

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050435.D
 Acq On : 7 Aug 2018 16:40
 Operator : MD\SY
 Sample : J4297-03 5X
 Misc : 6.14g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Manual Integrations
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 8/8/2018 10:47:48 AM

Quant Time: Aug 08 10:38:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	866095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1294453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1159778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	589493	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	502195	43.40	ug/l	0.00
Spiked Amount			Recovery	=	86.80%	
35) Dibromofluoromethane	7.59	113	459089	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	
50) Toluene-d8	10.09	98	1856339	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.40	95	625665	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	199946	12.88	ug/l	96
52) Toluene	10.16	92	229672	8.74	ug/l	98
67) Ethyl Benzene	11.51	91	616560	13.12	ug/l	100
68) m/p-Xylenes	11.62	106	578712	32.34	ug/l	98
69) o-Xylene	11.95	106	276826	16.06	ug/l	98
73) Isopropylbenzene	12.25	105	154466	3.49	ug/l	100
78) n-propylbenzene	12.59	91	389971	7.79	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	739259	20.58	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	2374591	65.26	ug/l	100
85) sec-Butylbenzene	13.17	105	185214	4.43	ug/l #	70
86) p-Isopropyltoluene	13.29	119	190610	5.33	ug/l	98
89) n-Butylbenzene	13.62	91	303952	9.97	ug/l #	73
95) Naphthalene	15.14	128	2712056	91.76	ug/l	99

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

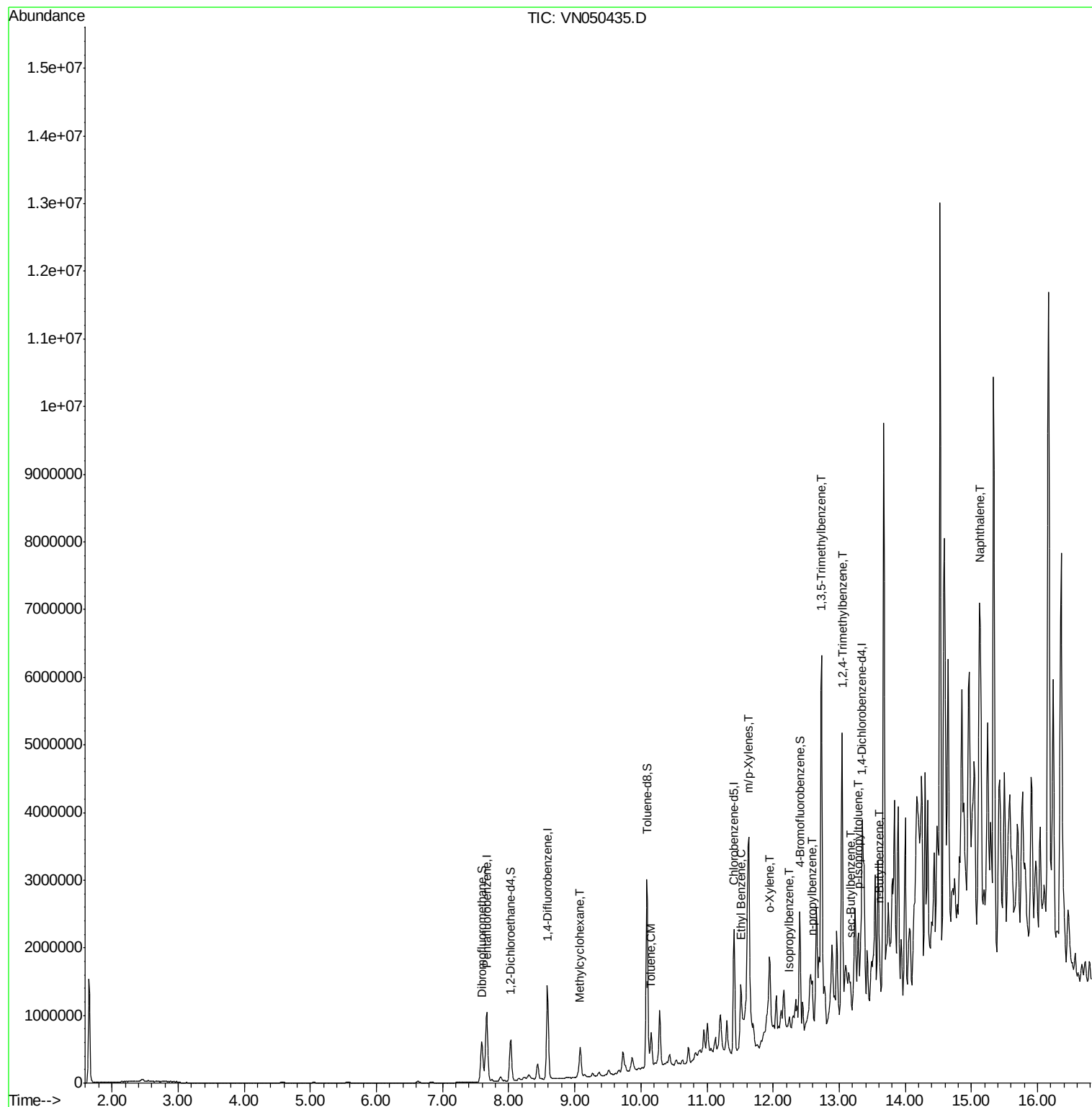
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080718\
Data File : VN050435.D
Acq On : 7 Aug 2018 16:40
Operator : MD\SY
Sample : J4297-03 5X
Misc : 6.14uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

