

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060077.D
 Acq On : 12 Feb 2020 16:44
 Operator : JC/MD
 Sample : L1491-04MEDL 10X
 Misc : 11.59µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2A-(13.5-15.5)MEDL

Quant Time: Feb 13 01:17:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

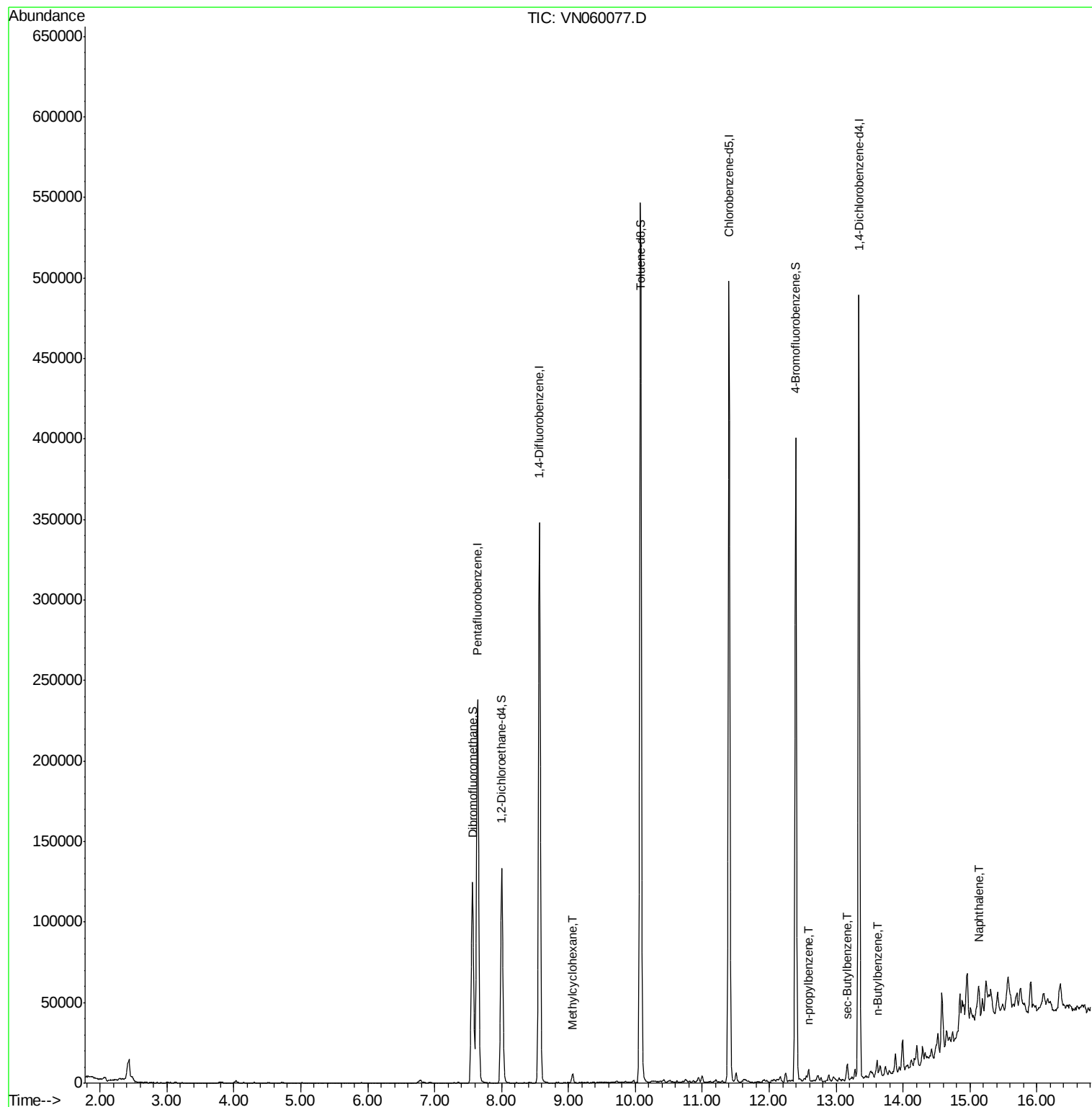
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115808	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	7.56	113	95629	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.08	98	381952	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	136727	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
39) Methylcyclohexane	9.06	83	2640	0.723	ug/l #	88
78) n-propylbenzene	12.59	91	7177	0.637	ug/l	98
85) sec-Butylbenzene	13.17	105	7281	0.755	ug/l	94
89) n-Butylbenzene	13.61	91	6319	0.823	ug/l	90
95) Naphthalene	15.13	128	13493	1.998	ug/l	98

