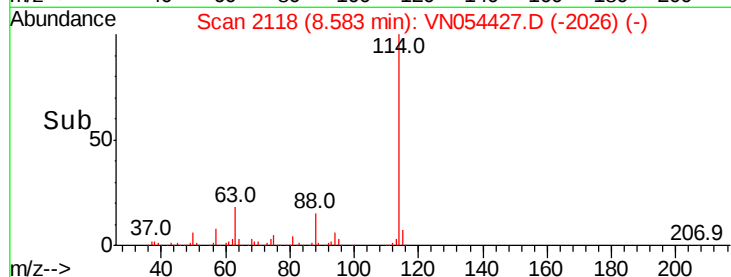
88 15.2 0.0 30.2



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: 45.597 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

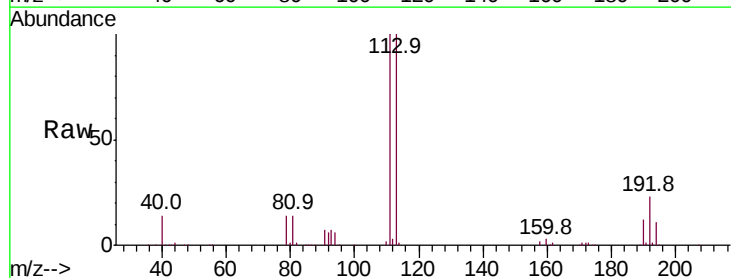
Tgt Ion:113 Resp: 821376

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

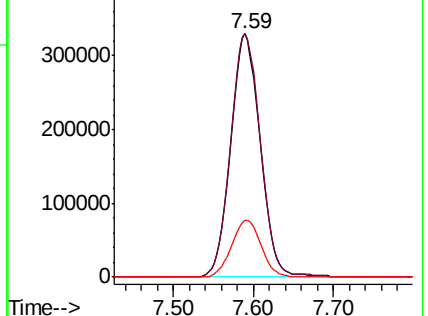
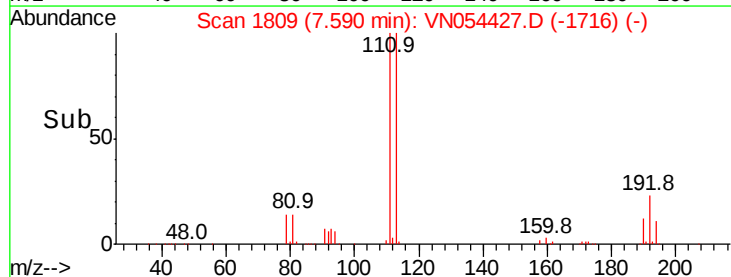
192 23.5 19.2 28.8

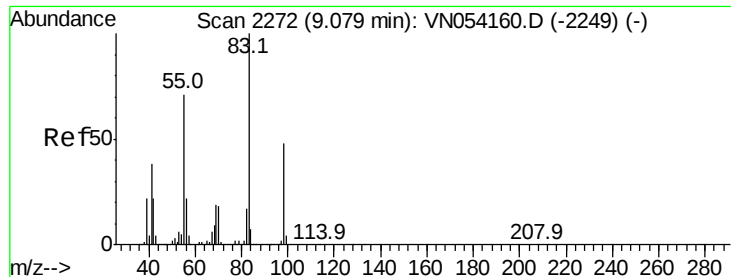


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

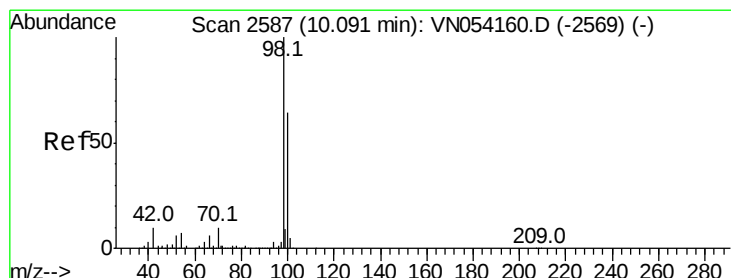
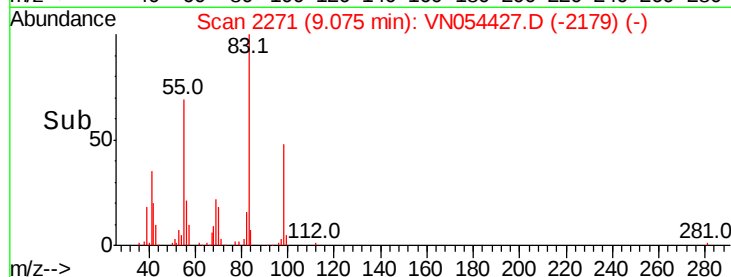
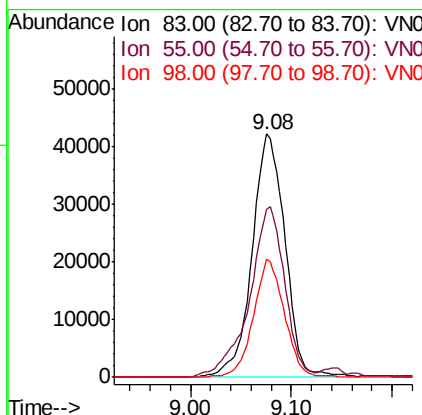
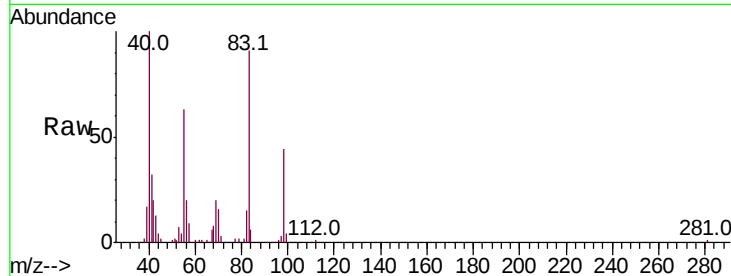




