

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063445.D
 Acq On : 18 Sep 2020 2:22
 Operator : JC/MD
 Sample : L3928-07MEDL 5X
 Misc : 4.65µL/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5-16.5-17.0MEDL

Quant Time: Sep 18 05:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	231367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	192013	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.55	113	137025	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	10.06	98	554126	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	233267	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	

Target Compounds

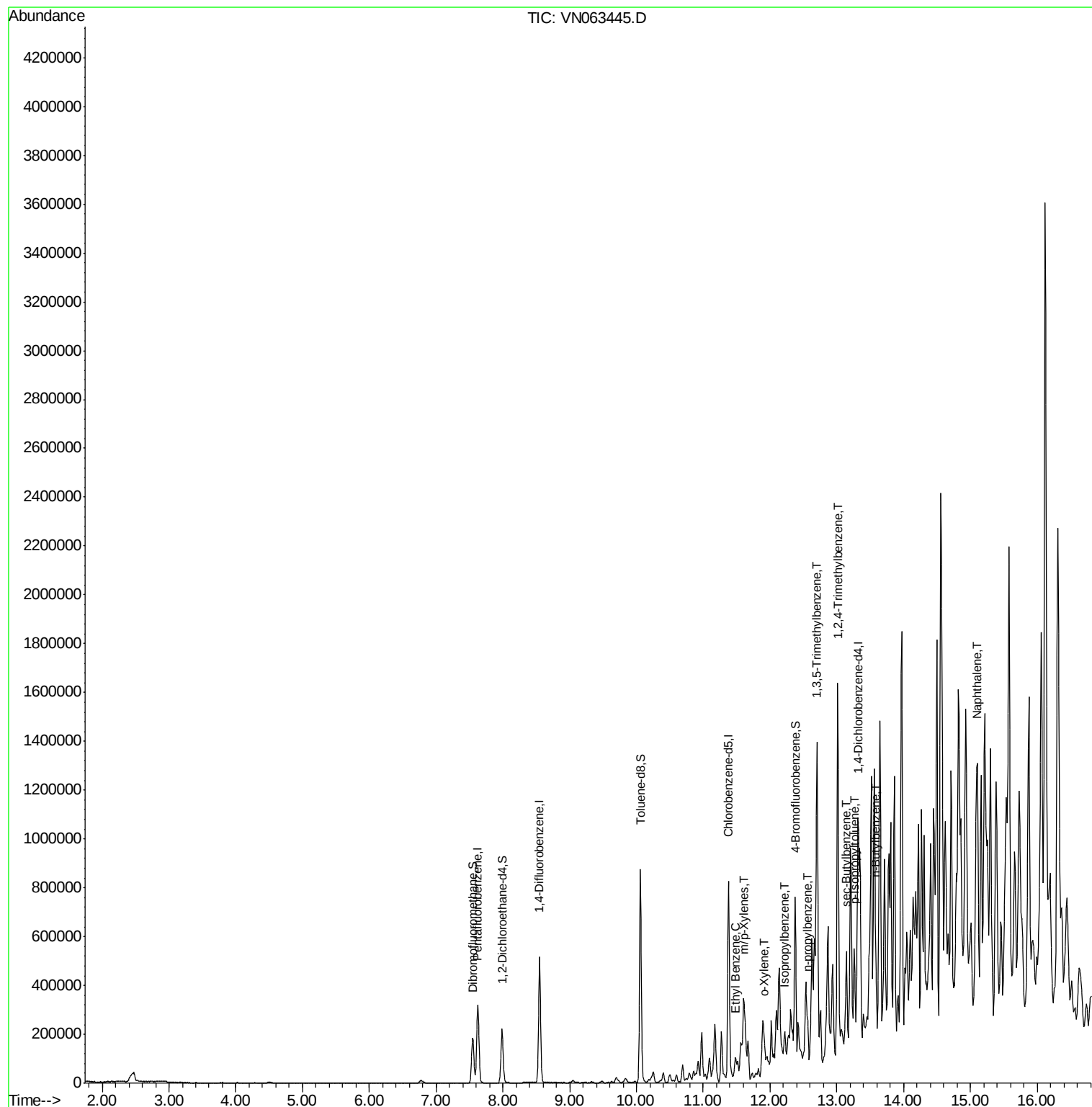
						Qvalue
67) Ethyl Benzene	11.49	91	46997	2.775	ug/l	98
68) m/p-Xylenes	11.60	106	31726	5.195	ug/l	99
69) o-Xylene	11.92	106	9243	1.589	ug/l	89
73) Isopropylbenzene	12.22	105	70556	4.242	ug/l	98
78) n-propylbenzene	12.57	91	139154	7.182	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	173718	12.524	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	806652	57.574	ug/l	99
85) sec-Butylbenzene	13.15	105	216669	14.139	ug/l	94
86) p-Isopropyltoluene	13.26	119	156357	11.568	ug/l	100
89) n-Butylbenzene	13.59	91	116540	9.354	ug/l #	71
95) Naphthalene	15.10	128	540164	40.731	ug/l	98

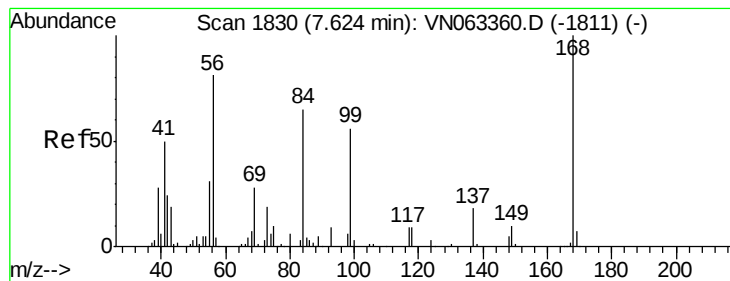
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 05:43:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