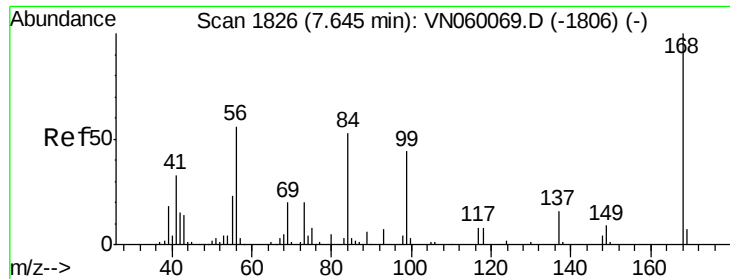
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021220\
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ClientSampleId :
SB-2A-(13.5-15.5)MEDL

Quant Time: Feb 13 01:17:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

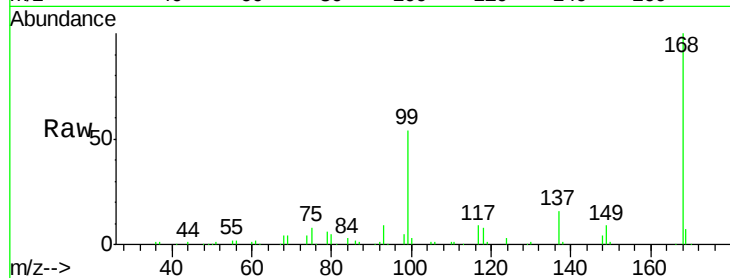
SB-2A-(13.5-15.5)MEDL

Tot Ion:168 Resp: 199962

Ion Ratio Lower Upper

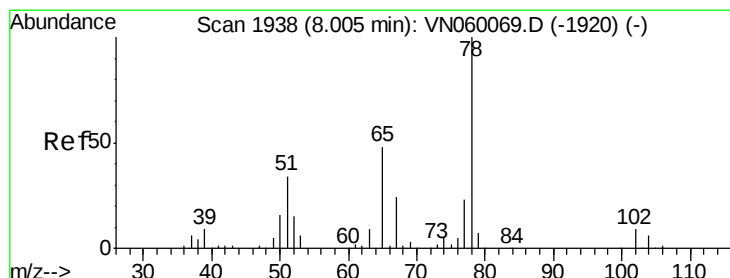
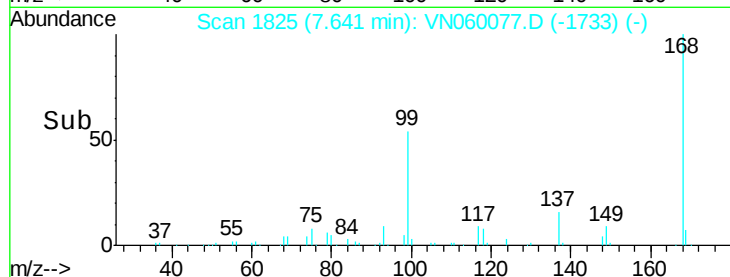
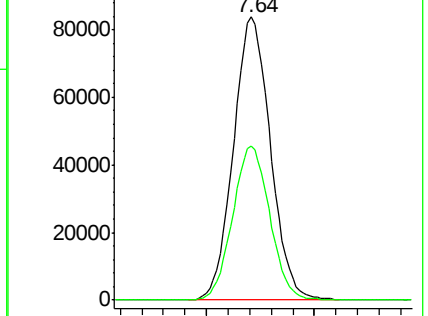
168 100

99 54.3 42.7 64.1



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: 47.595 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060077.D

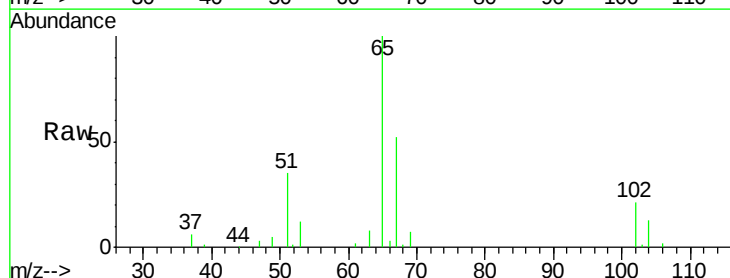
Acq: 12 Feb 2020 16:44

Tgt Ion: 65 Resp: 115808

Ion Ratio Lower Upper

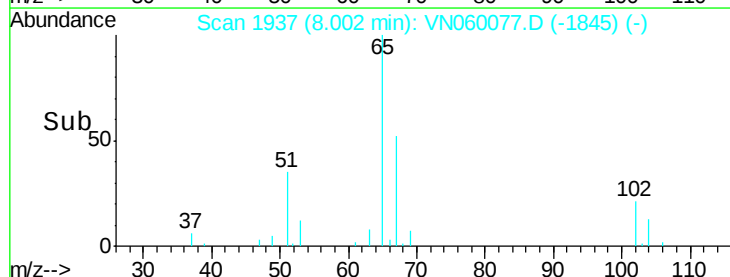
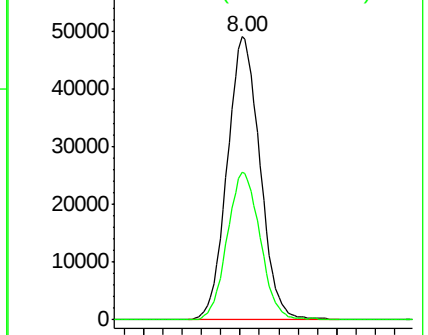
65 100