#39
Methvlcvclohexane
Concen: 3.021 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

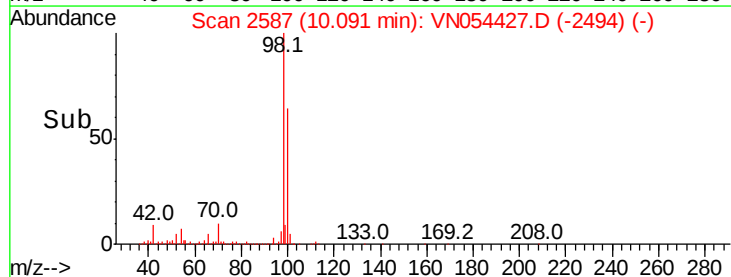
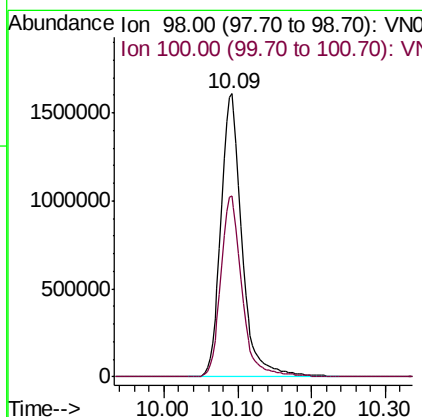
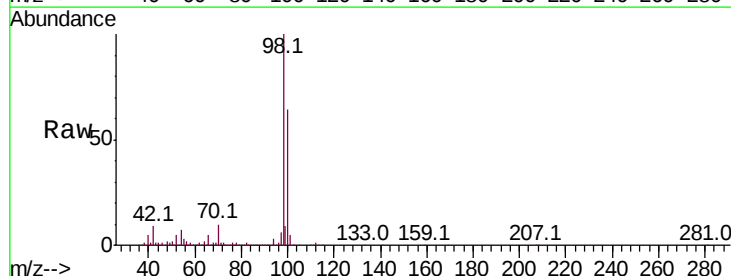
Instrument :
MSVOA_N
ClientSampled :
P-1-N.WALL

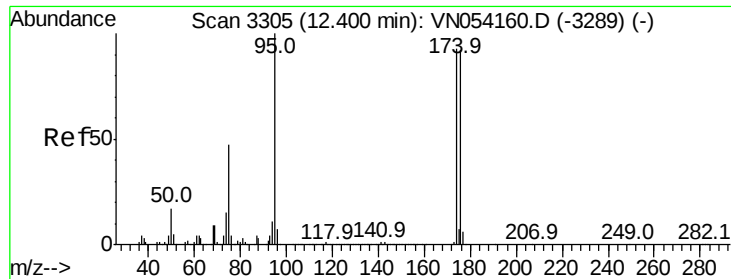
Tot Ion	83	Resp	95617
Ion Ratio	Lower	Upper	
83	100		
55	69.0	56.6	84.8
98	48.4	38.4	57.6



#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion	98	Resp	3208256
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.2	76.8

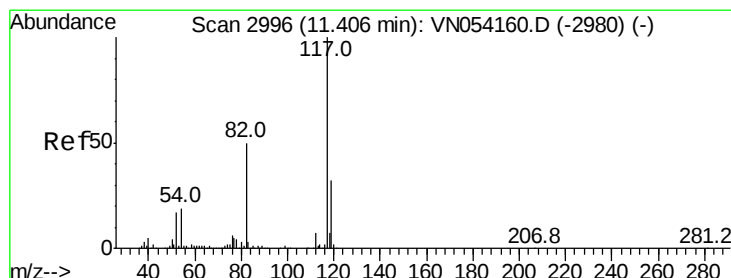
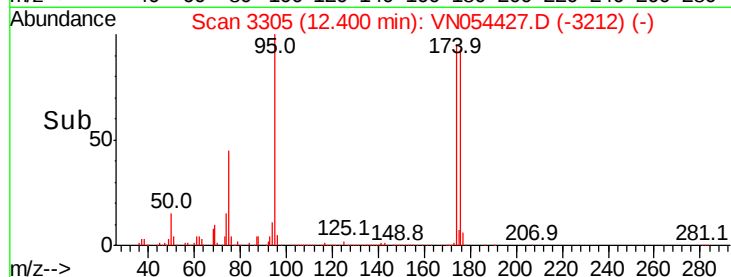
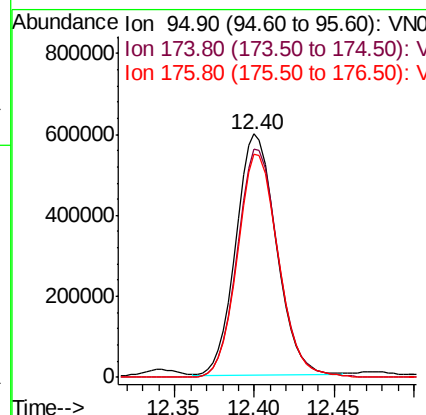
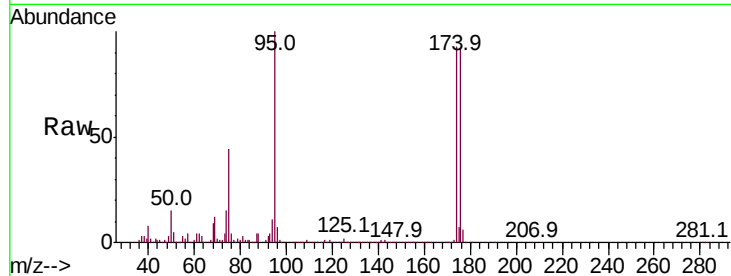




