

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060169.D
 Acq On : 20 Feb 2020 13:52
 Operator : JC/MD
 Sample : L1601-04MEDL 10X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2MEDL

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:14:54 AM

Quant Time: Feb 21 03:09:53 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	219504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	344975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128017	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.56	113	100507	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.08	98	418824	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	161785	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.06	83	29447	7.424	ug/l #	81
52) Toluene	10.14	92	323911	53.291	ug/l	98
67) Ethyl Benzene	11.50	91	761783	63.785	ug/l	99
68) m/p-Xylenes	11.61	106	1107694	247.121	ug/l	98
69) o-Xylene	11.94	106	397159	92.024	ug/l	100
73) Isopropylbenzene	12.24	105	80056	6.478	ug/l	100
78) n-propylbenzene	12.59	91	312584	22.200	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	380163	36.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	1295929	127.763	ug/l	99
85) sec-Butylbenzene	13.17	105	31137m	2.587	ug/l	
86) p-Isopropyltoluene	13.28	119	12866m	1.180	ug/l	
89) n-Butylbenzene	13.61	91	43819	4.568	ug/l #	69
95) Naphthalene	15.13	128	142548	16.904	ug/l	99

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

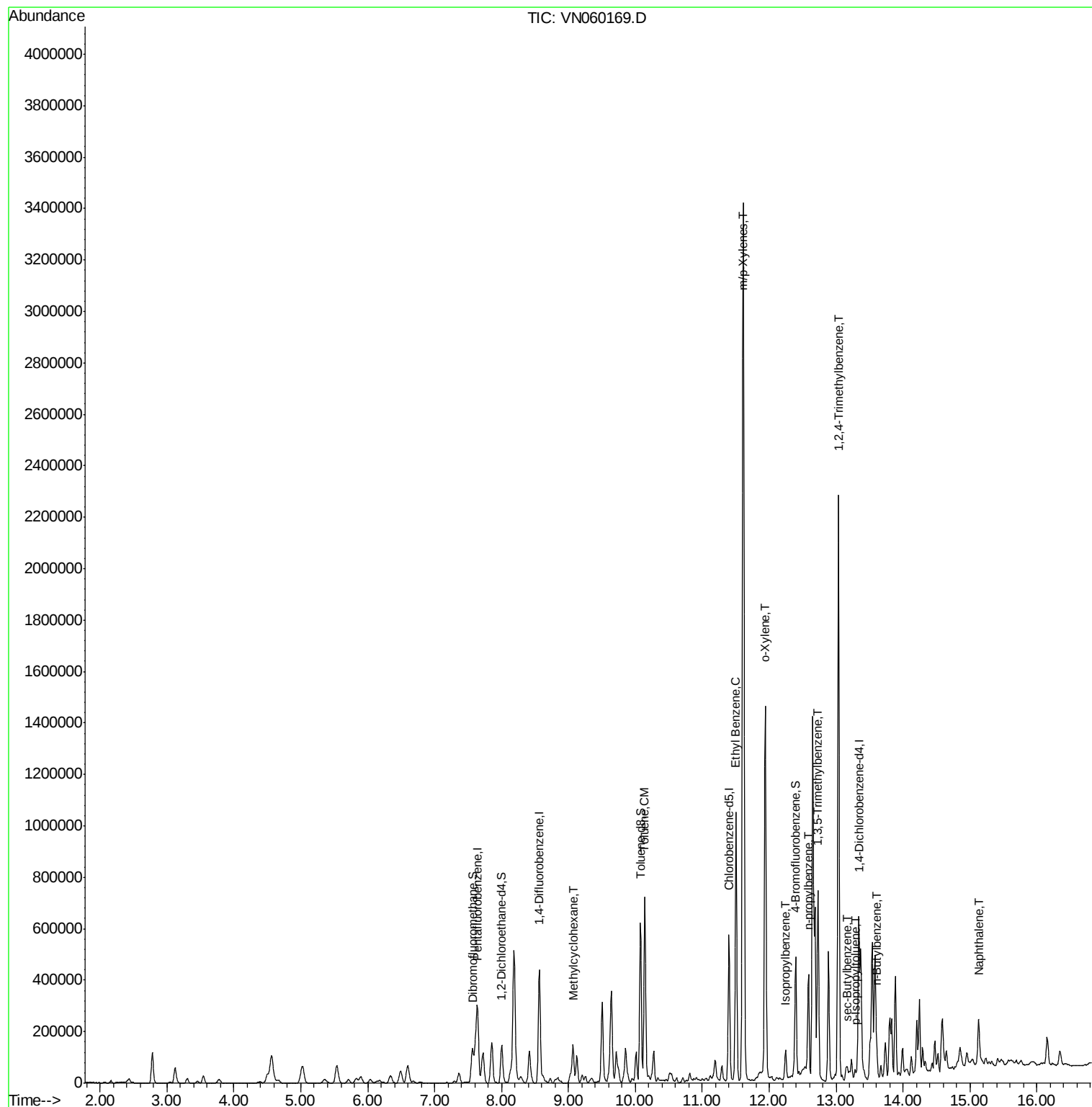
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022020\
Data File : VN060169.D
Acq On : 20 Feb 2020 13:52
Operator : JC/MD
Sample : L1601-04MEDL 10X
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

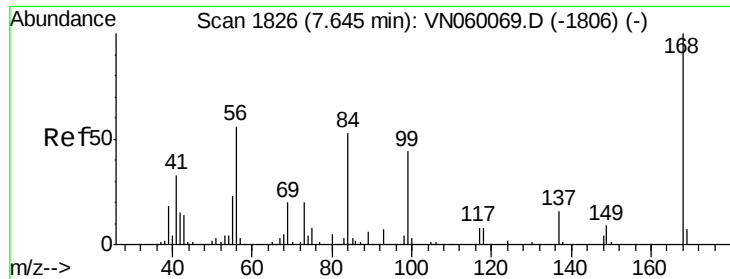
Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

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Quant Time: Feb 21 03:09:53 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: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

SW-2MEDL

Tot Ion:168 Resp: 219504

Ion Ratio Lower Upper

168 100

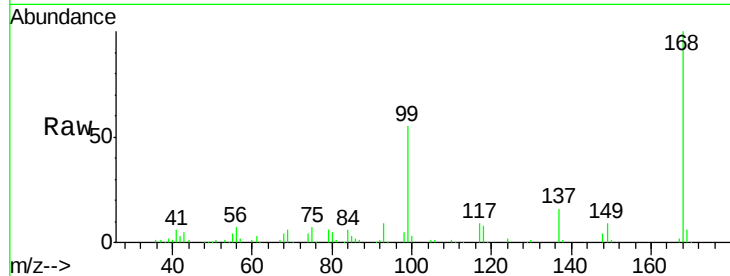
99 54.7 42.7 64.1

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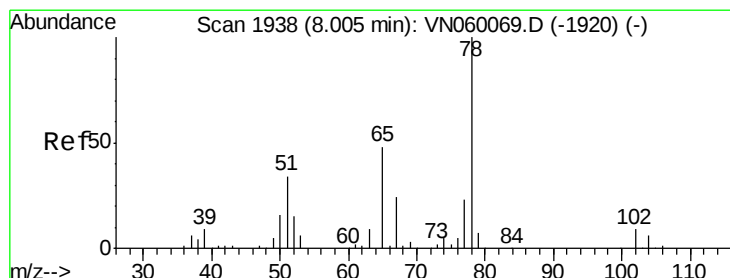
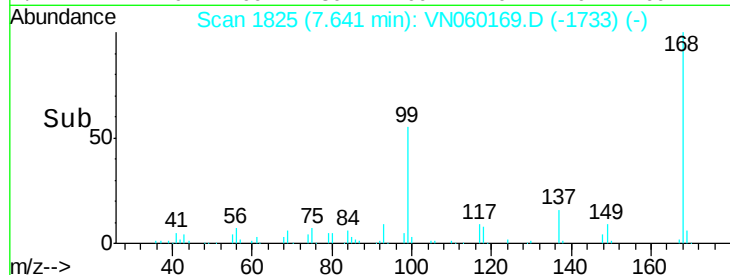
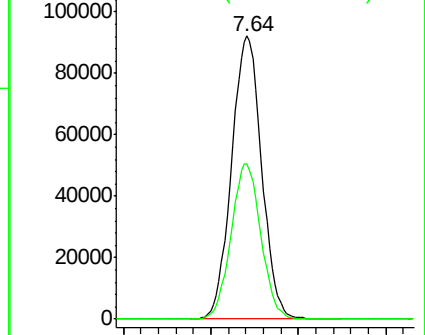
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 47.929 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060169.D