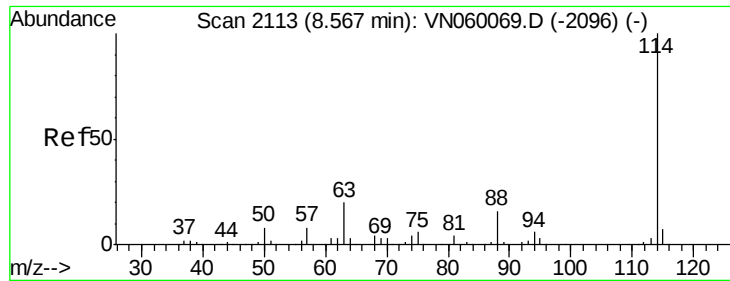
67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

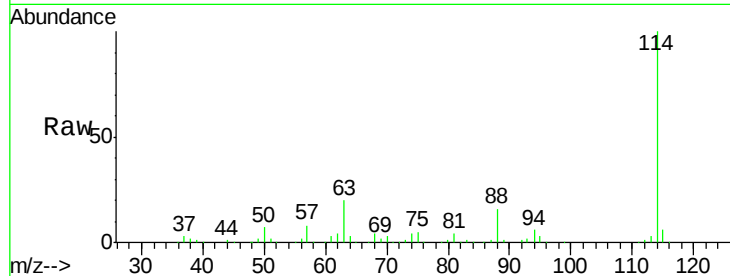




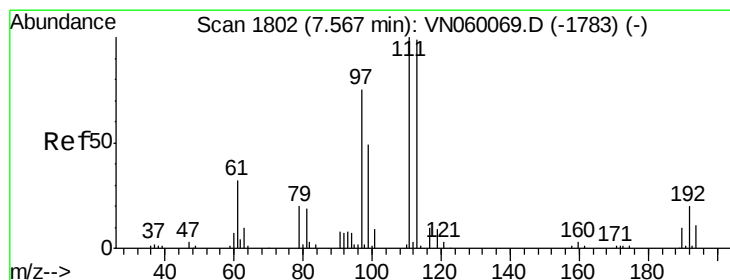
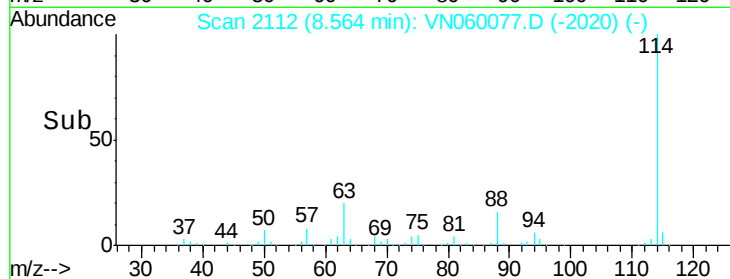
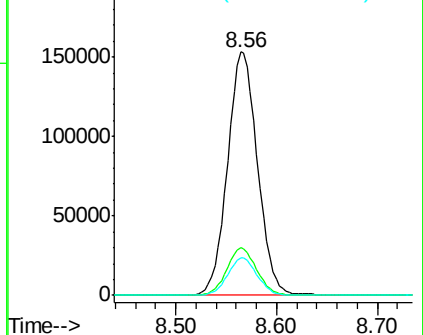
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2A-(13.5-15.5)MEDL

Tot Ion:114 Resp: 317741
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.5 0.0 31.6