#62
4-Bromofluorobenzene
Concen: 44.077 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

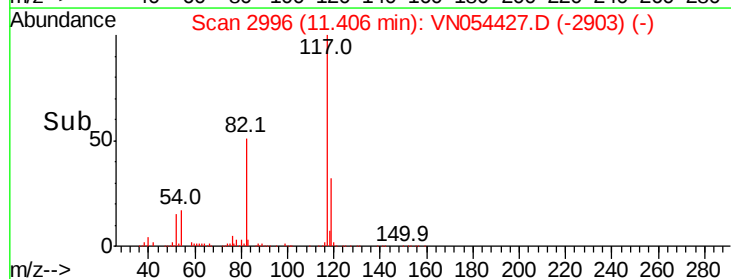
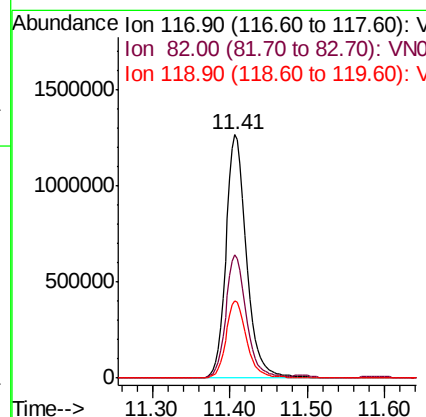
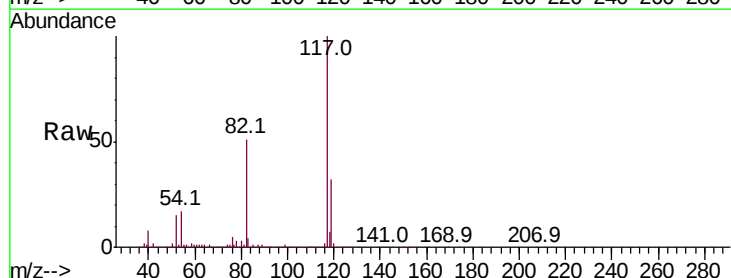
Instrument :
MSVOA_N
ClientSampleId :
P-1-N.WALL

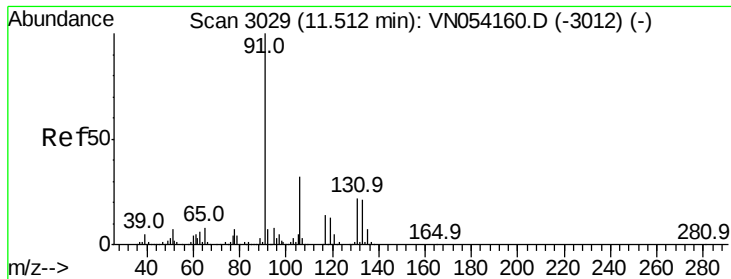
Tot Ion: 95 Resp: 1026019
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.0
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054427.D
Acq: 19 Mar 2019 7:19

Tgt Ion: 117 Resp: 2349631
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 31.8 25.8 38.6





#67

Ethyl Benzene

Concen: 0.821 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

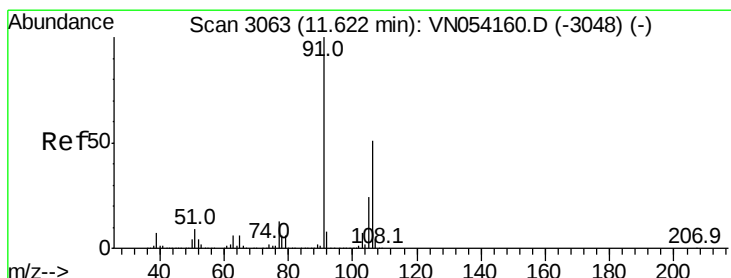
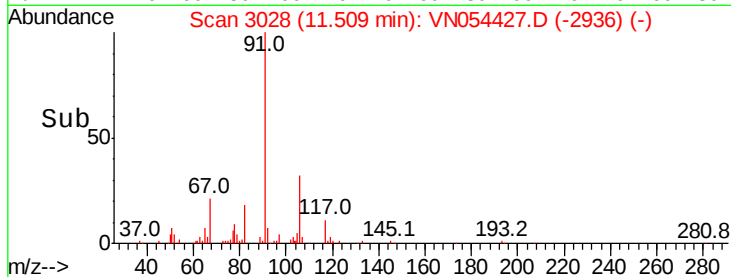
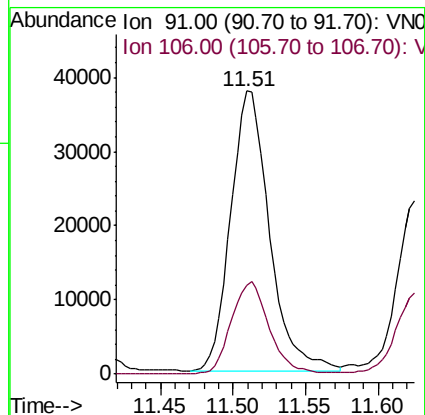
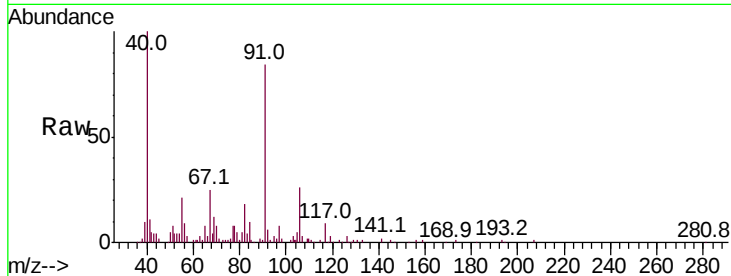
P-1-N.WALL