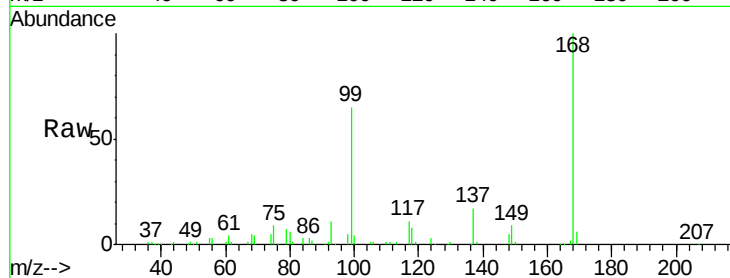
SB-5-16.5-17.0MEDL

Tot Ion:168 Resp: 231367

Ion Ratio Lower Upper

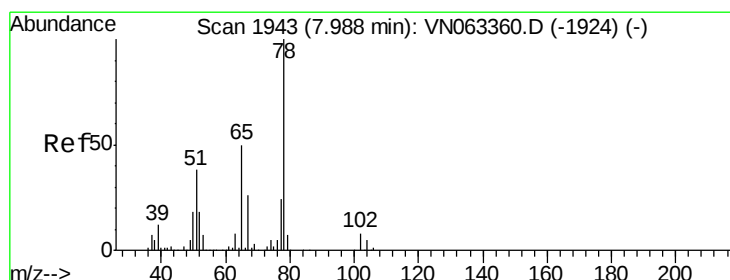
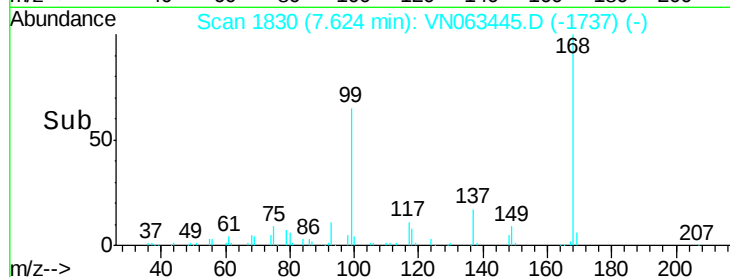
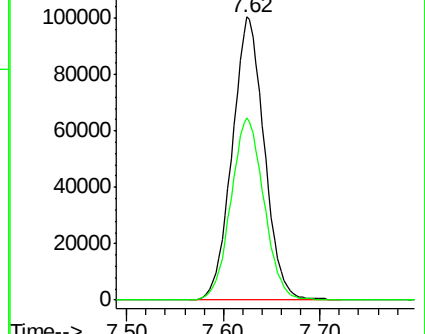
168 100

99 64.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.753 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063445.D

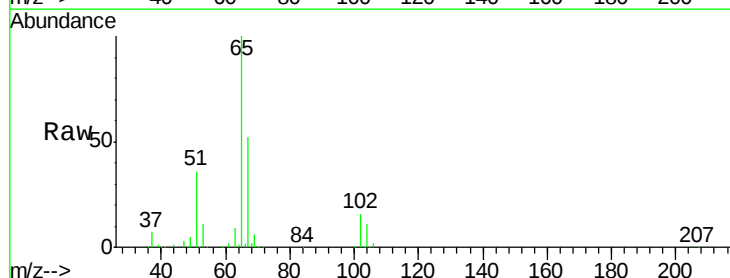
Acq: 18 Sep 2020 2:22

Tgt Ion: 65 Resp: 192013

Ion Ratio Lower Upper

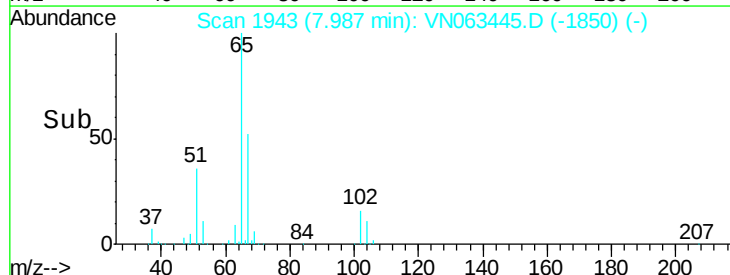
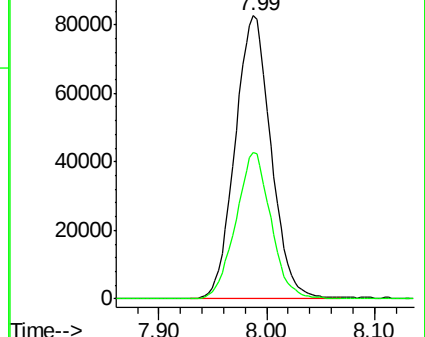
65 100

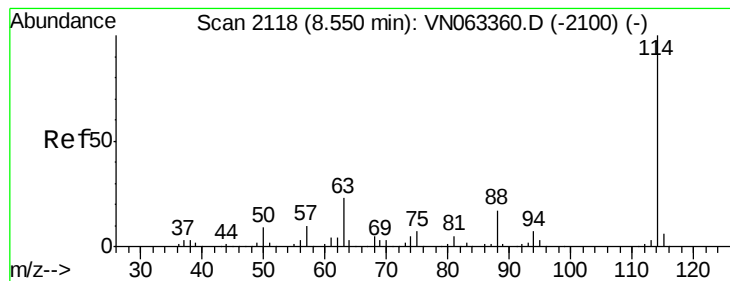
67 50.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

SB-5-16.5-17.0MEDL

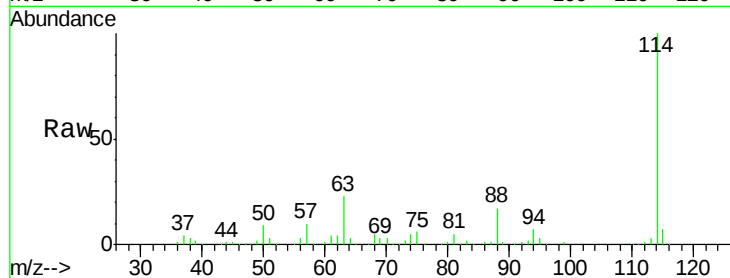
Tot Ion:114 Resp: 428561

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 16.7 0.0 33.2

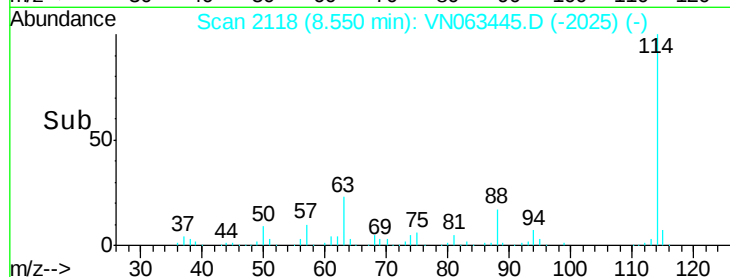


Abundance Ion 113.90 (113.60 to 114.60): V

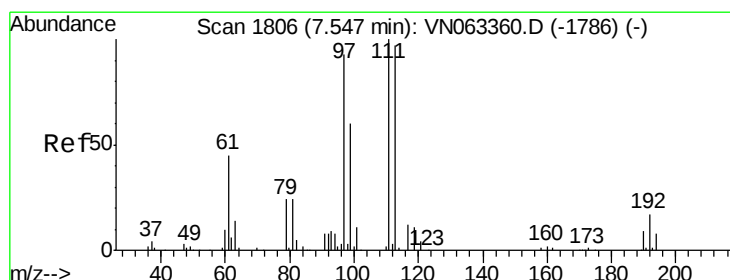
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 46.185 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