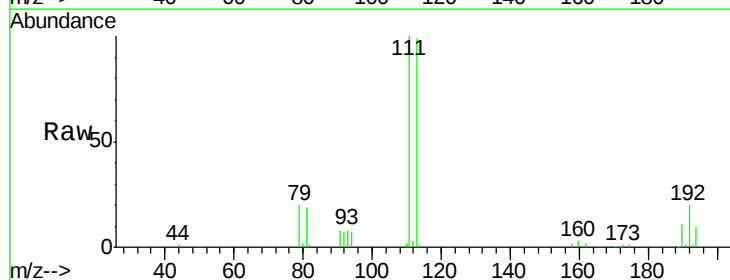


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

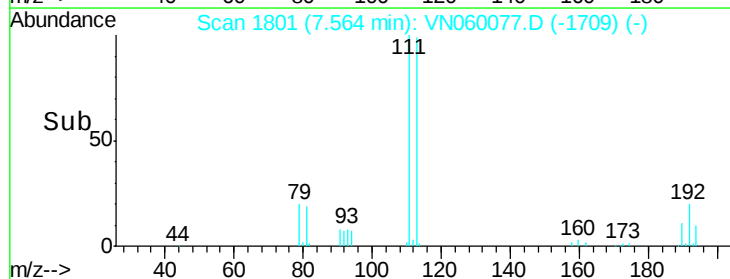
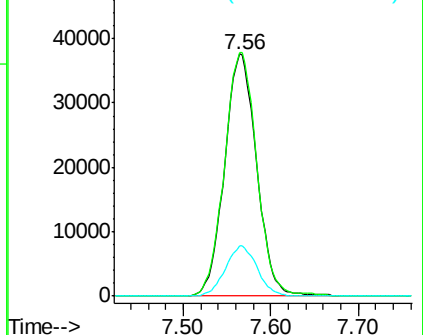


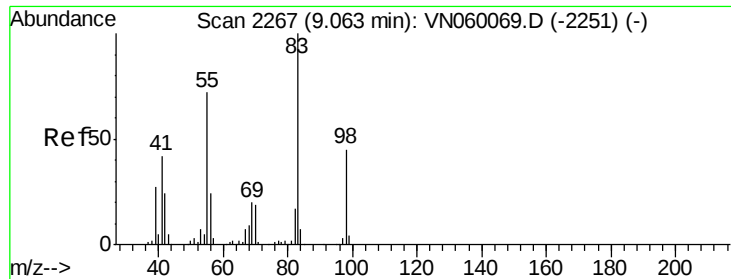
#35
 Dibromofluoromethane
 Concen: 48.961 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Tgt Ion:113 Resp: 95629
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.2
 192 20.5 16.2 24.2



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

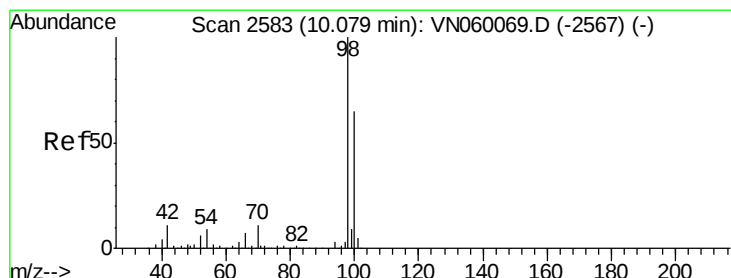
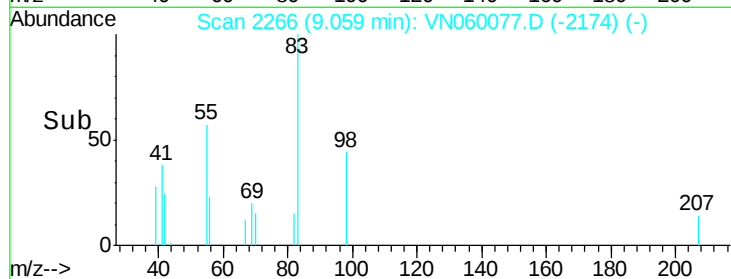
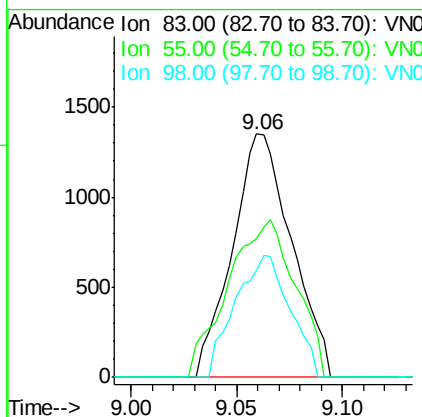
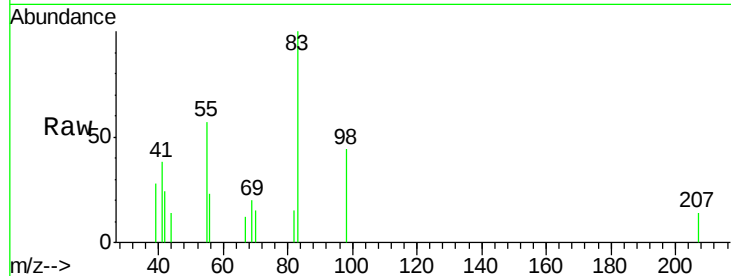




#39
Methylcyclohexane
Concen: 0.723 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