Tot Ion: 91 Resp: 70180

Ion Ratio Lower Upper

91 100

106 31.7 25.5 38.3



#68

m/p-Xylenes

Concen: 0.621 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN054427.D

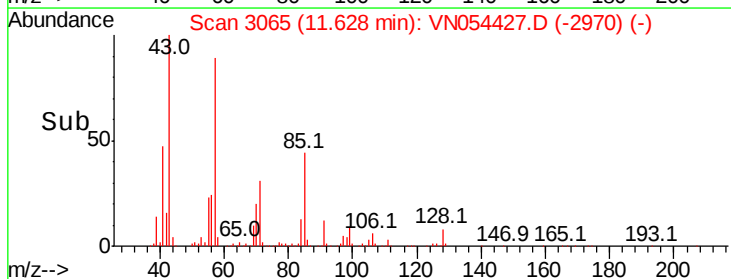
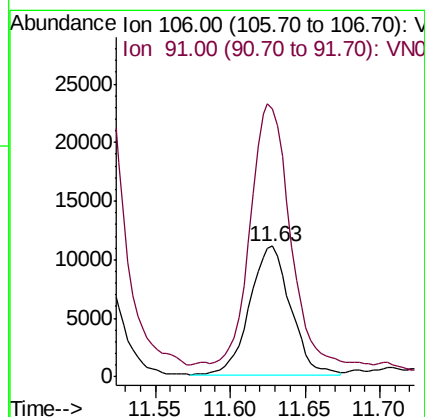
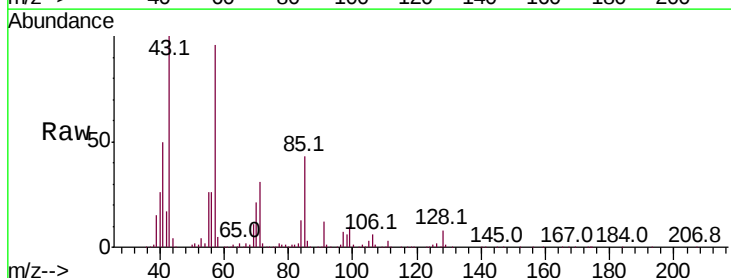
Acq: 19 Mar 2019 7:19