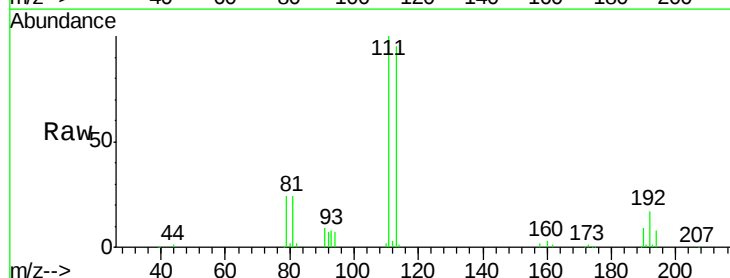
Tgt Ion:113 Resp: 137025

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

192 17.8 13.9 20.9

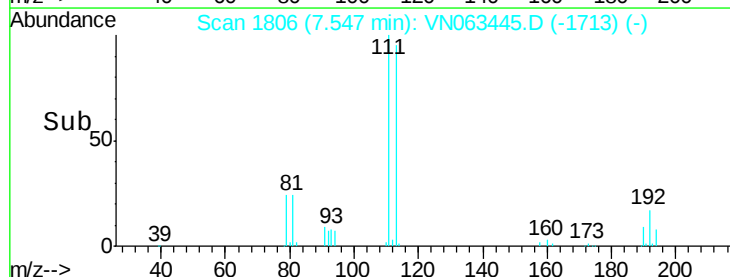


Abundance Ion 112.80 (112.50 to 113.50): V

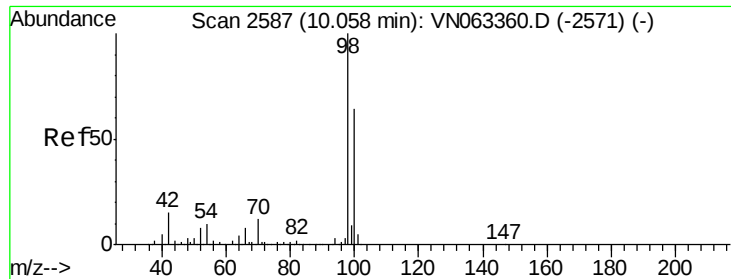
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#50

Toluene-d8

Concen: 49.671 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

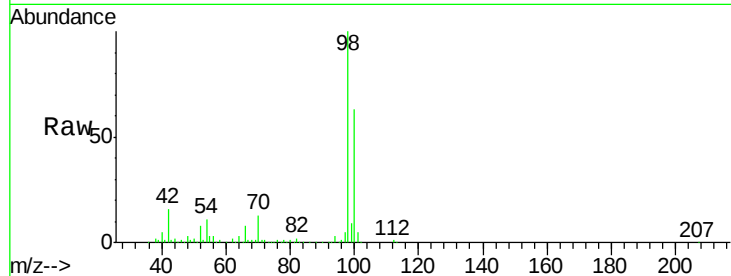
SB-5-16.5-17.0MEDL

Tot Ion: 98 Resp: 554126

Ion Ratio Lower Upper

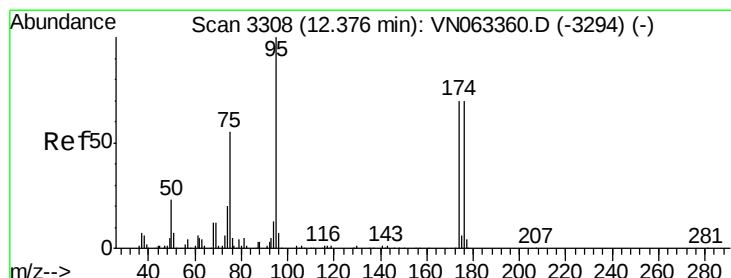
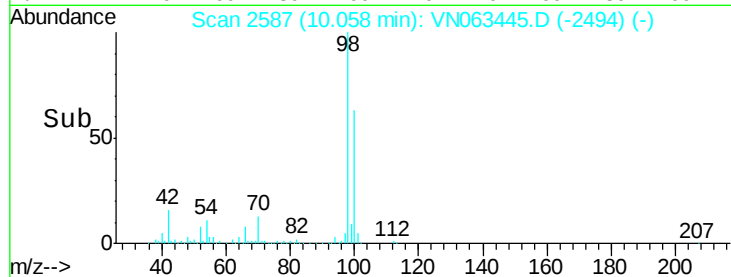
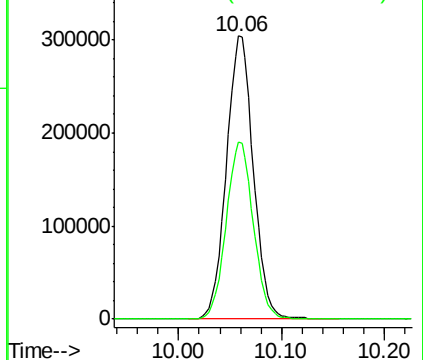
98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 57.040 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

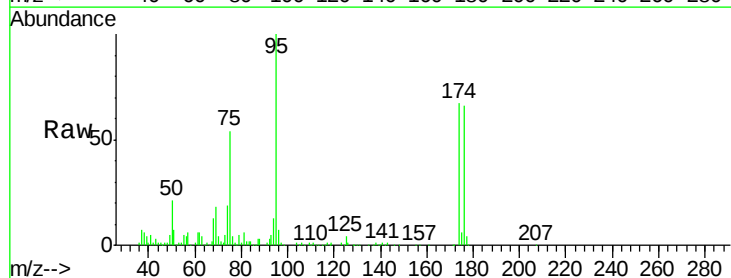
Tgt Ion: 95 Resp: 233267

Ion Ratio Lower Upper

95 100

174 69.1 0.0 140.8

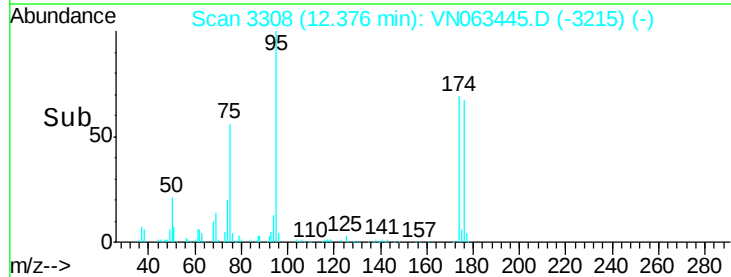
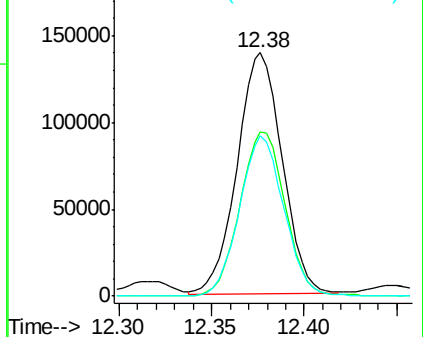
176 66.0 0.0 137.6