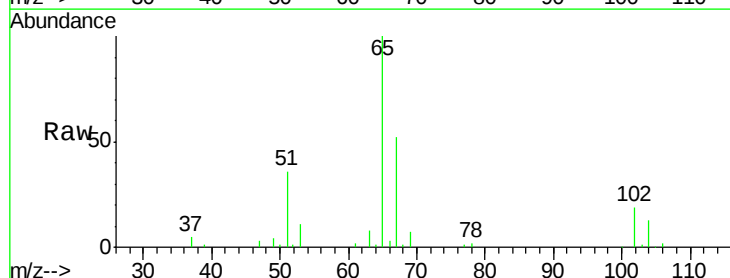
Acq: 20 Feb 2020 13:52

Tgt Ion: 65 Resp: 128017

Ion Ratio Lower Upper

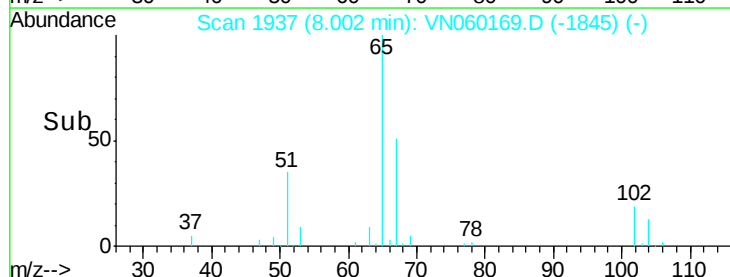
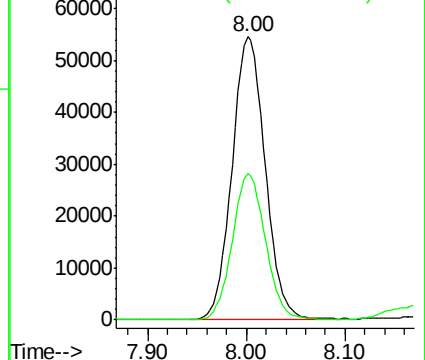
65 100

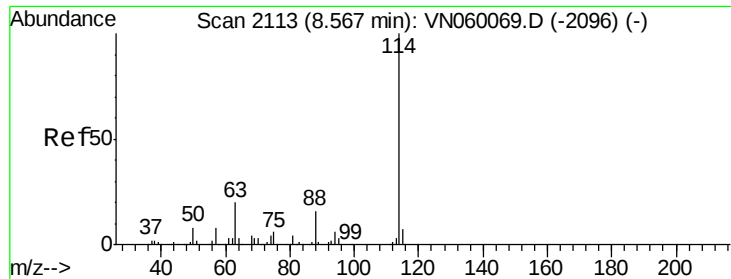
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

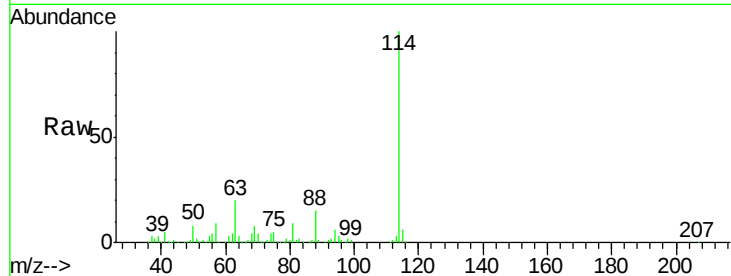
ClientSampleId :

SW-2MEDL

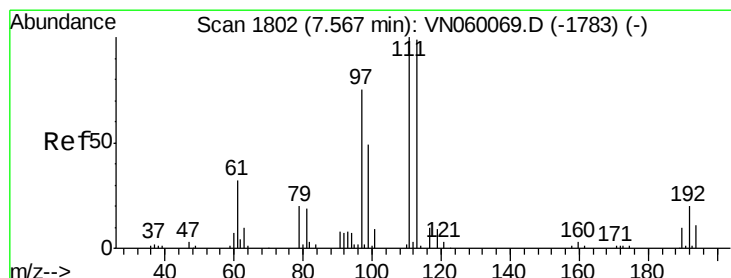
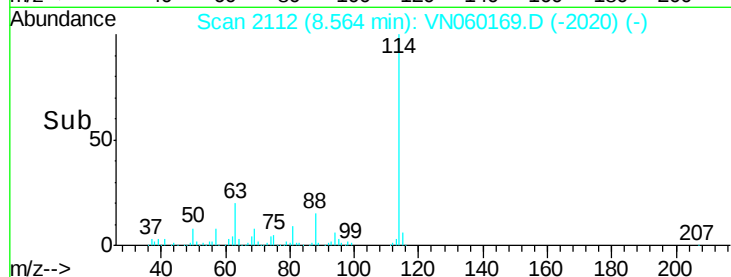
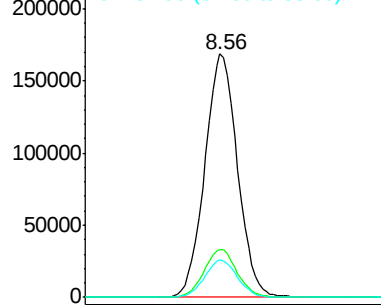
Tot Ion:	114	Resp:	344975
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	40.0
88	15.3	0.0	31.6

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 47.396 ug/l

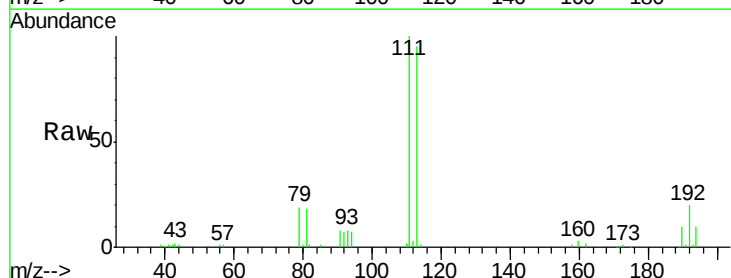
RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