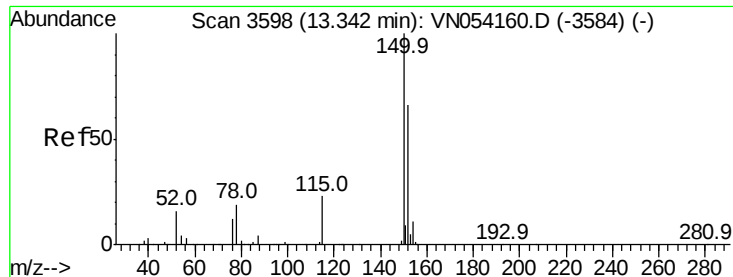
Tgt Ion: 106 Resp: 20772

Ion Ratio Lower Upper

106 100

91 201.8 159.4 239.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

P-1-N.WALL

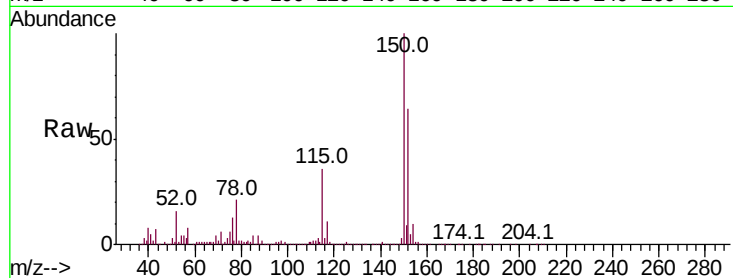
Tot Ion:152 Resp: 1069533

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

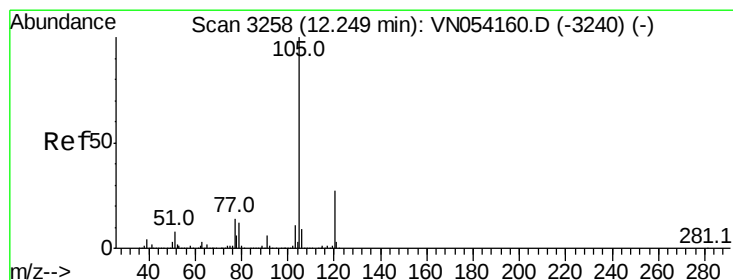
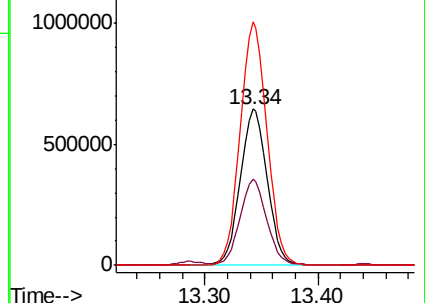
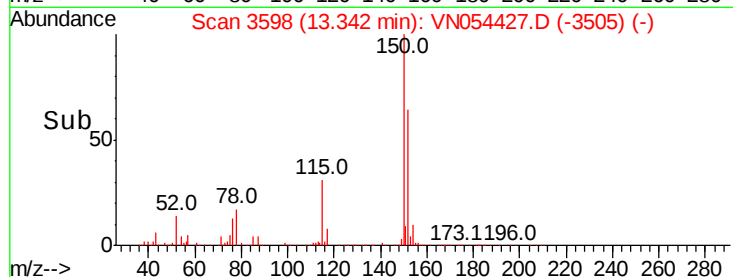
150 154.9 0.0 349.2



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: 2.485 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054427.D

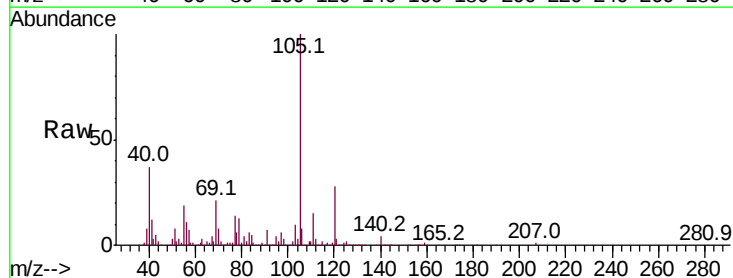
Acq: 19 Mar 2019 7:19

Tgt Ion:105 Resp: 212660

Ion Ratio Lower Upper

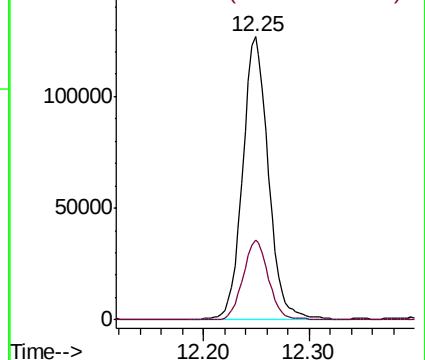
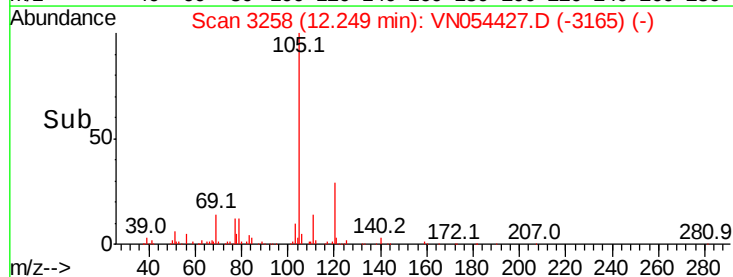
105 100

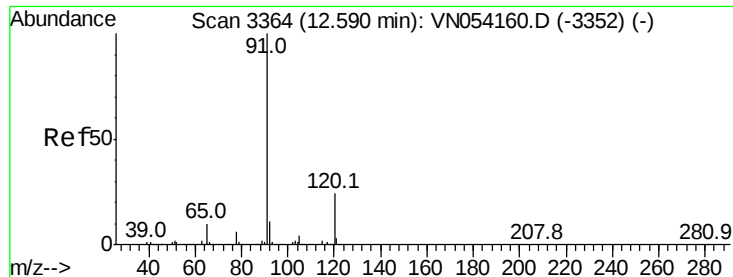
120 28.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.058 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

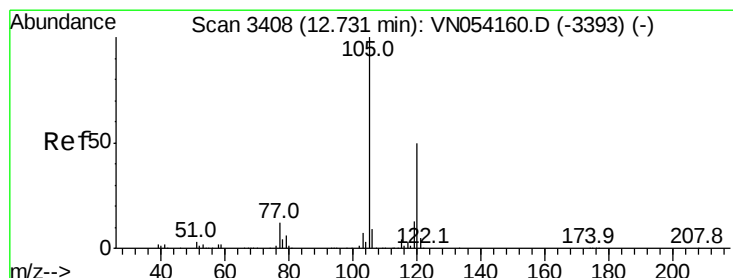
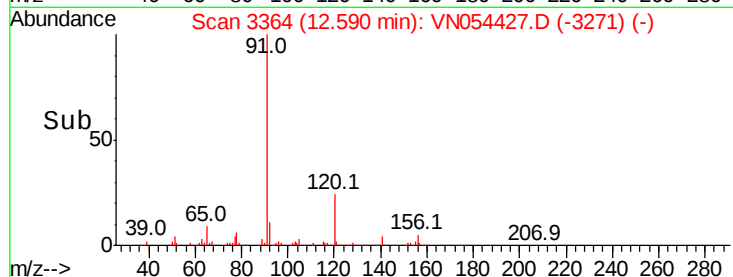
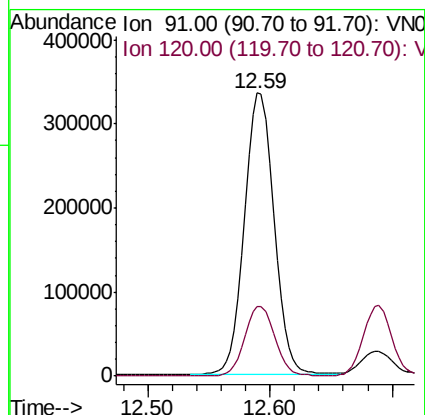
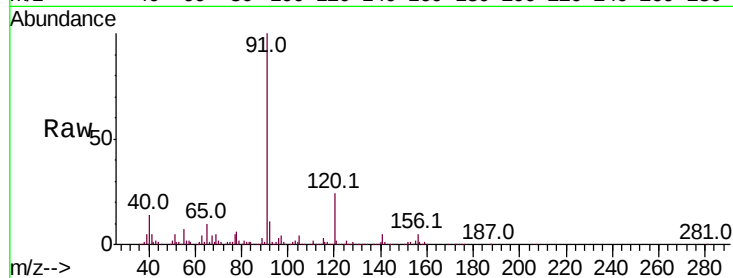
P-1-N.WALL