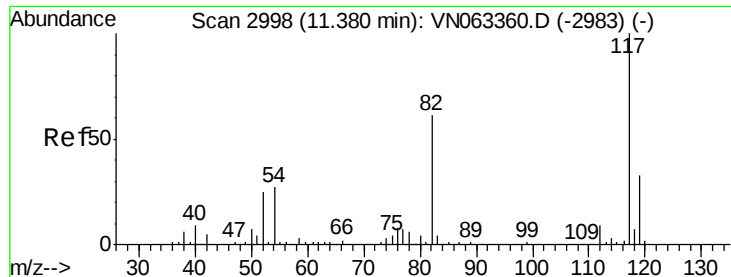


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

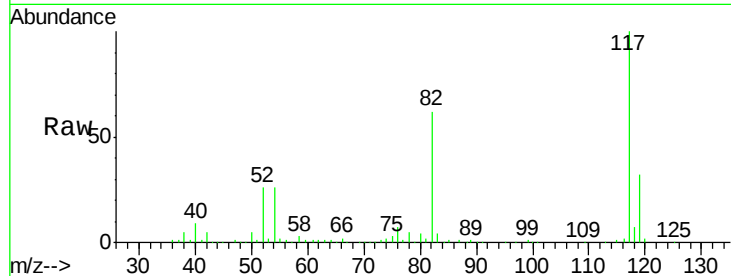




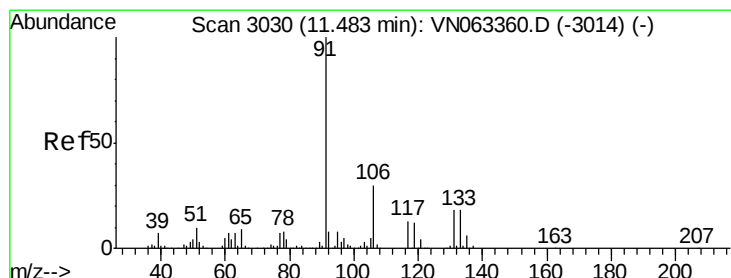
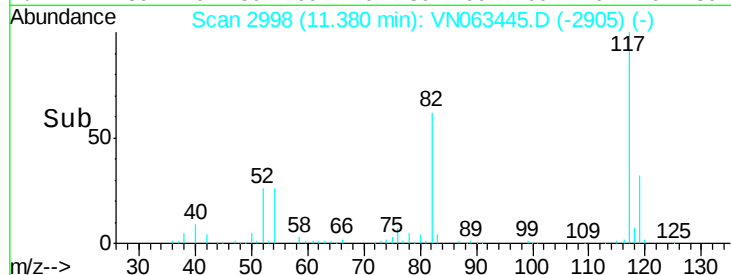
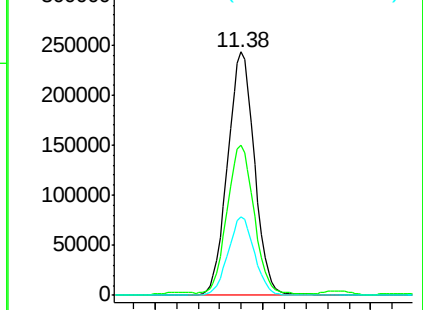
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063445.D
Acq: 18 Sep 2020 2:22

Instrument :
MSVOA_N
ClientSampleId :
SB-5-16.5-17.0MEDL

Tot Ion:117 Resp: 423703
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.2 26.2 39.4

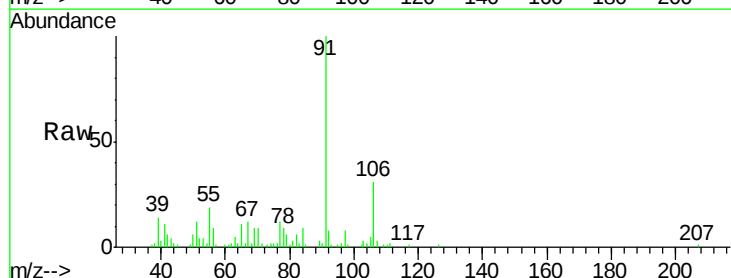


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

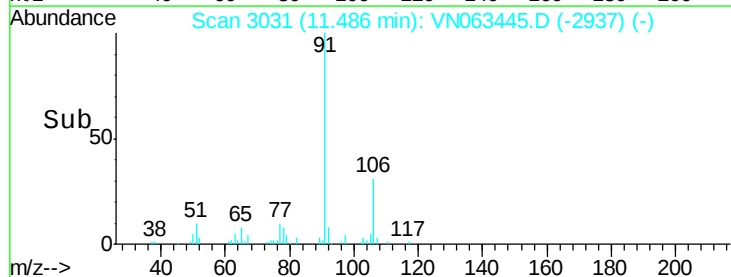
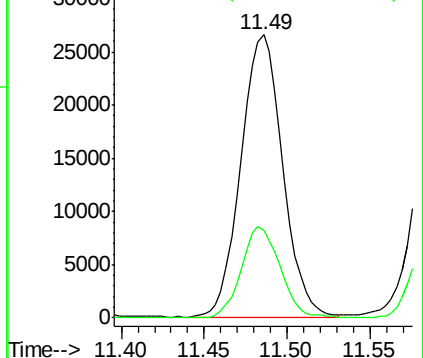


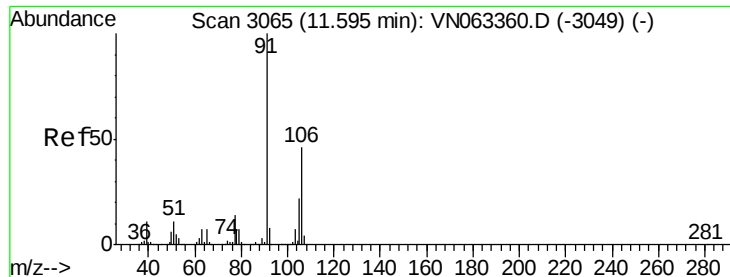
#67
Ethyl Benzene
Concen: 2.775 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063445.D
Acq: 18 Sep 2020 2:22

Tgt Ion: 91 Resp: 46997
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 5.195 ug/l