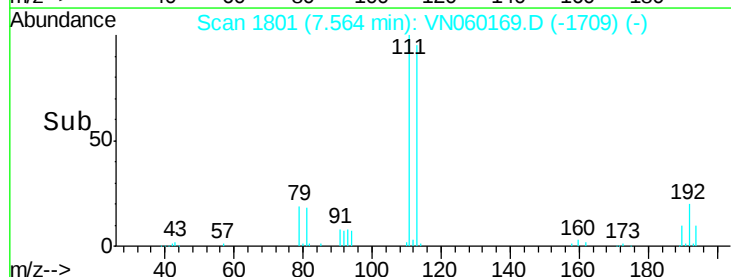
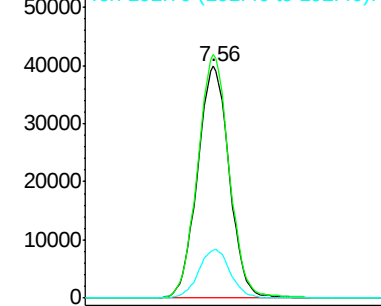
Lab File: VN060169.D

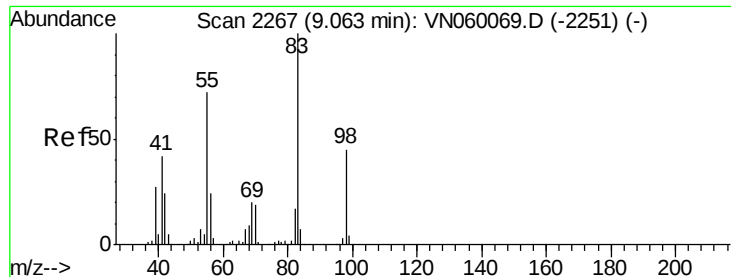
Acq: 20 Feb 2020 13:52

Tgt Ion:	113	Resp:	100507
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.4	122.2
192	20.8	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





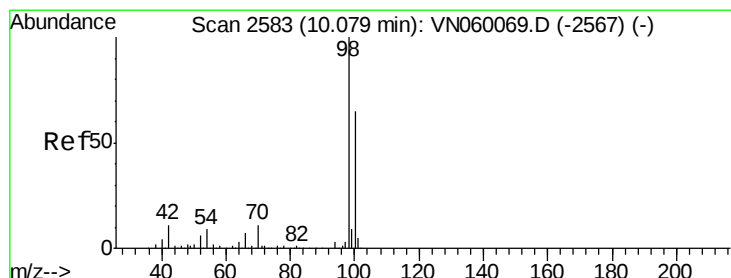
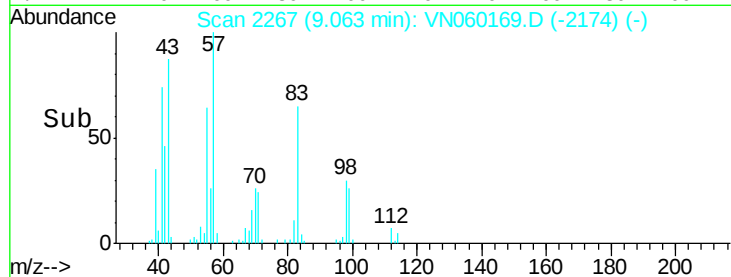
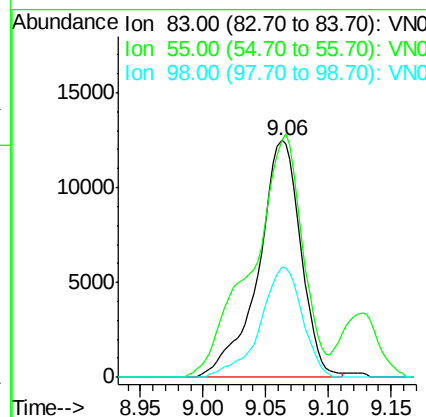
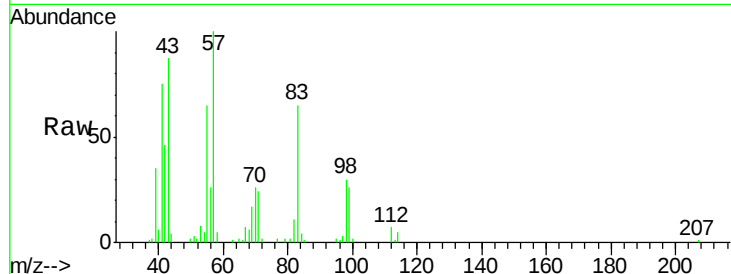
#39
Methylcyclohexane
Concen: 7.424 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.0	57.8	86.8#
98	46.3	36.4	54.6

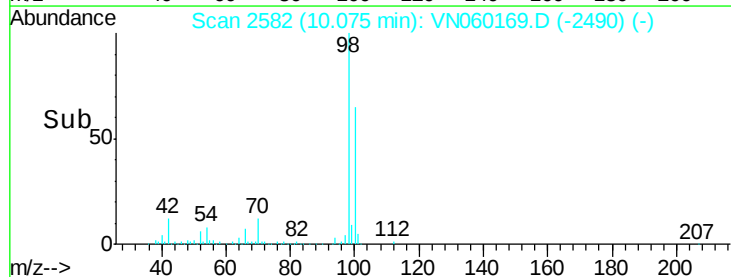
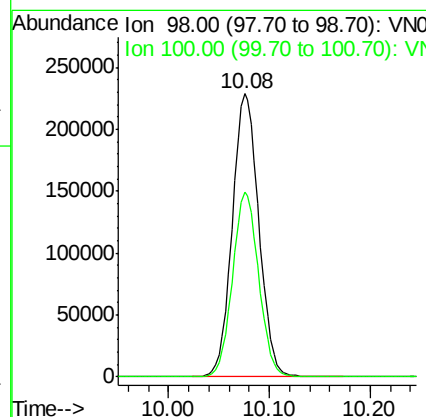
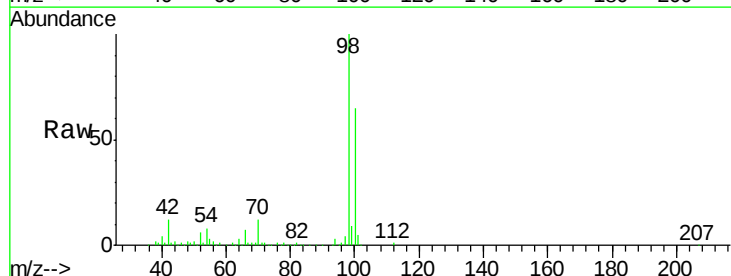
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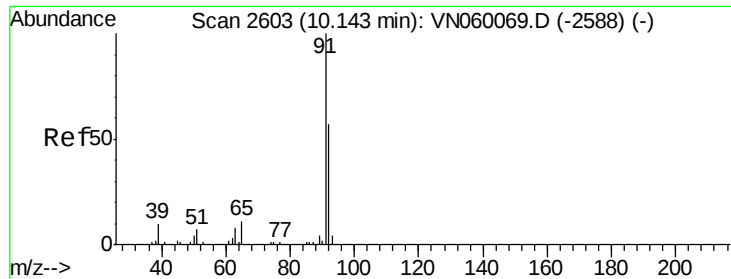
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#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