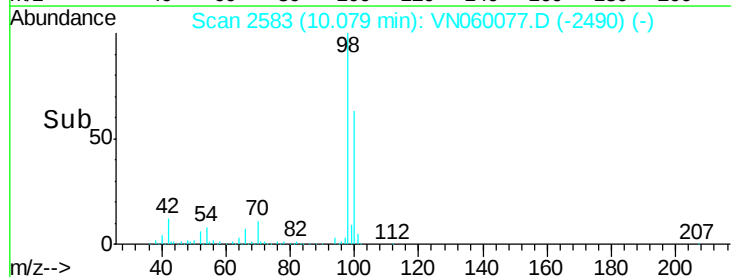
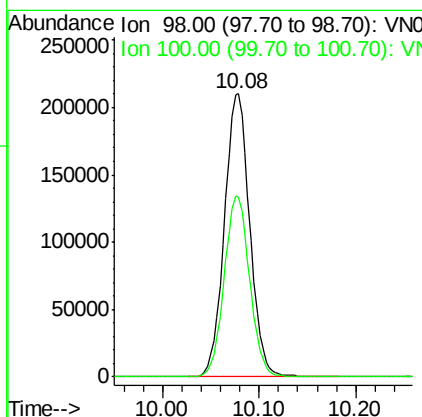
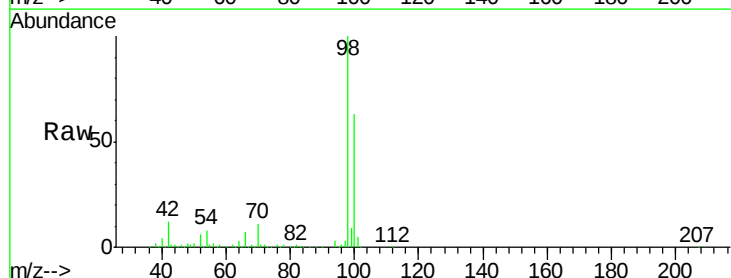
Instrument :
MSVOA_N
ClientSampleId :
SB-2A-(13.5-15.5)MEDL

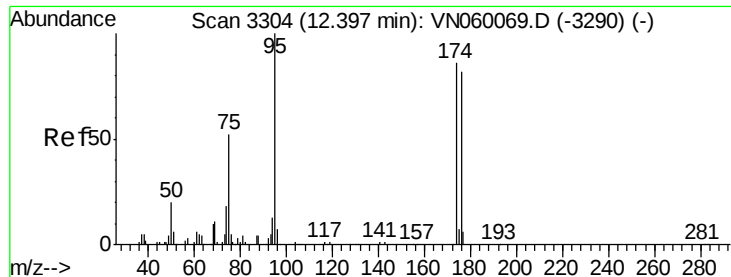
Tot Ion: 83 Resp: 2640
Ion Ratio Lower Upper
83 100
55 57.0 57.8 86.8#
98 43.6 36.4 54.6



#50
Toluene-d8
Concen: 49.659 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 98 Resp: 381952
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

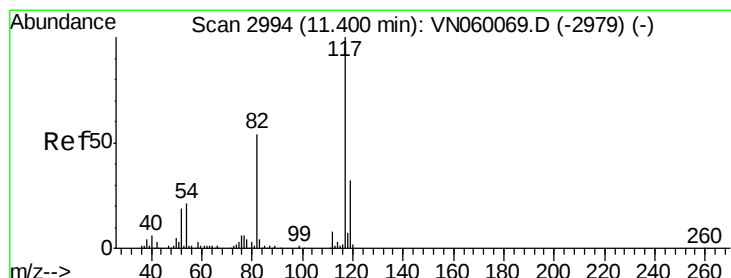
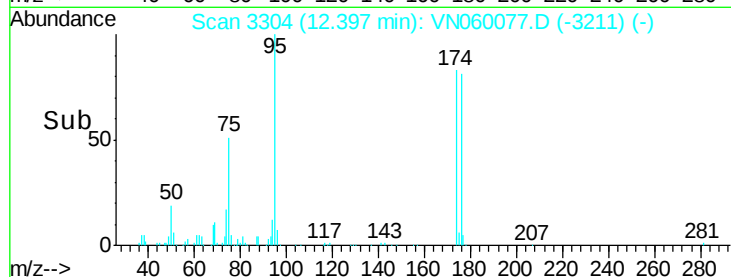
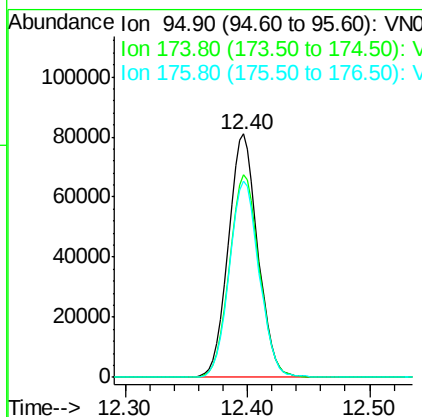
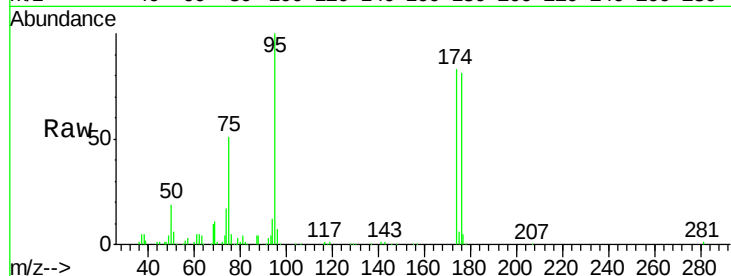