RT: 11.60 min Scan# 3066

Delta R.T. 0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

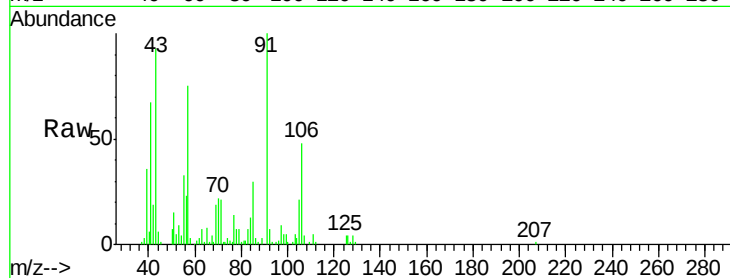
SB-5-16.5-17.0MEDL

Tot Ion:106 Resp: 31726

Ion Ratio Lower Upper

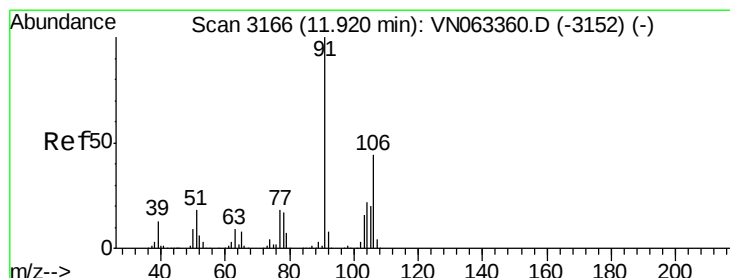
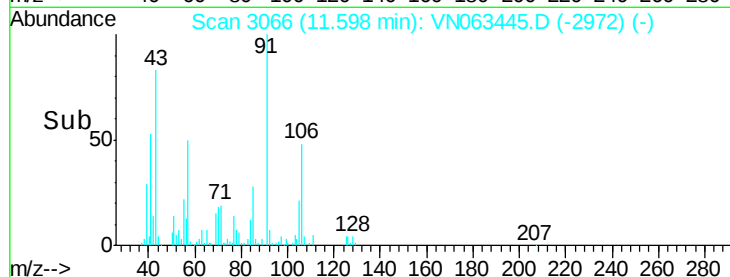
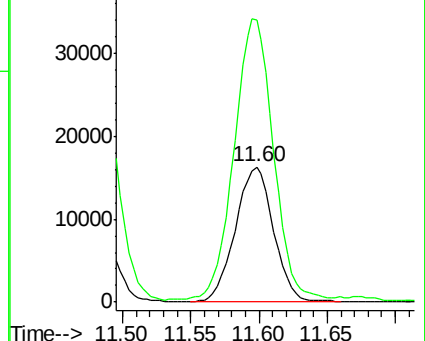
106 100

91 212.2 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.589 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063445.D

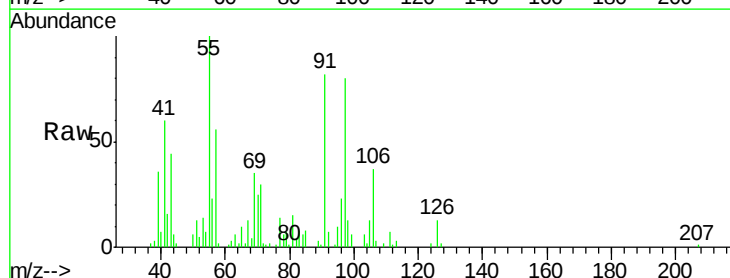
Acq: 18 Sep 2020 2:22

Tgt Ion:106 Resp: 9243

Ion Ratio Lower Upper

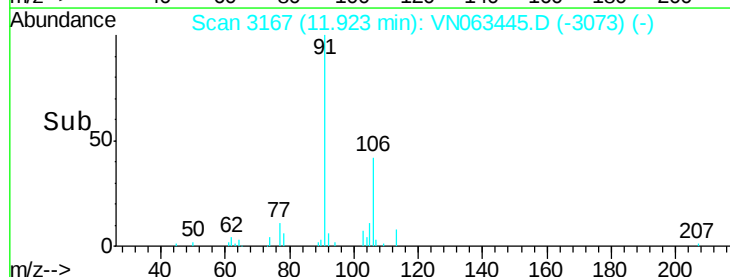
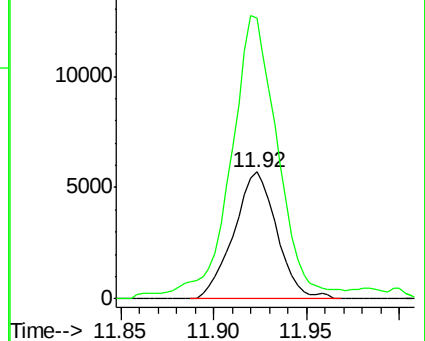
106 100

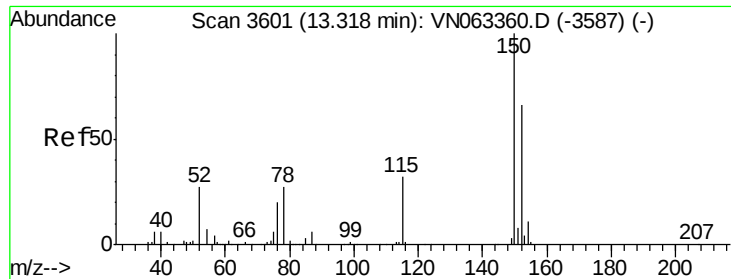
91 245.4 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

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ClientSampleId :

SB-5-16.5-17.0MEDL

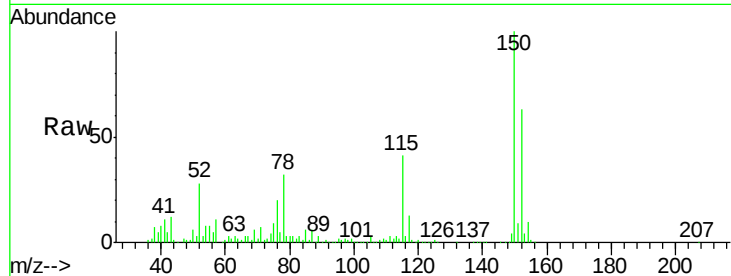
Tot Ion:152 Resp: 207581

Ion Ratio Lower Upper

152 100

115 72.1 32.2 96.6

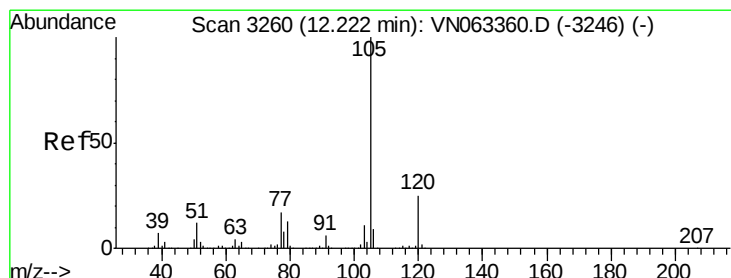
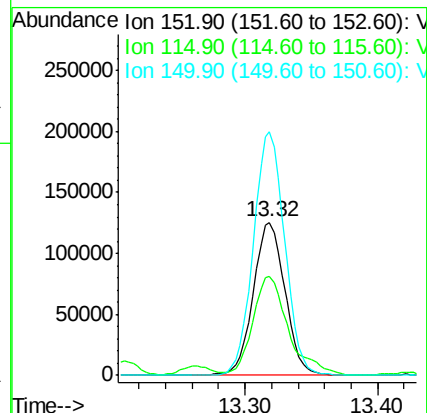
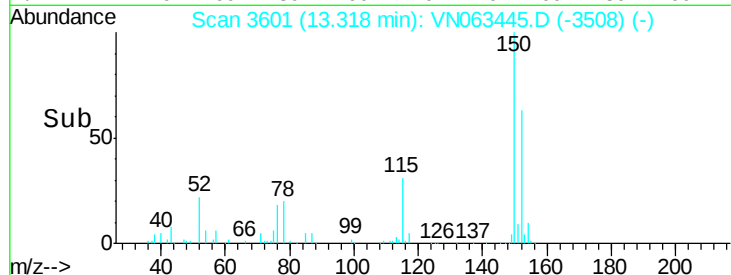
150 158.4 0.0 343.4



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: 4.242 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063445.D