Tot Ion: 91 Resp: 562497

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 6.233 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.04 min

Lab File: VN054427.D

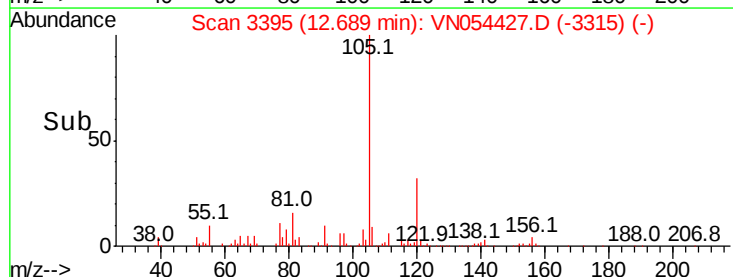
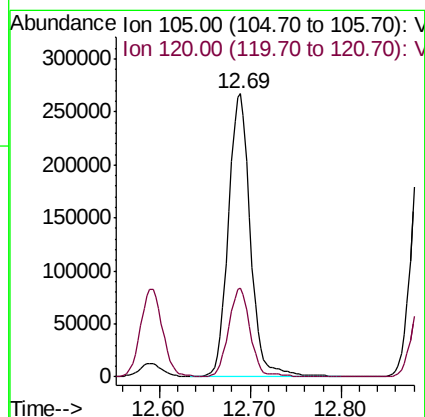
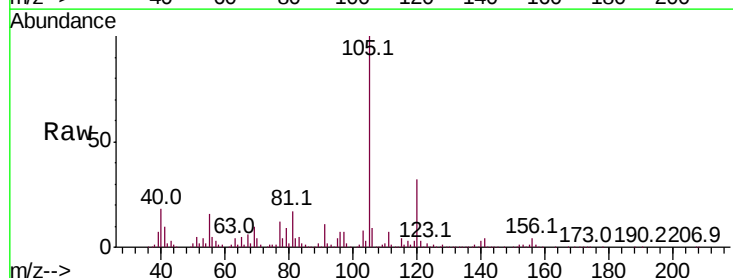
Acq: 19 Mar 2019 7:19

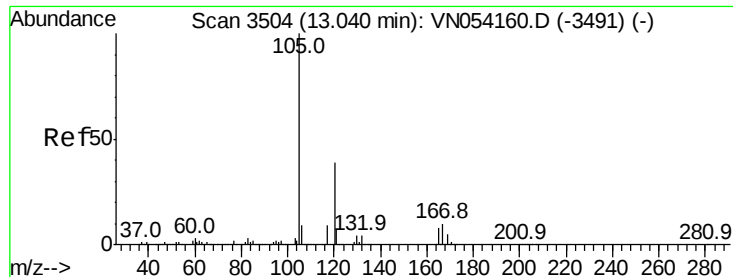
Tgt Ion: 105 Resp: 443632

Ion Ratio Lower Upper

105 100

120 30.9 25.0 75.0





#84

1,2,4-Trimethylbenzene

Concen: 25.007 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampled :

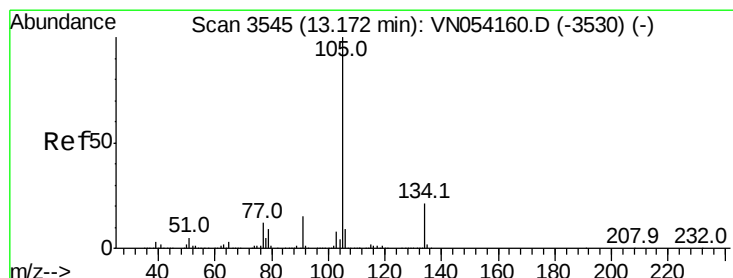
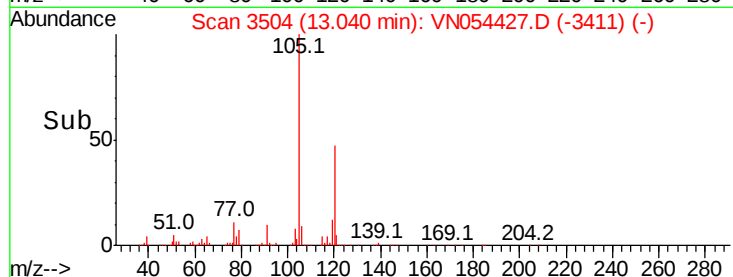
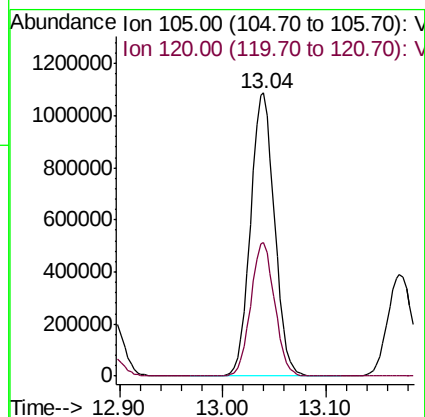
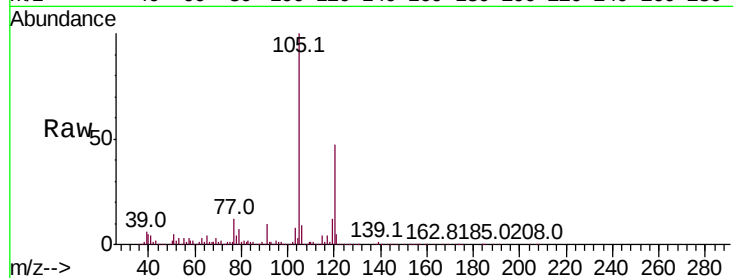
P-1-N.WALL