#62
4-Bromofluorobenzene
Concen: 48.378 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

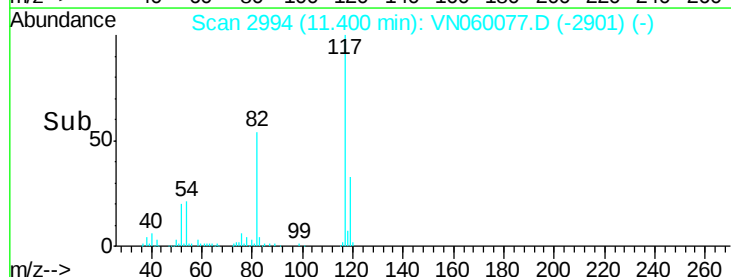
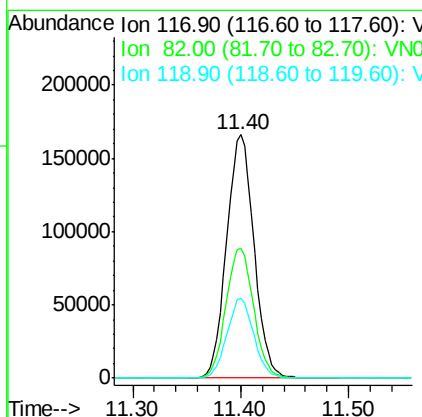
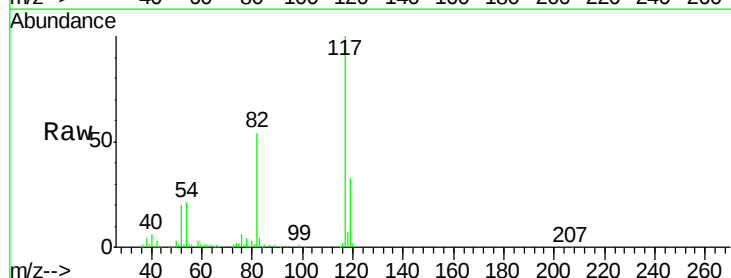
Instrument :
MSVOA_N
ClientSampleId :
SB-2A-(13.5-15.5)MEDL

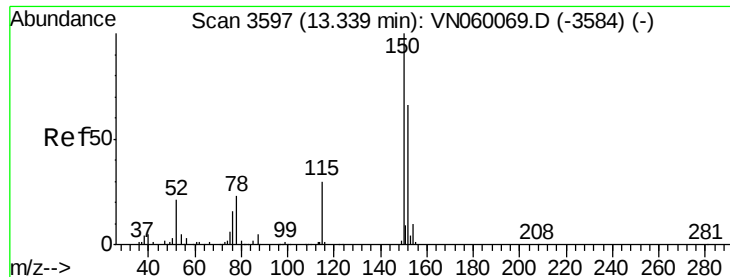
Tot Ion: 95 Resp: 136727
Ion Ratio Lower Upper
95 100
174 84.3 0.0 169.8
176 81.3 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 117 Resp: 294946
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

SB-2A-(13.5-15.5)MEDL

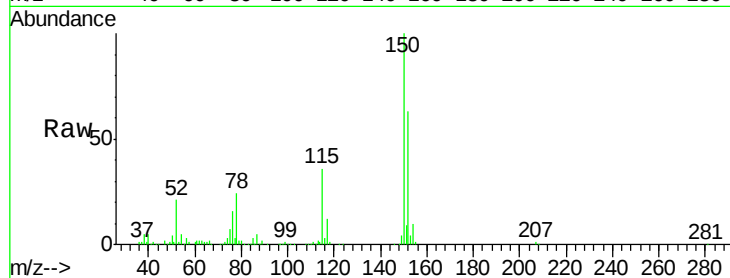
Tot Ion:152 Resp: 132523

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.8

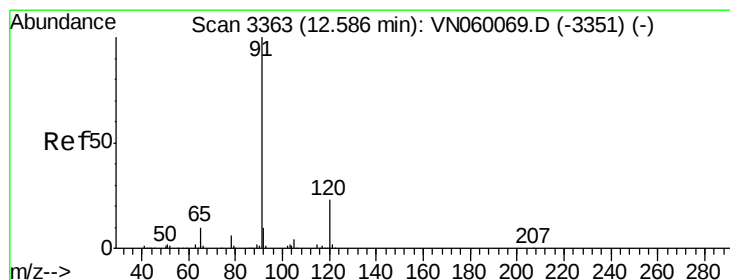
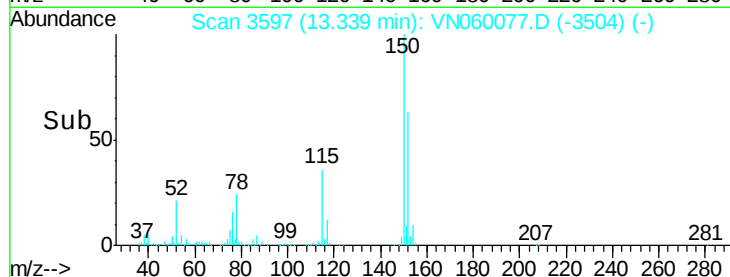
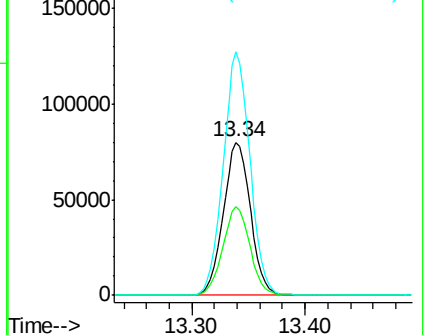
150 158.0 0.0 342.4