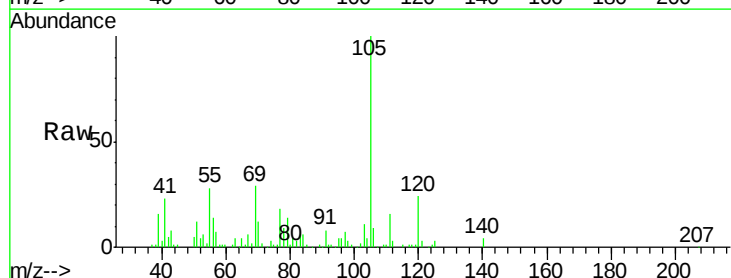
Acq: 18 Sep 2020 2:22

Tgt Ion:105 Resp: 70556

Ion Ratio Lower Upper

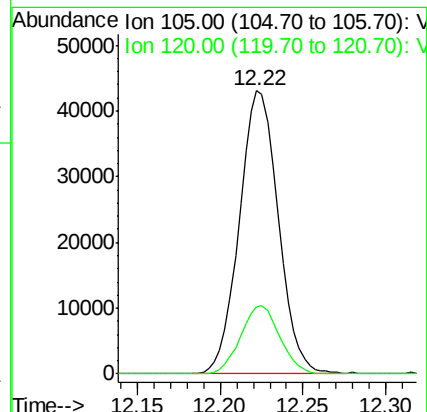
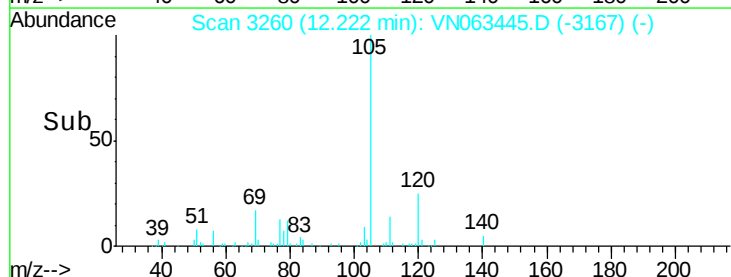
105 100

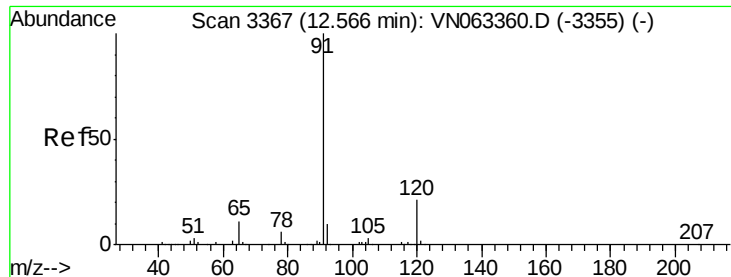
120 24.2 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.182 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063445.D

Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

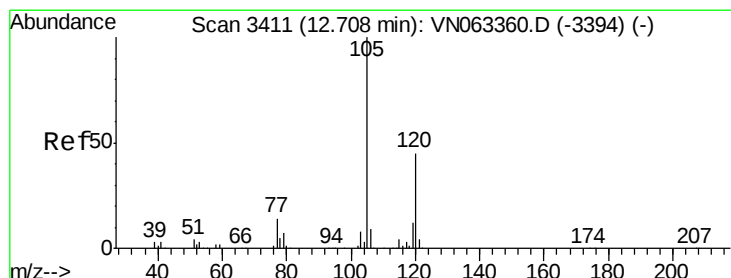
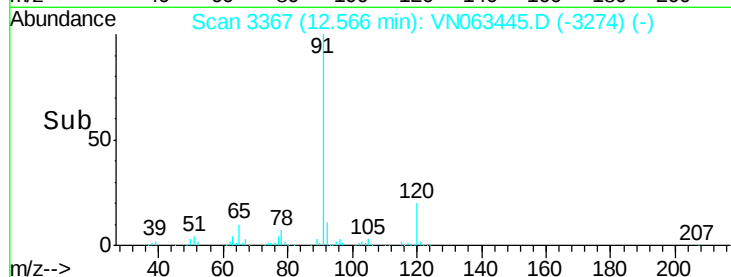
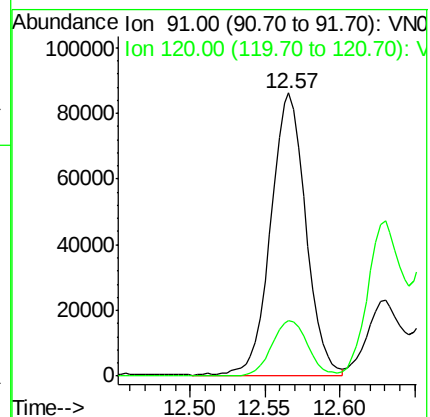
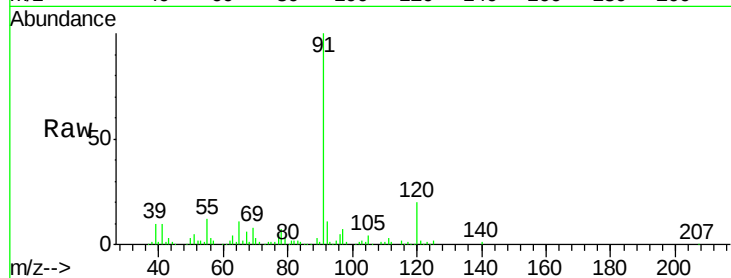
SB-5-16.5-17.0MEDL

Tot Ion: 91 Resp: 139154

Ion Ratio Lower Upper

91 100

120 20.4 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 12.524 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063445.D

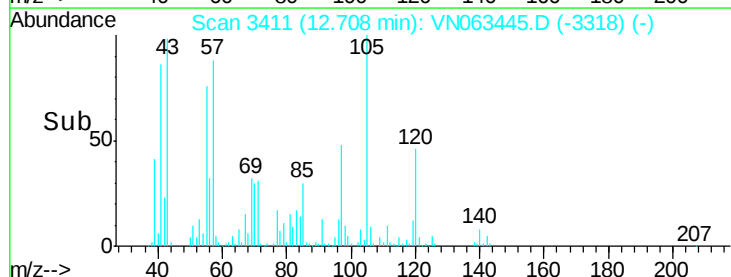
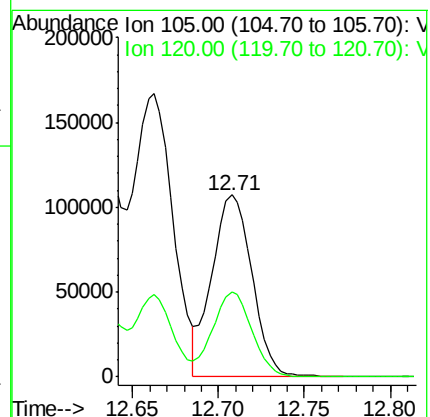
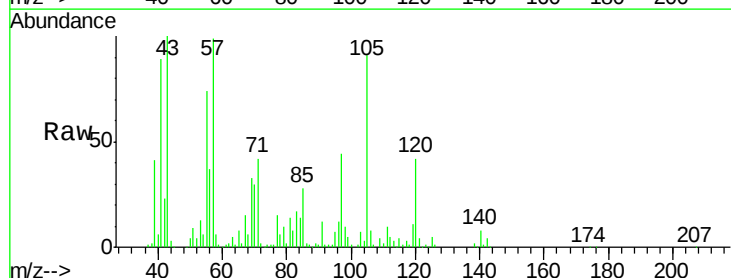
Acq: 18 Sep 2020 2:22