#52

Toluene

Concen: 53.291 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

SW-2MEDL

Tot Ion: 92 Resp: 323911

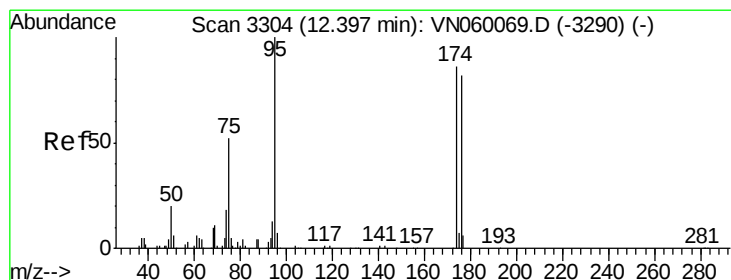
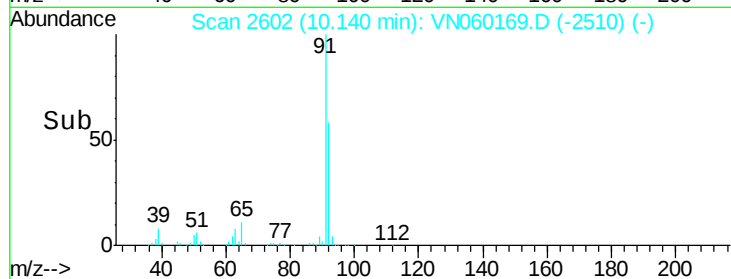
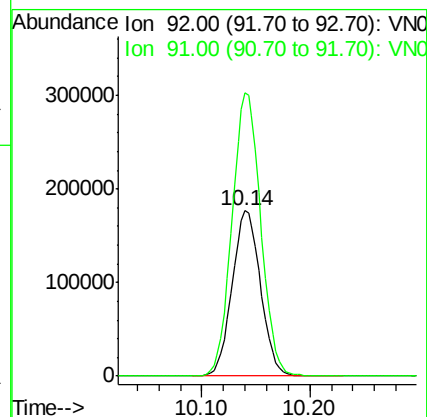
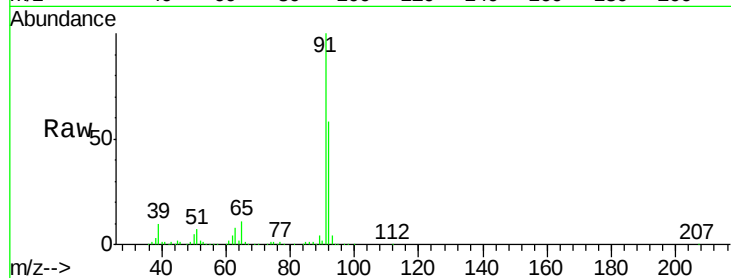
Ion Ratio Lower Upper

92 100

91 173.1 140.9 211.3

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#62

4-Bromofluorobenzene

Concen: 52.725 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

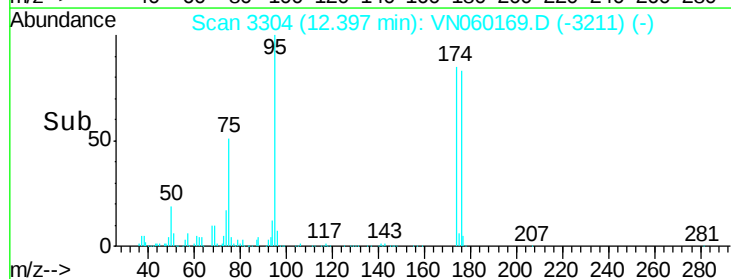
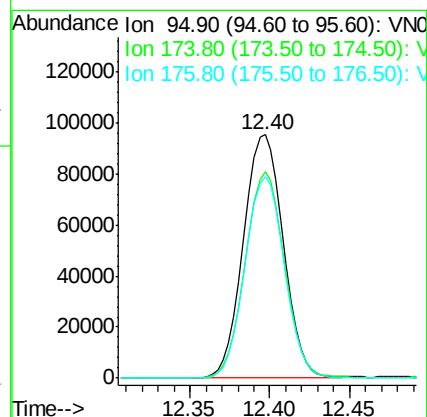
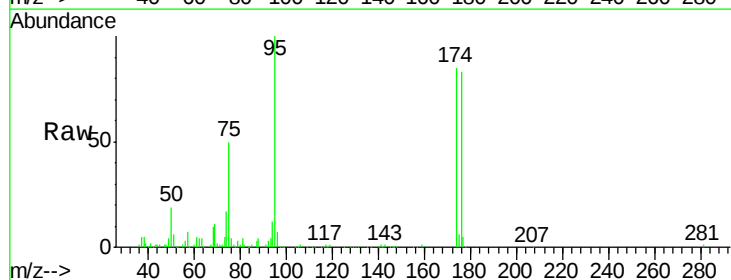
Tgt Ion: 95 Resp: 161785

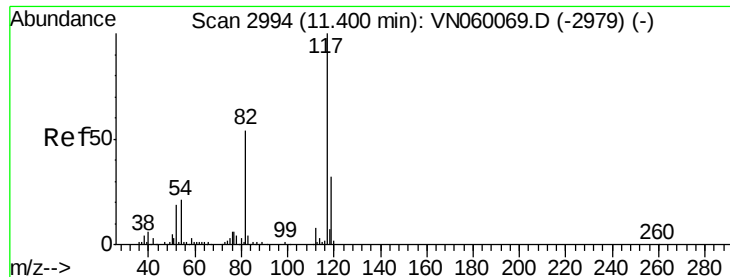
Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.8

176 82.1 0.0 164.8





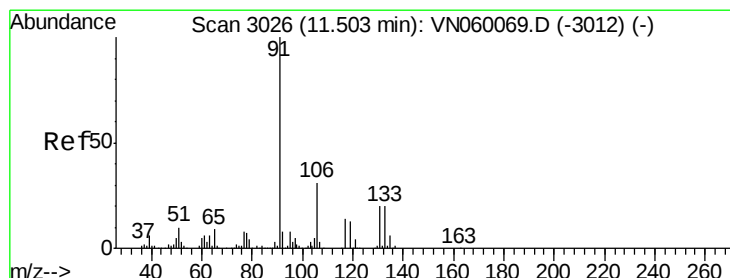
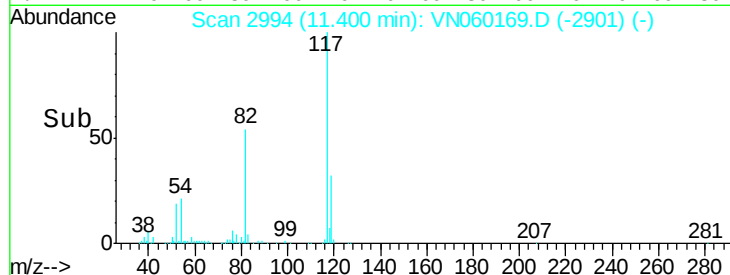
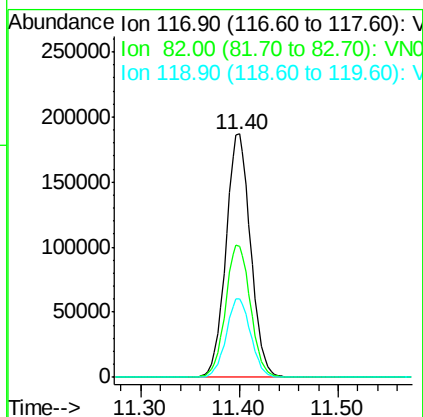
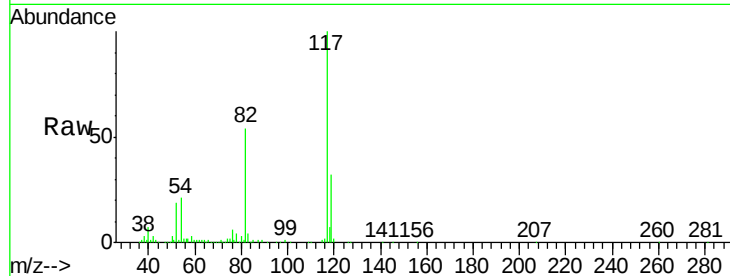
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	32.4	25.8	38.6