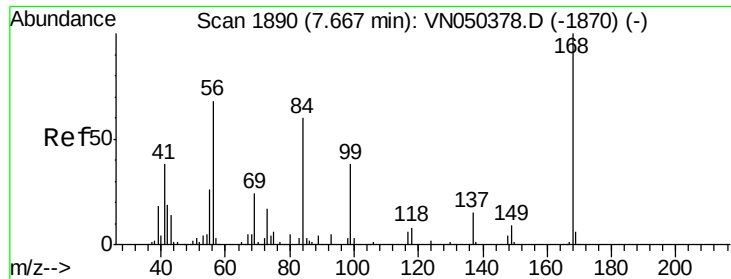
Instrument :
MSVOA_N
ClientSampleId :
TP-3

Quant Time: Aug 08 10:38:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050435.D

Acq: 7 Aug 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-3

Tot Ion:168 Resp: 866095

Ion Ratio Lower Upper

168 100

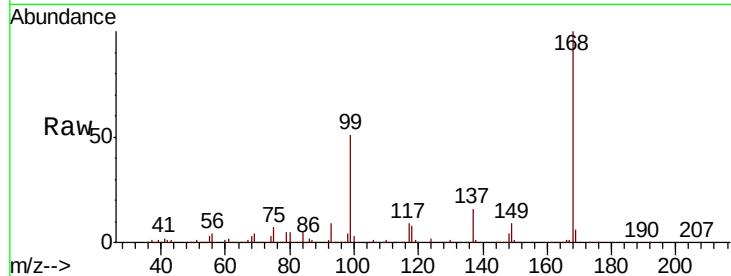
99 51.1 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

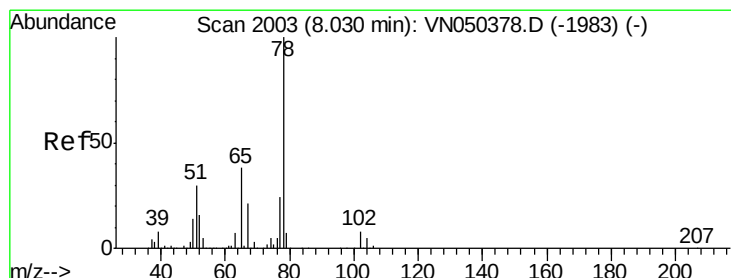
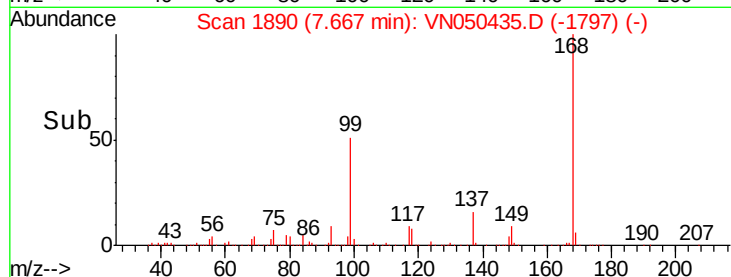
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.40 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050435.D