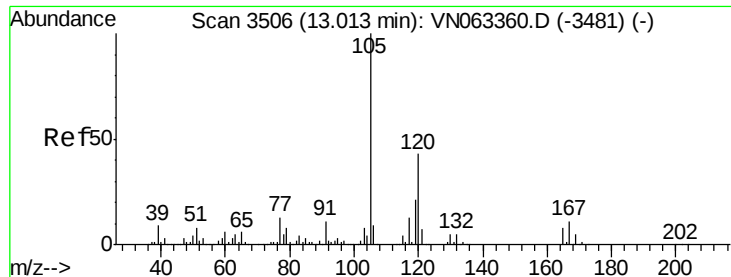
Tgt Ion: 105 Resp: 173718

Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.8

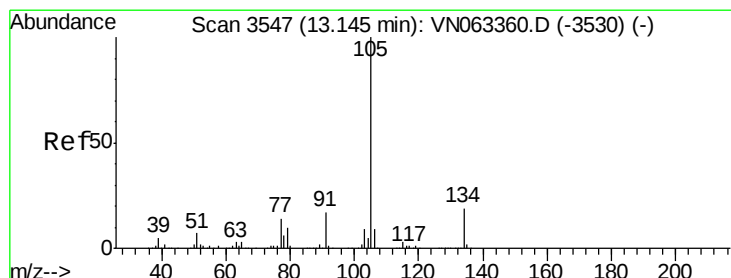
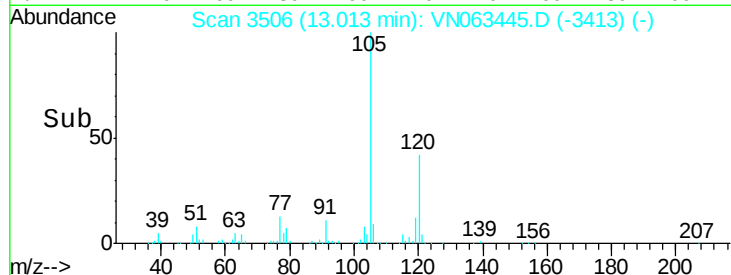
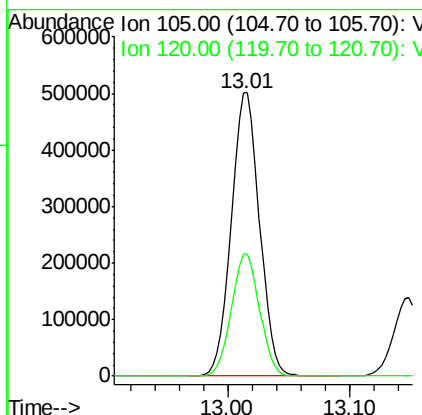
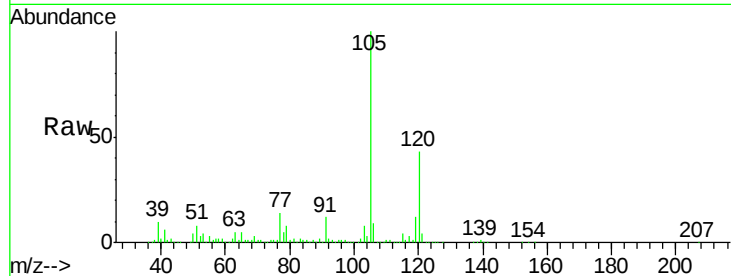




#84
 1,2,4-Trimethylbenzene
 Concen: 57.574 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063445.D
 Acq: 18 Sep 2020 2:22

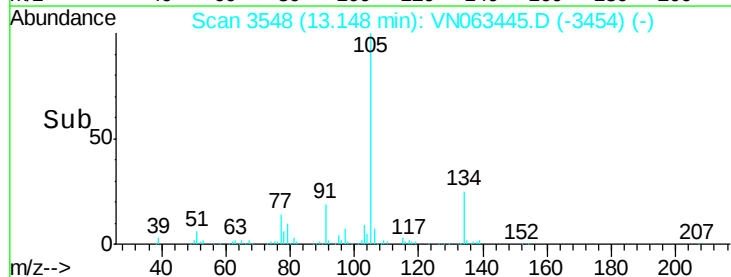
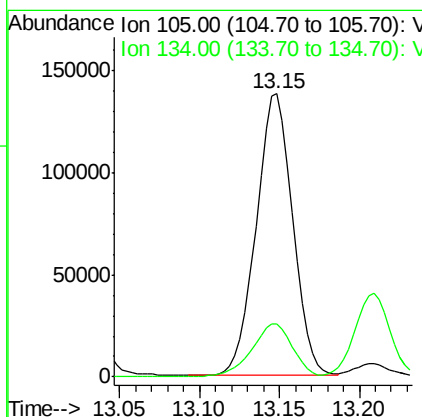
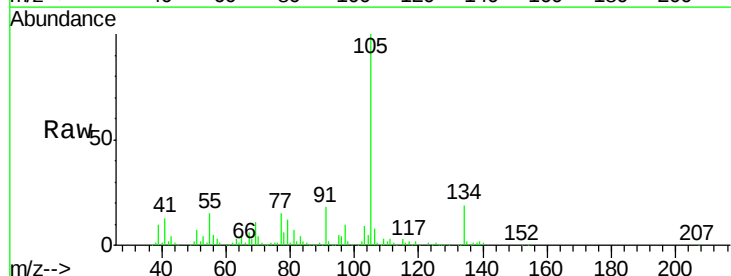
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5-16.5-17.0MEDL

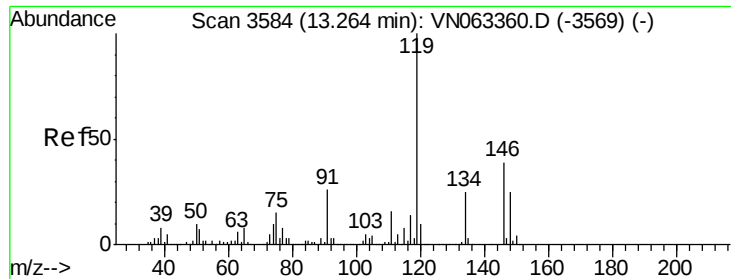
Tot Ion:105 Resp: 806652
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 14.139 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063445.D
 Acq: 18 Sep 2020 2:22

Tgt Ion:105 Resp: 216669
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.3 27.7