Tot Ion:105 Resp: 1746151

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.3



#85

sec-Butylbenzene

Concen: 7.593 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054427.D

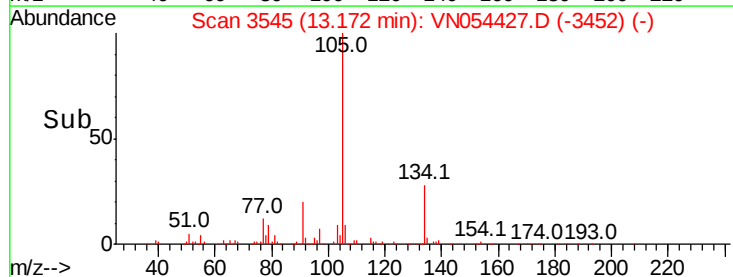
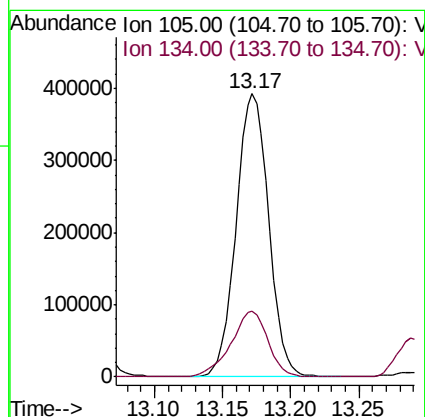
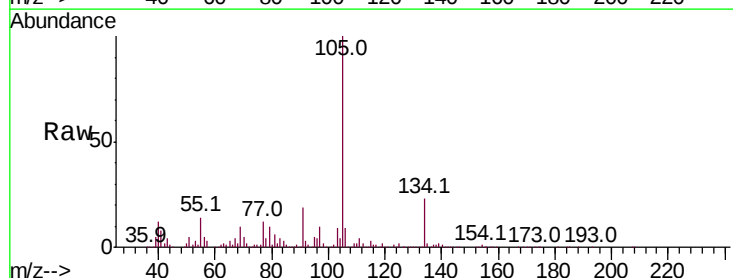
Acq: 19 Mar 2019 7:19