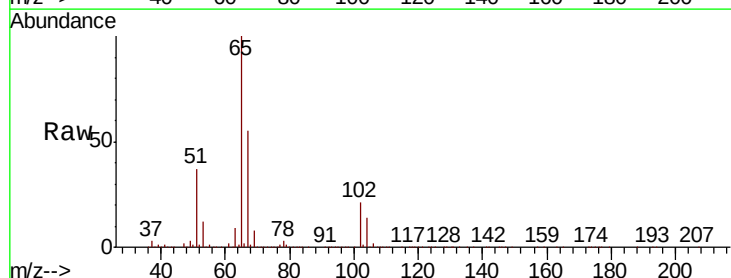
Acq: 7 Aug 2018 16:40

Tgt Ion: 65 Resp: 502195

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

250000

200000

150000

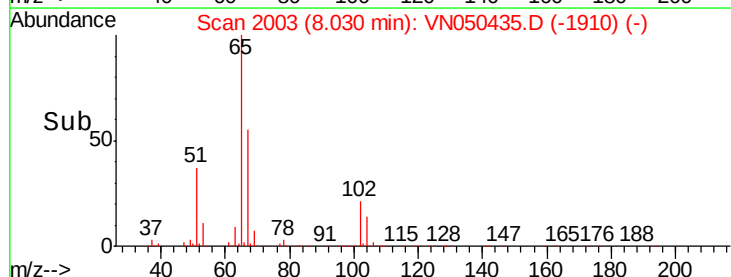
100000

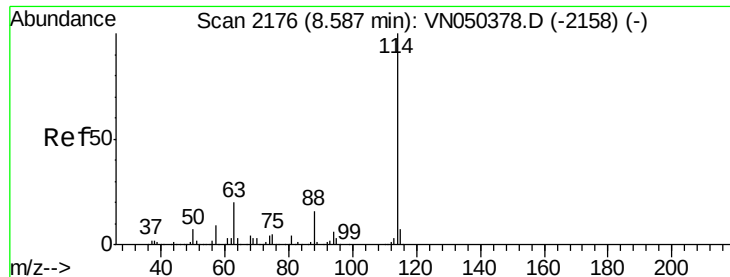
50000

0

7.90 8.00 8.10

Time-->





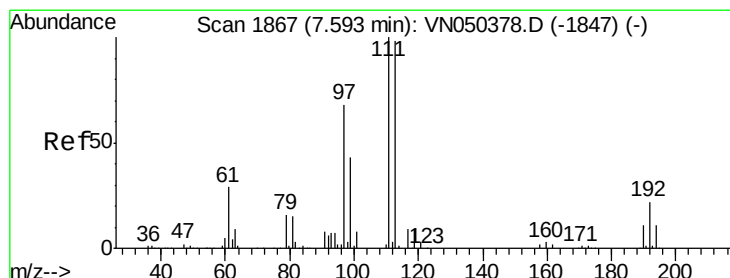
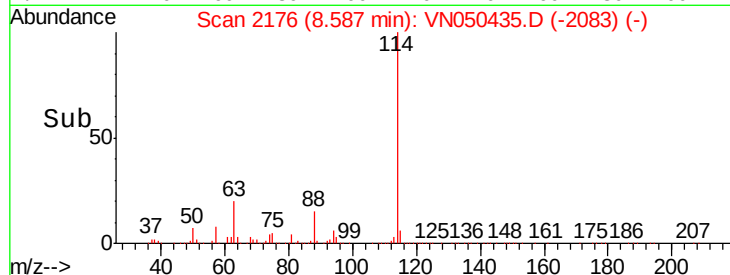
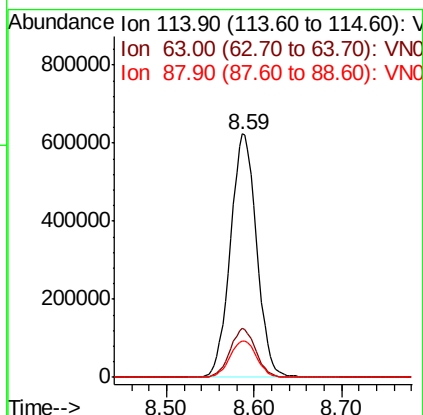
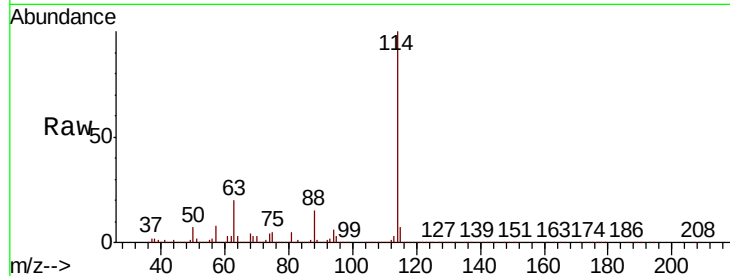
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.1	0.0	31.2