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



#78

n-propylbenzene

Concen: 0.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN060077.D

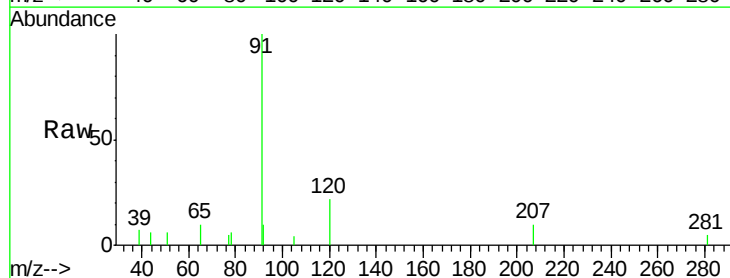
Acq: 12 Feb 2020 16:44

Tgt Ion: 91 Resp: 7177

Ion Ratio Lower Upper

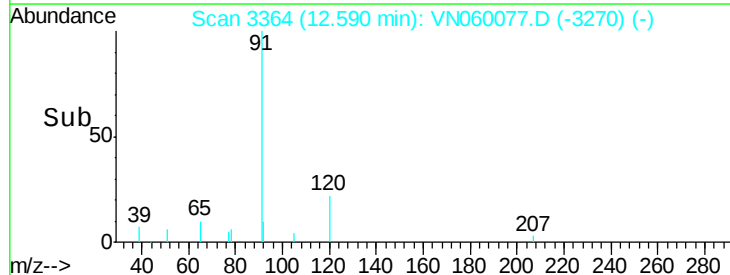
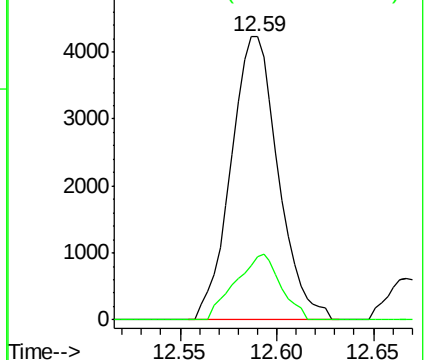
91 100

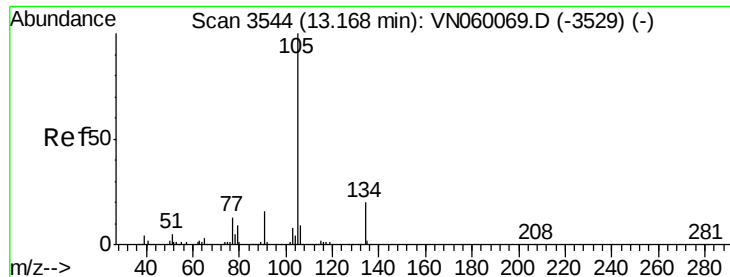
120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.755 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