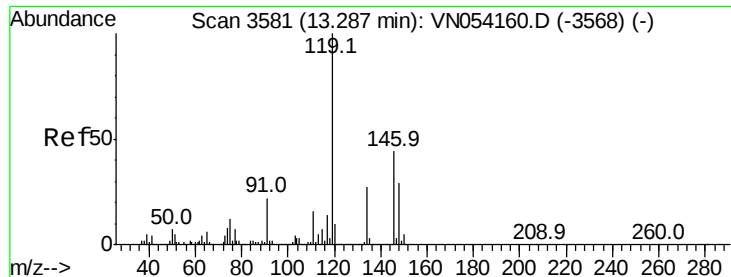
Tgt Ion:105 Resp: 645124

Ion Ratio Lower Upper

105 100

134 26.6 10.7 32.1

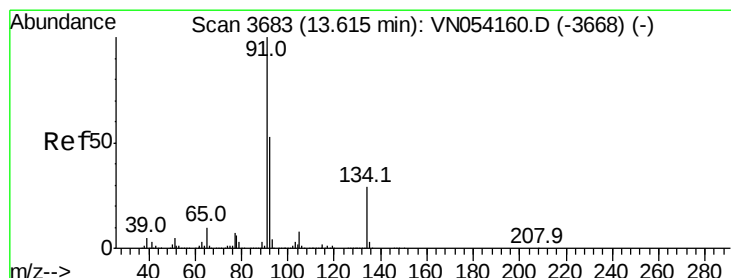
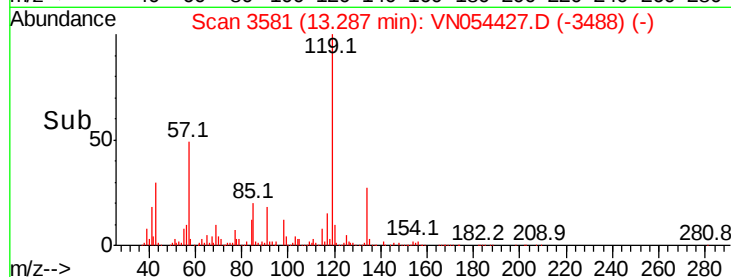
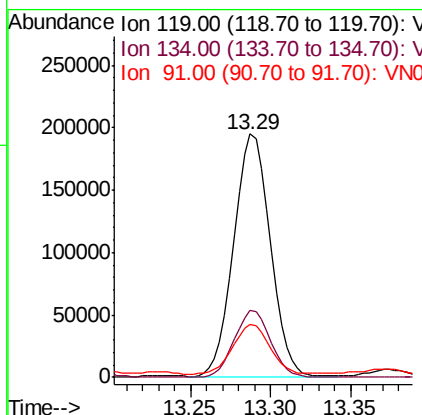
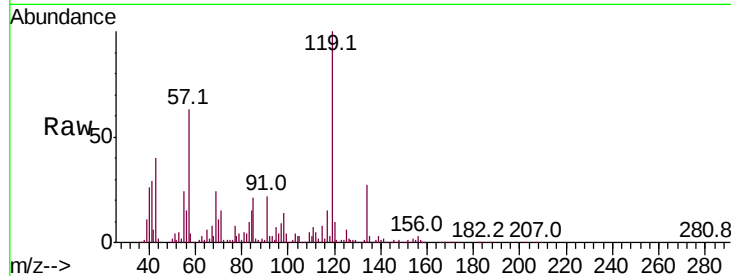




#86
 p-Isopropyltoluene
 Concen: 4.042 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

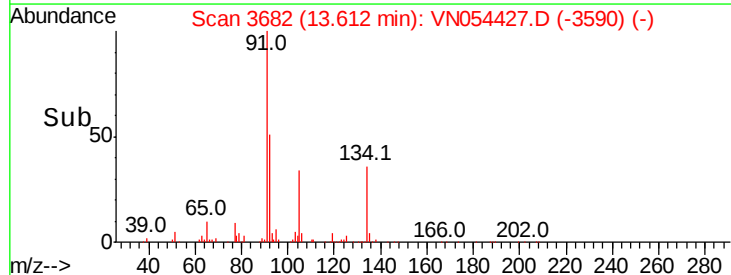
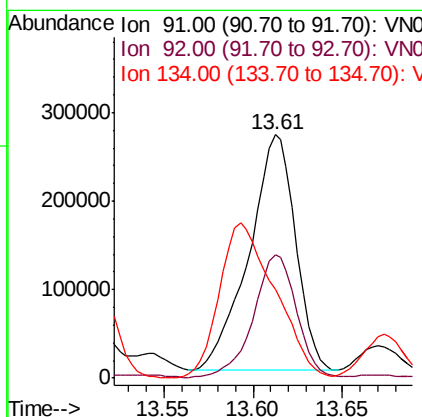
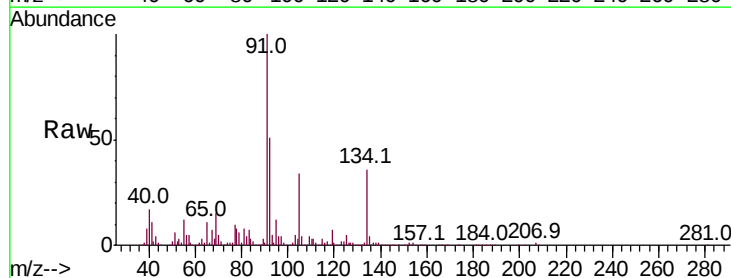
Instrument :
 MSVOA_N
 ClientSampled :
 P-1-N.WALL

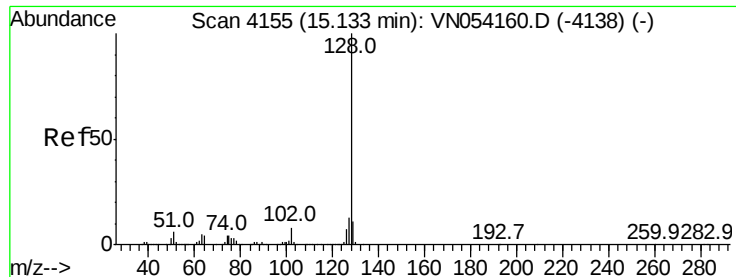
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.8
91	20.7	11.1	33.3



#89
 n-Butylbenzene
 Concen: 8.586 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054427.D
 Acq: 19 Mar 2019 7:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	26.2	78.6
134	77.4	14.3	42.9





#95

Naphthalene

Concen: 11.610 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054427.D

Acq: 19 Mar 2019 7:19

Instrument :

MSVOA_N

ClientSampleId :

P-1-N.WALL

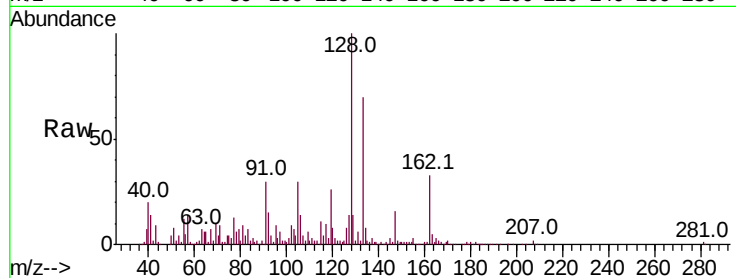
Tot Ion:128 Resp: 410318

Ion Ratio Lower Upper

128 100

127 15.0 10.1 15.1

129 8.4 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