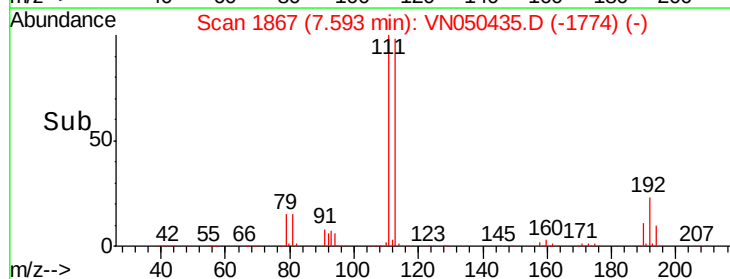
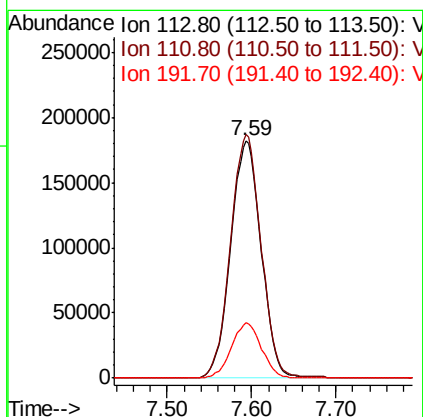
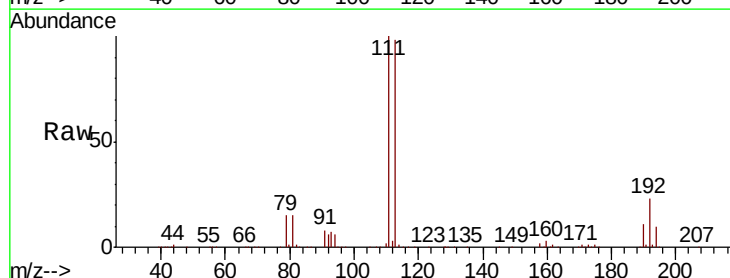
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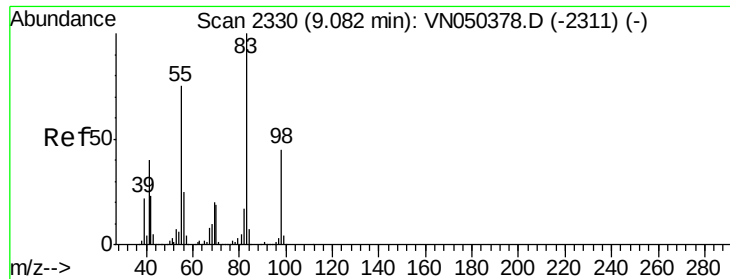
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#35
 Dibromofluoromethane
 Concen: 44.20 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	22.9	17.8	26.6