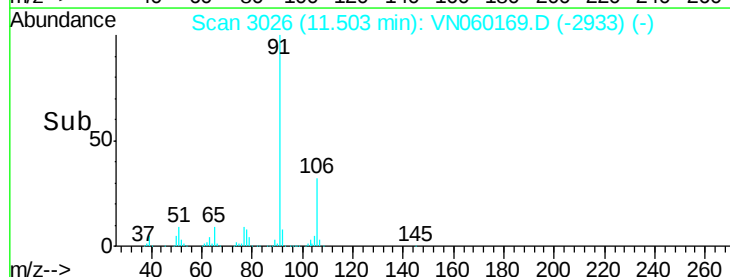
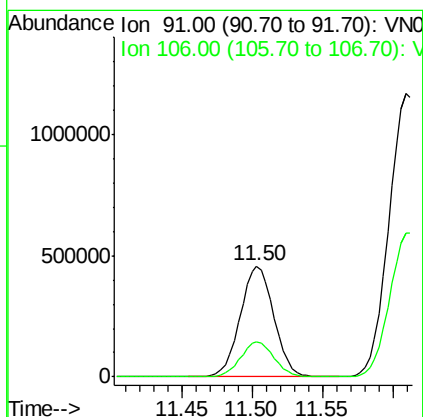
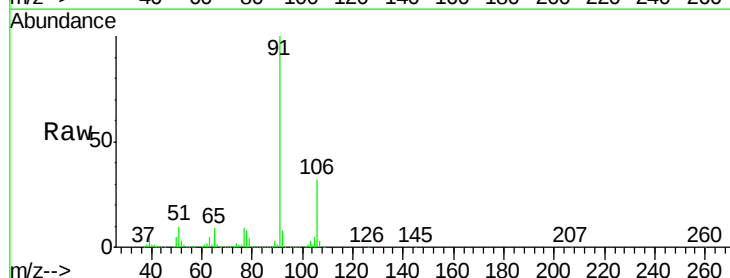
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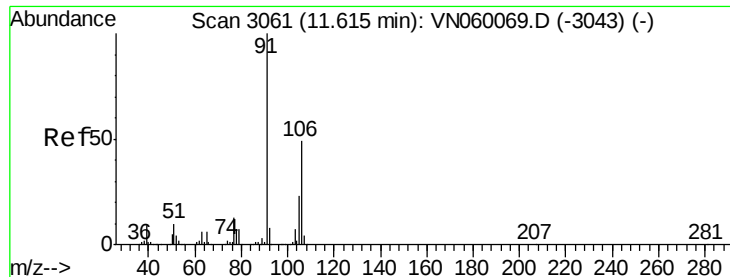
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#67
Ethyl Benzene
Concen: 63.785 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.1	37.7





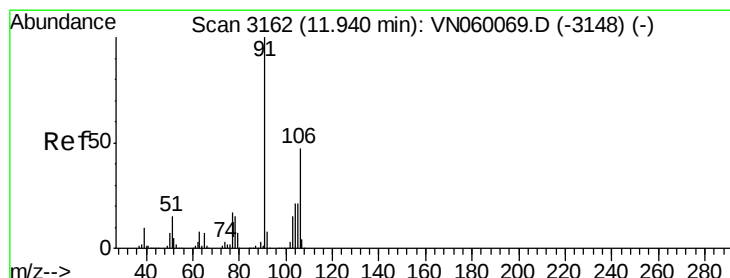
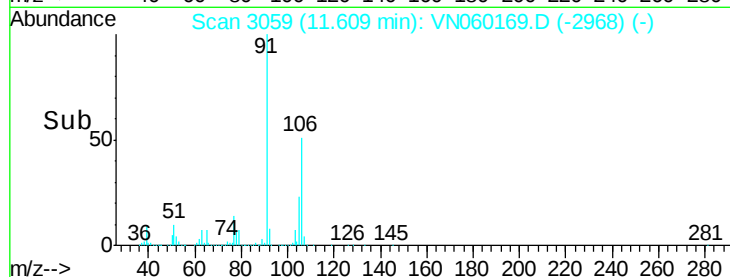
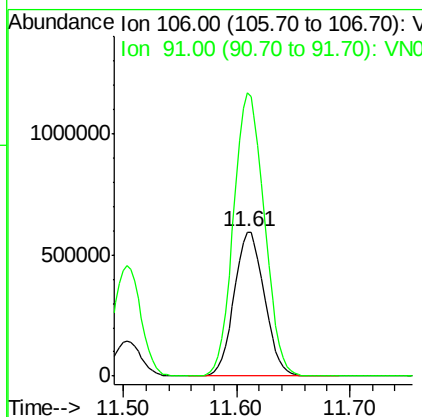
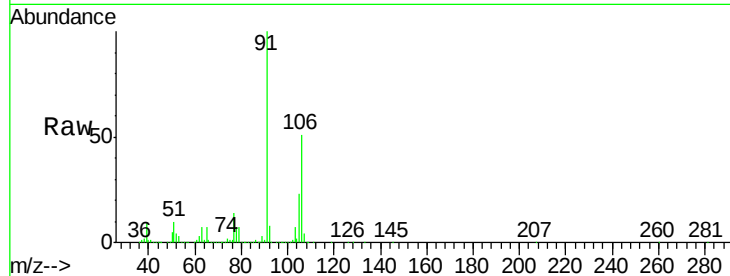
#68
m/p-Xvlenes
Concen: 247.121 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

Tot Ion:106 Resp: 1107694
Ion Ratio Lower Upper
106 100
91 199.8 162.7 244.1

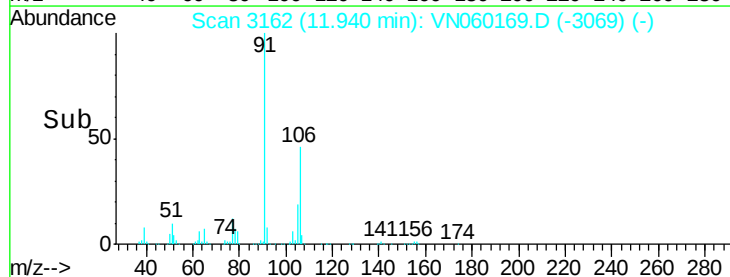
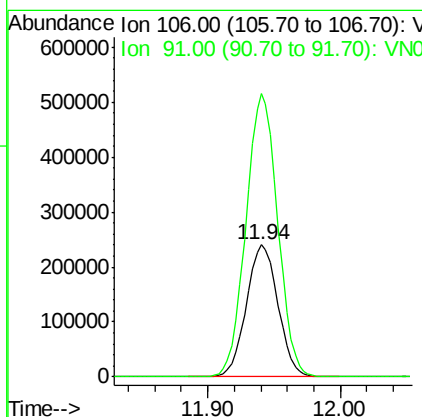
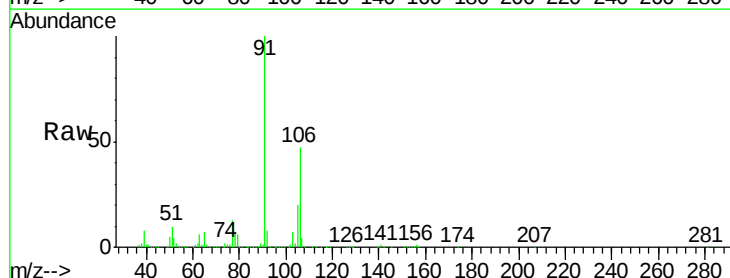
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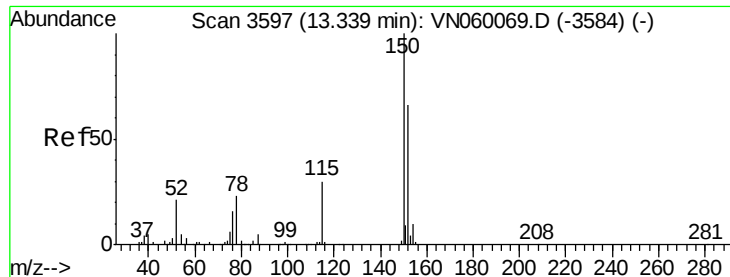
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#69
o-Xylene
Concen: 92.024 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion:106 Resp: 397159
Ion Ratio Lower Upper
106 100
91 214.9 107.2 321.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060169.D