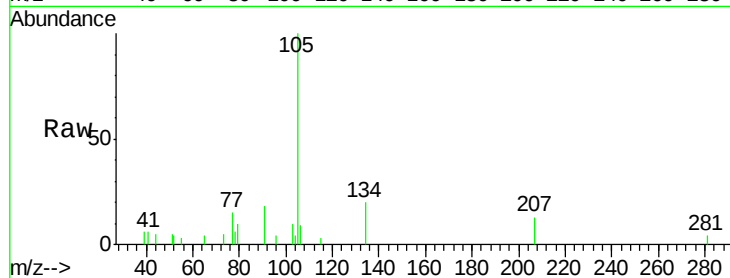
SB-2A-(13.5-15.5)MEDL

Tot Ion:105 Resp: 7281

Ion Ratio Lower Upper

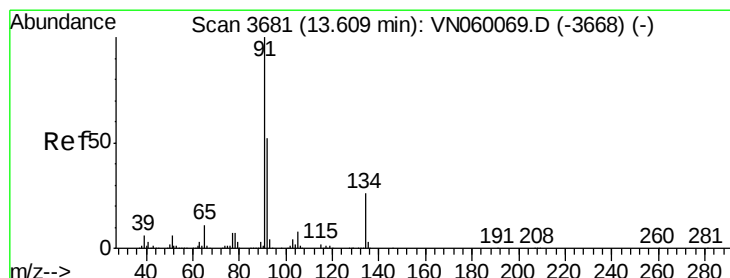
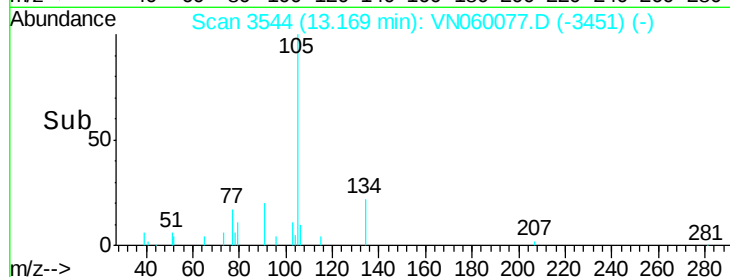
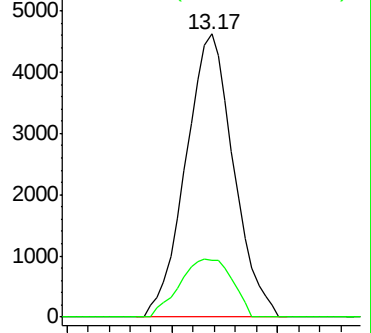
105 100

134 22.4 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.823 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

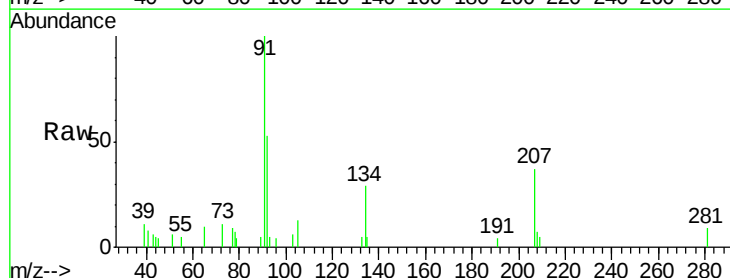
Tgt Ion: 91 Resp: 6319

Ion Ratio Lower Upper

91 100

92 48.5 26.1 78.2

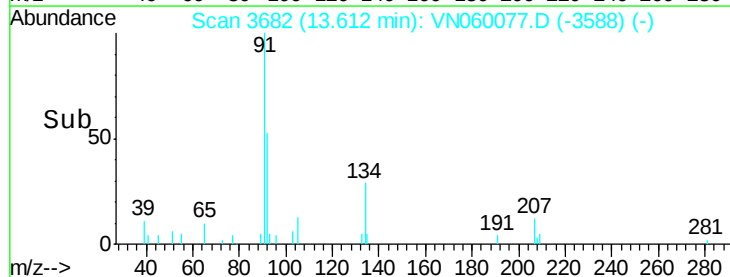
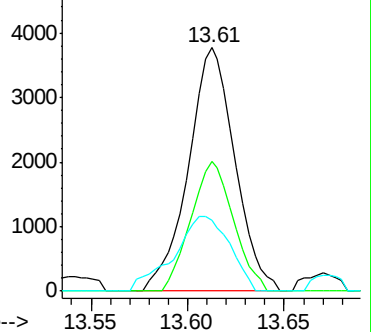
134 36.6 13.1 39.3

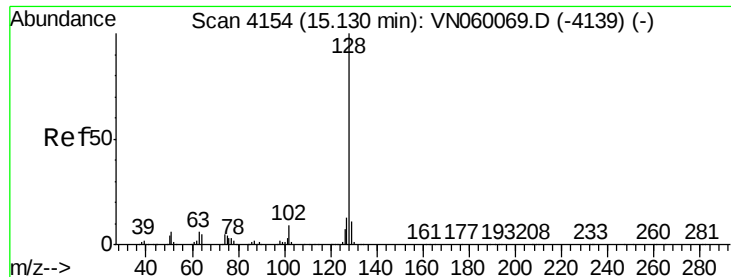


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 1.998 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

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SB-2A-(13.5-15.5)MEDL

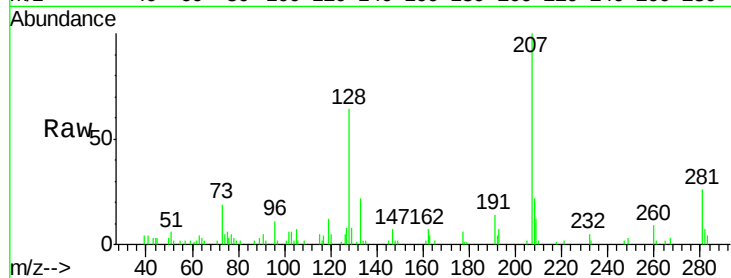
Tot Ion:128 Resp: 13493

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.8 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