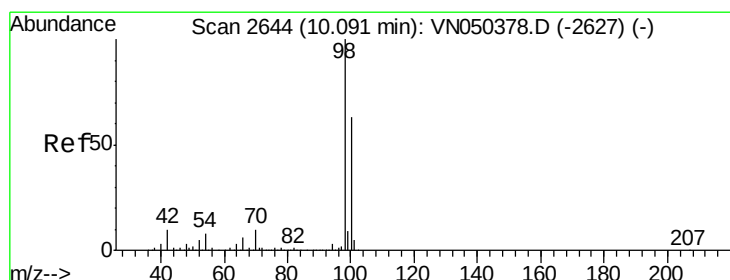
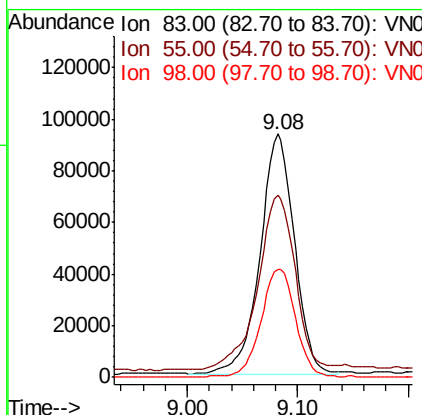
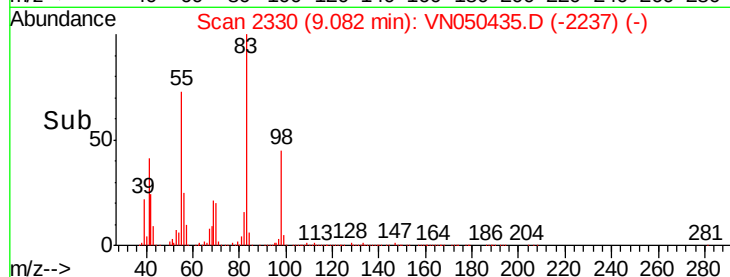
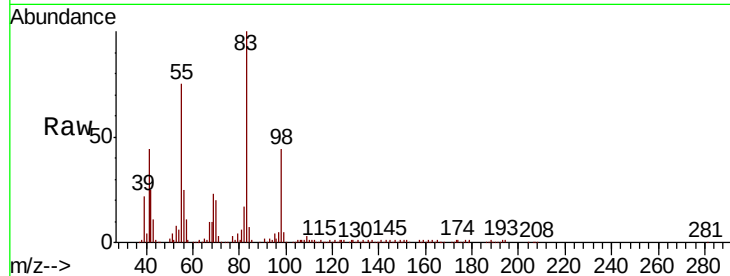
#39
Methylcyclohexane
Concen: 12.88 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	61.8	92.8
98	45.0	36.5	54.7

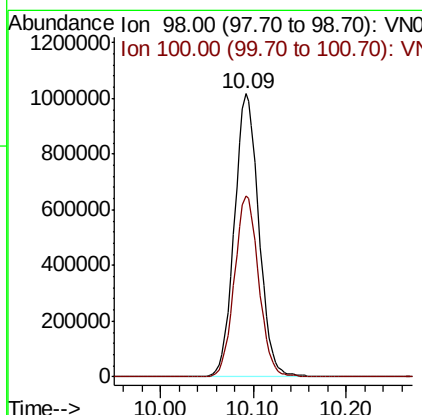
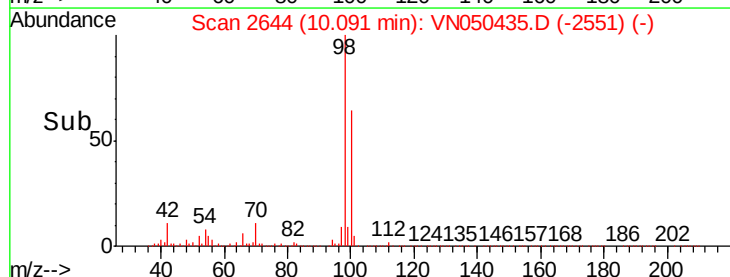
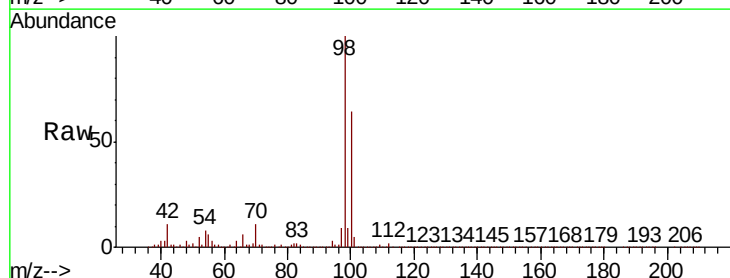
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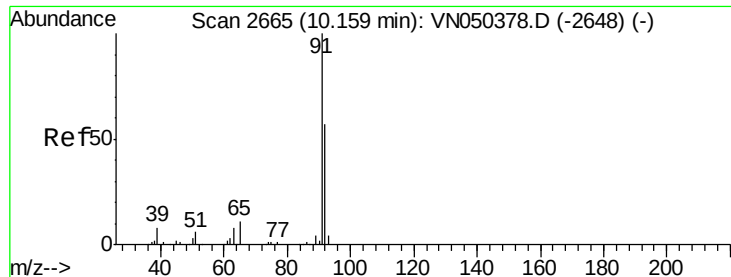
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#50
Toluene-d8
Concen: 47.53 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1