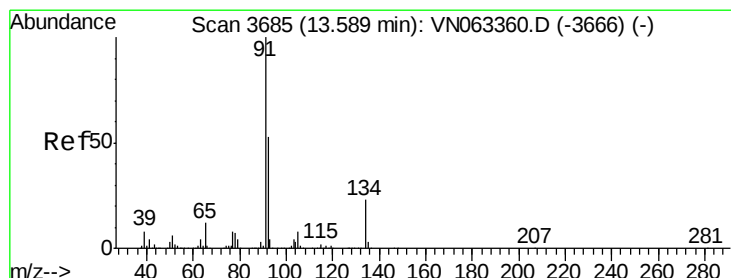
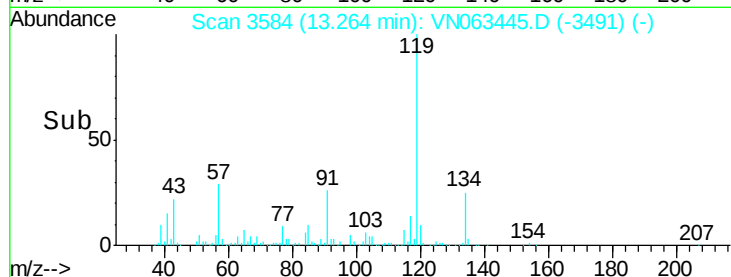
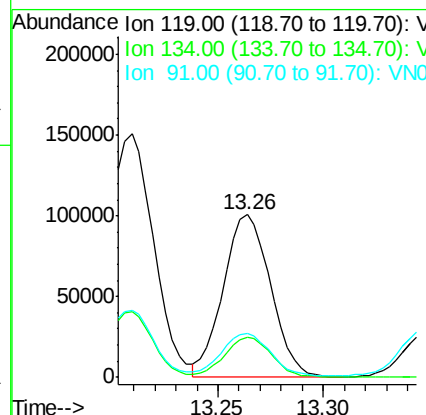
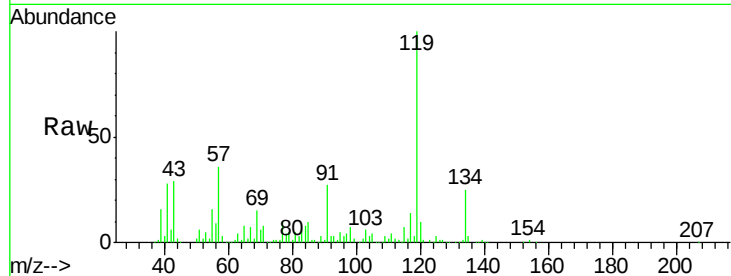




#86
p-Isopropyltoluene
Concen: 11.568 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN063445.D
Acq: 18 Sep 2020 2:22

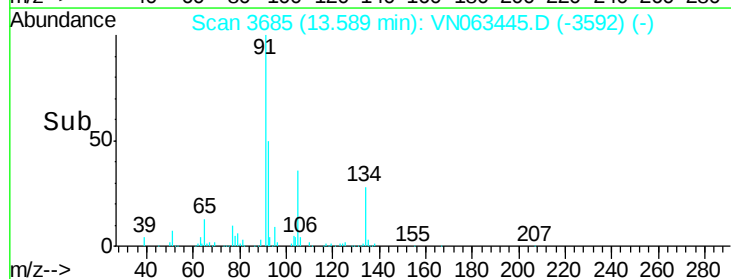
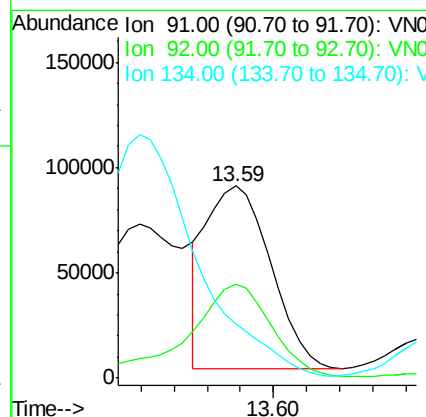
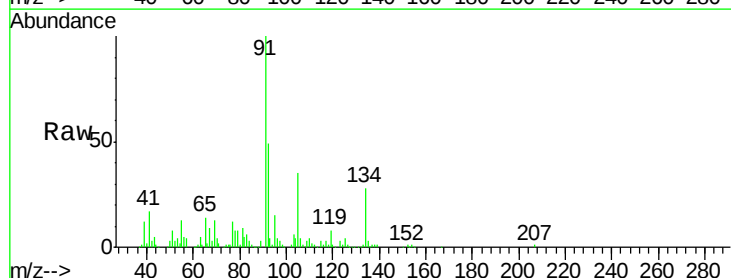
Instrument :
MSVOA_N
ClientSampleId :
SB-5-16.5-17.0MEDL

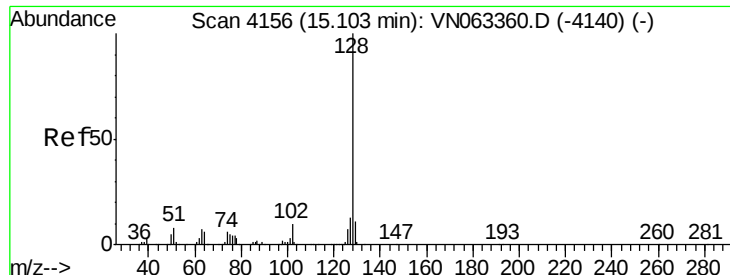
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.5	37.5
91	26.6	13.4	40.1



#89
n-Butylbenzene
Concen: 9.354 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063445.D
Acq: 18 Sep 2020 2:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.7	26.0	78.0
134	0.0	11.7	35.0#





#95

Naphthalene

Concen: 40.731 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063445.D

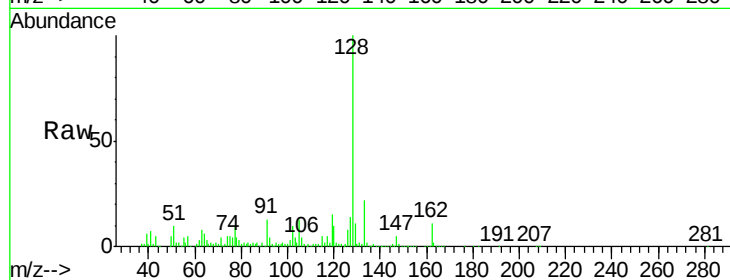
Acq: 18 Sep 2020 2:22

Instrument :

MSVOA_N

ClientSampleId :

SB-5-16.5-17.0MEDL



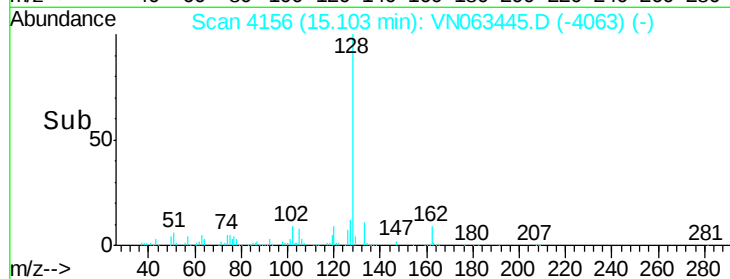
Tot Ion:128 Resp: 540164

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 11.8 8.8 13.2



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