Acq: 20 Feb 2020 13:52

Instrument :

MSVOA_N

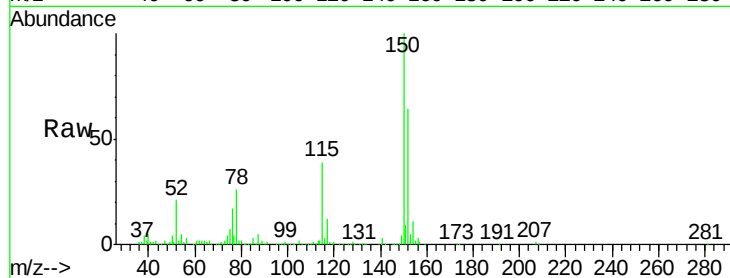
ClientSampleId :

SW-2MEDL

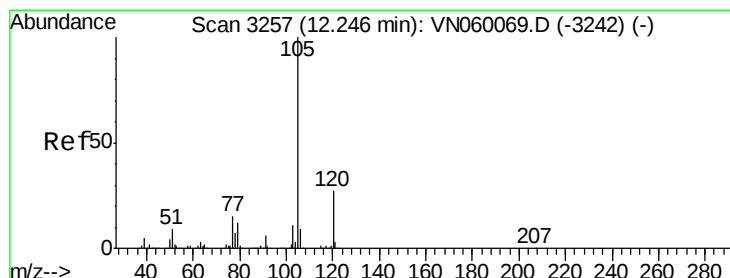
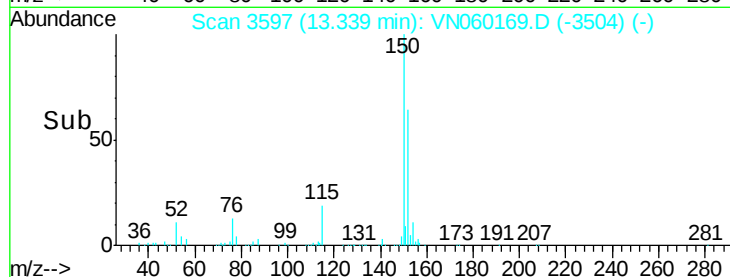
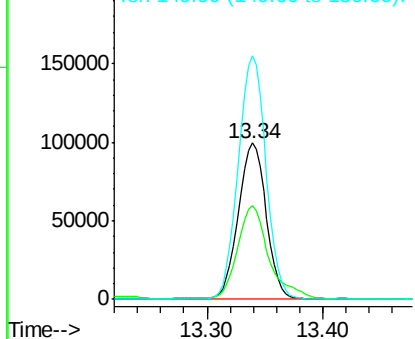
Tot Ion:	152	Resp:	165497
Ion Ratio	Lower	Upper	
152	100		
115	65.9	28.9	86.8
150	155.1	0.0	342.4

Manual Integrations
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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: 6.478 ug/l

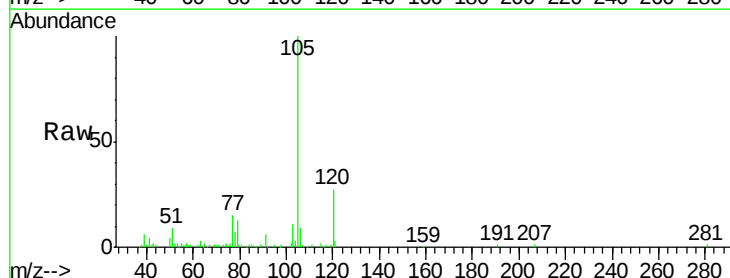
RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

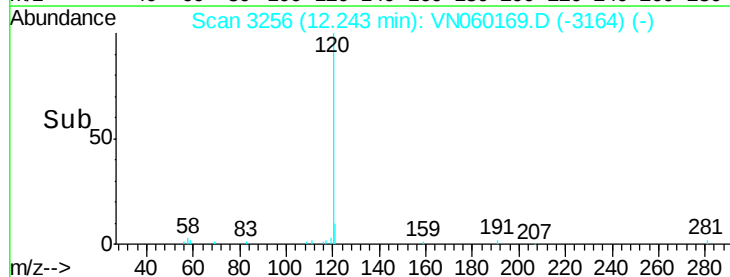
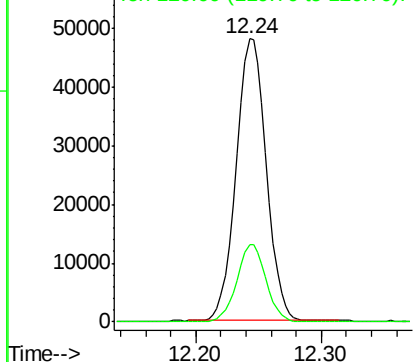
Lab File: VN060169.D

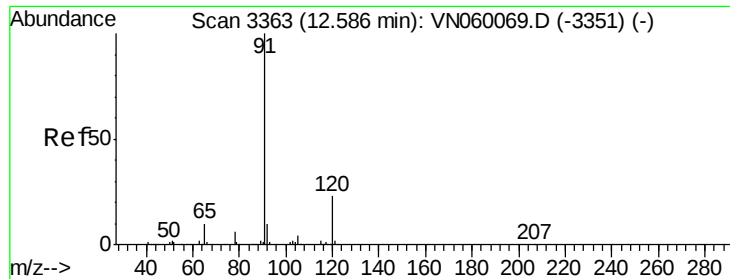
Acq: 20 Feb 2020 13:52

Tgt Ion:	105	Resp:	80056
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.3	39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