#52

Toluene

Concen: 8.74 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050435.D

Acq: 7 Aug 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-3

Tot Ion: 92 Resp: 229672

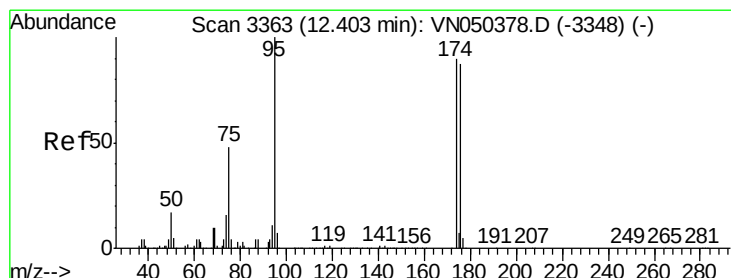
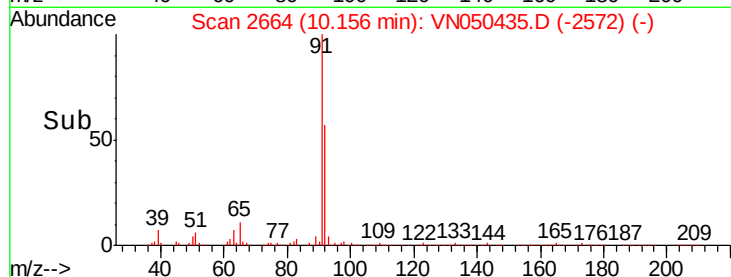
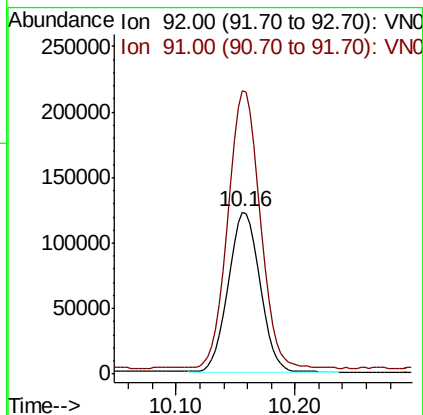
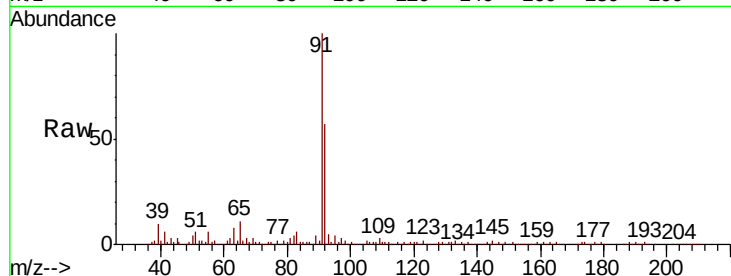
Ion Ratio Lower Upper

92 100

91 172.3 140.3 210.5

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#62

4-Bromofluorobenzene

Concen: 47.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050435.D

Acq: 7 Aug 2018 16:40

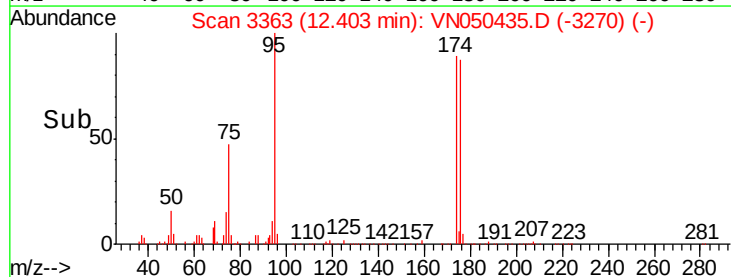
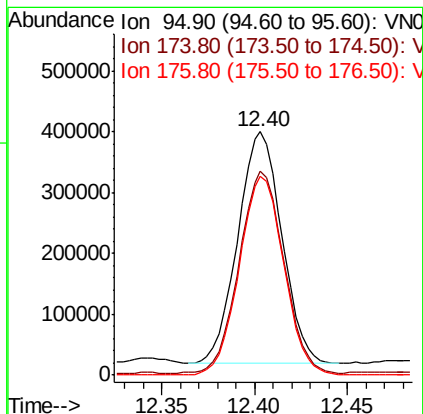
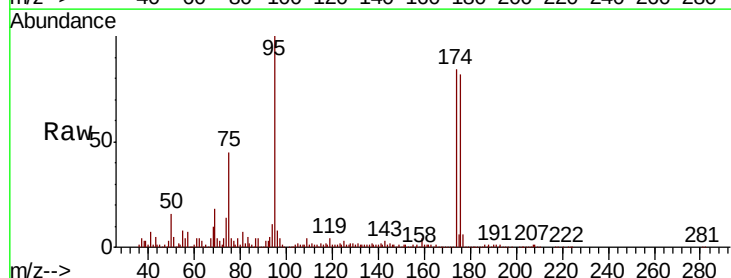
Tgt Ion: 95 Resp: 625665