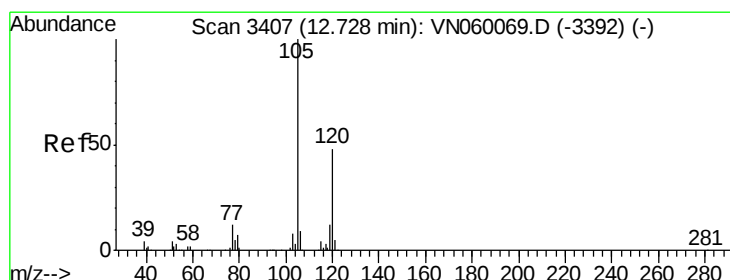
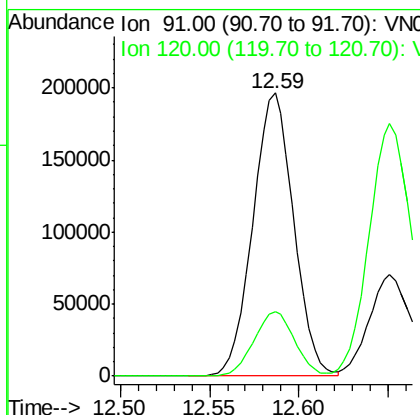
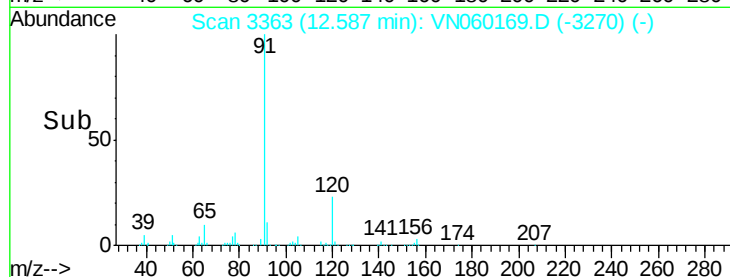
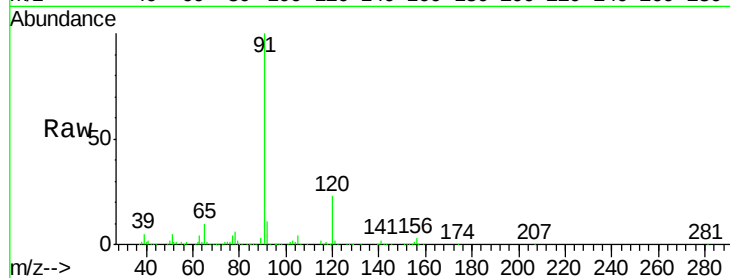
#78
n-propylbenzene
Concen: 22.200 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampled :
SW-2MEDL

Tot Ion: 91 Resp: 312584
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

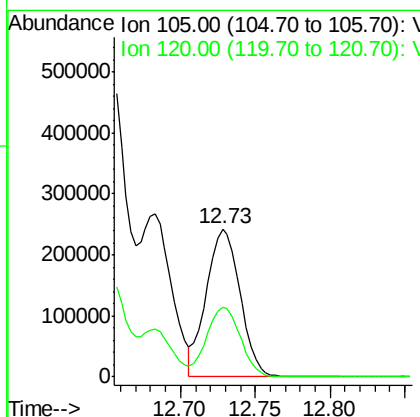
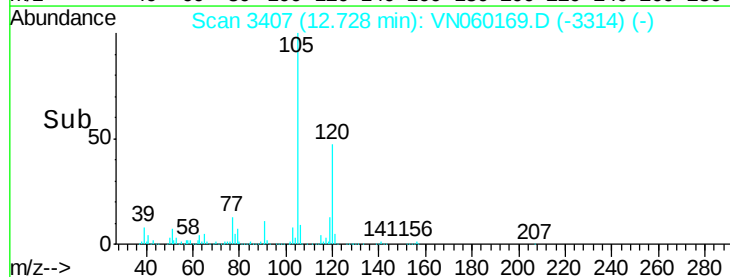
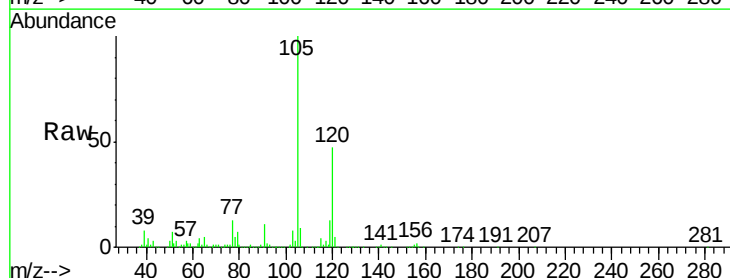
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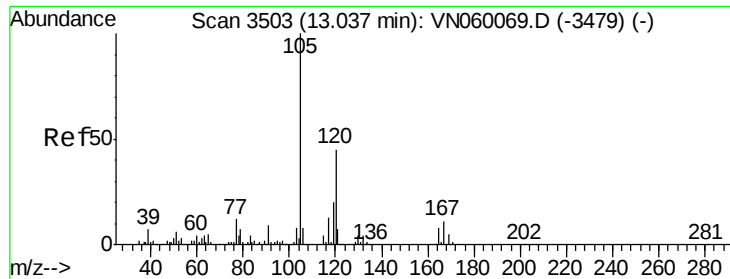
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#80
1,3,5-Trimethylbenzene
Concen: 36.997 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion: 105 Resp: 380163
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





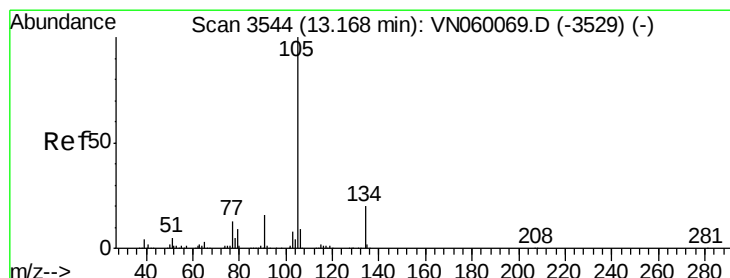
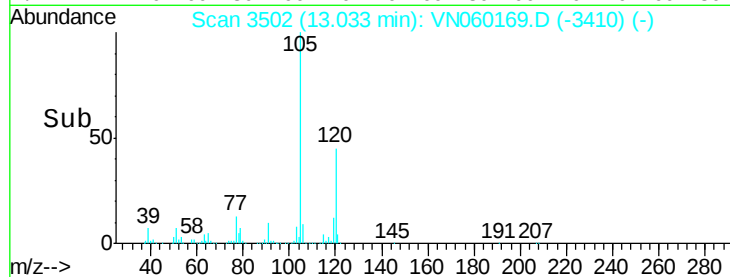
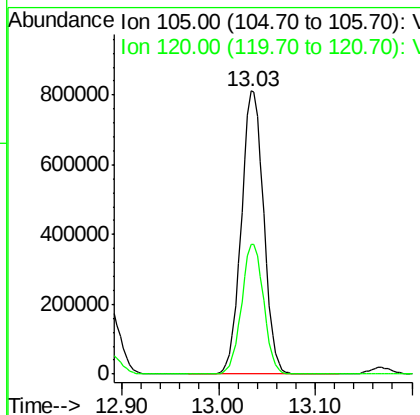
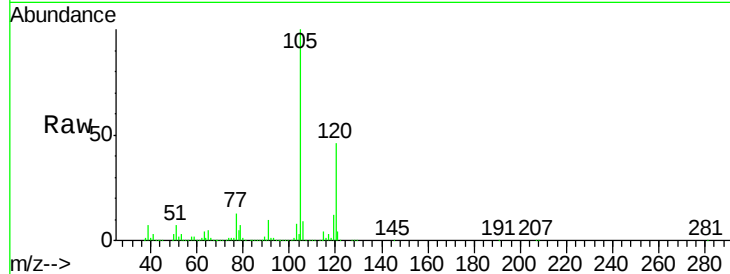
#84
 1,2,4-Trimethylbenzene
 Concen: 127.763 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2MEDL

Tot Ion:105 Resp: 1295929
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3

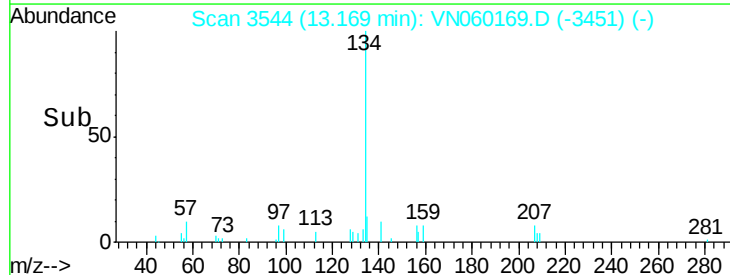
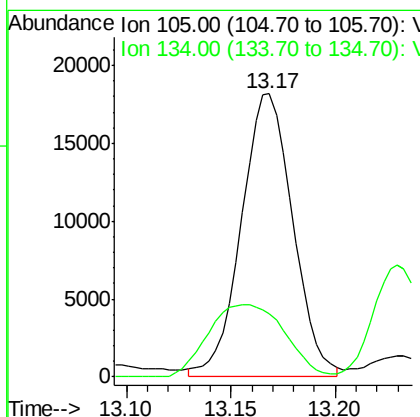
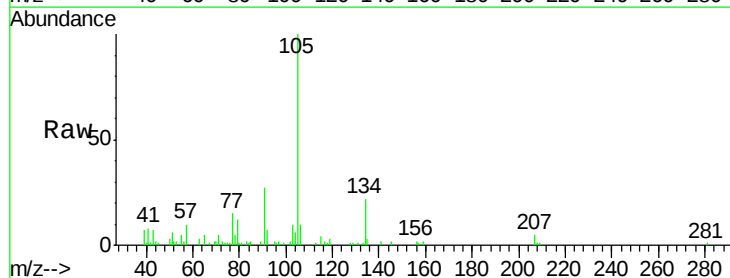
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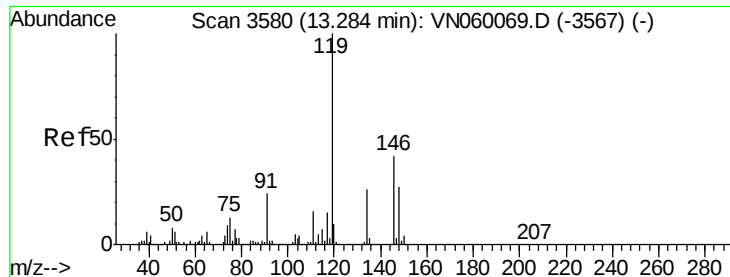
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#85
 sec-Butylbenzene
 Concen: 2.587 ug/l m
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060169.D
 Acq: 20 Feb 2020 13:52

Tgt Ion:105 Resp: 31137
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#





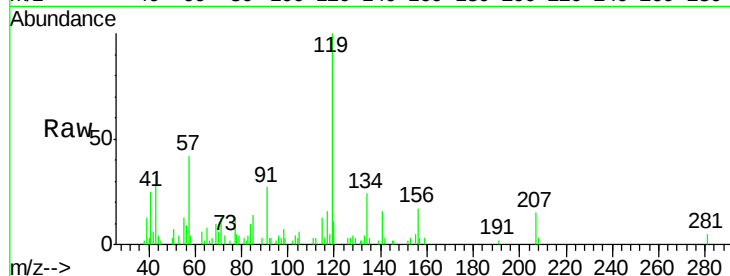
#86
p-Isopropyltoluene
Concen: 1.180 ug/l m
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

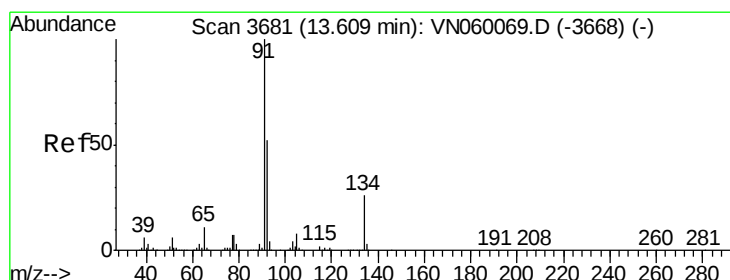
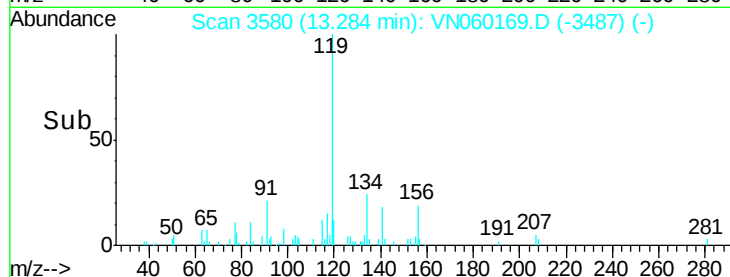
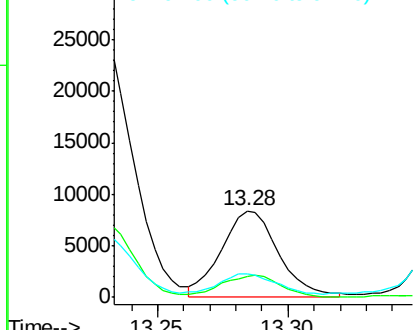
Tot Ion	Ratio	Lower	Upper
119	100		
134	88.6	13.3	39.8#
91	71.1	11.9	35.9#

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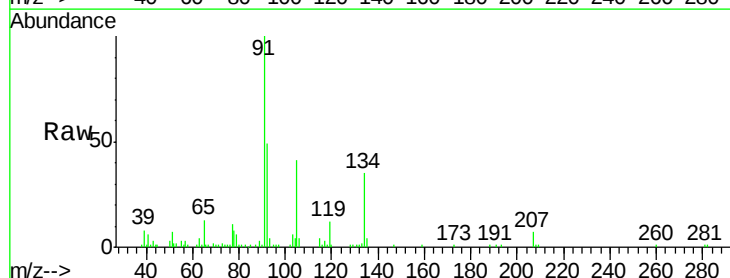


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

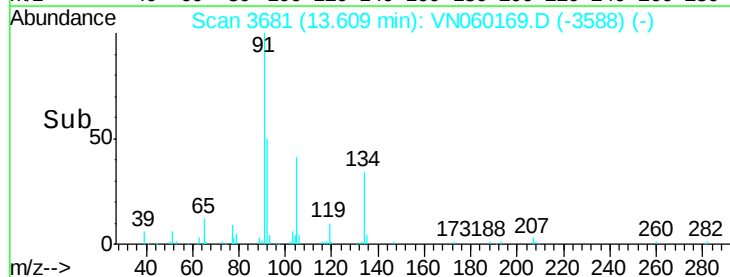
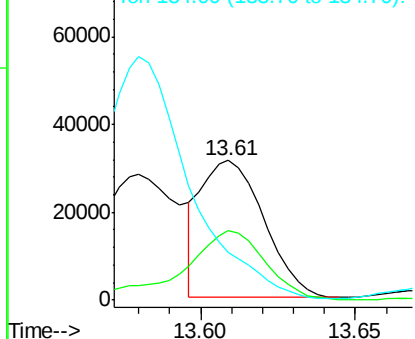


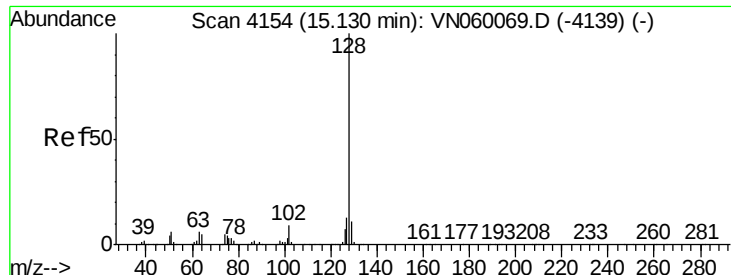
#89
n-Butylbenzene
Concen: 4.568 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	67.1	26.1	78.2
134	0.0	13.1	39.3#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 16.904 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060169.D
Acq: 20 Feb 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
SW-2MEDL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.1	8.6	13.0

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