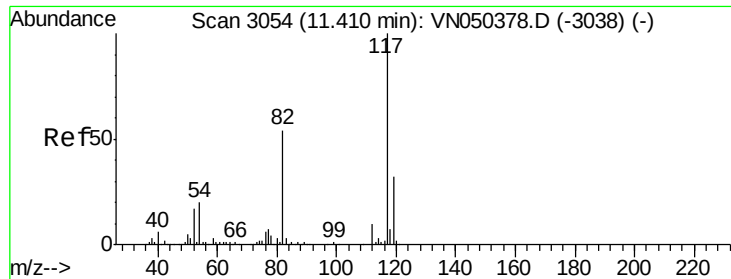
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.2

176 86.8 0.0 173.4





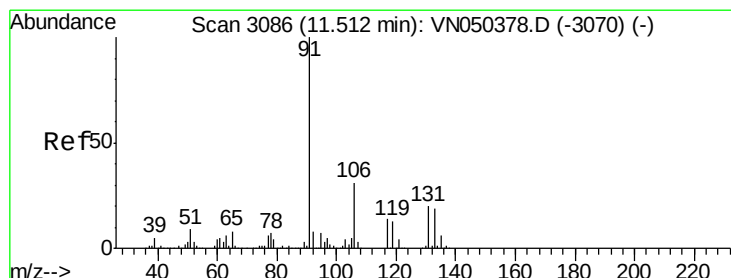
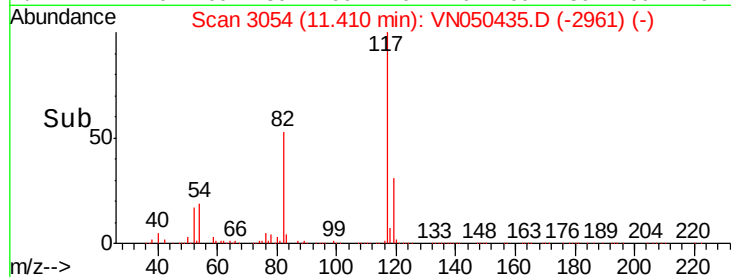
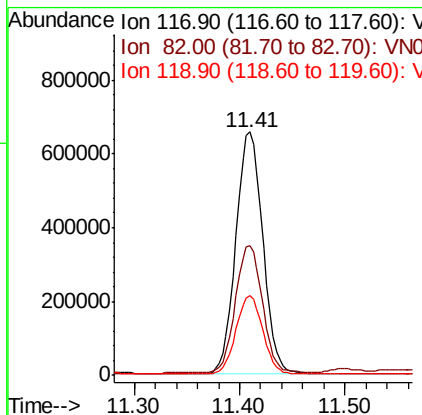
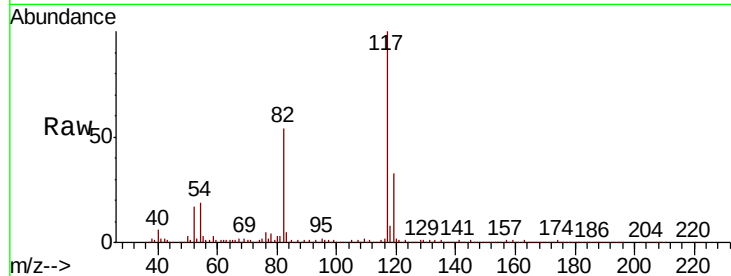
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:117 Resp: 1159778
Ion Ratio Lower Upper
117 100
82 52.7 43.7 65.5
119 32.4 26.1 39.1

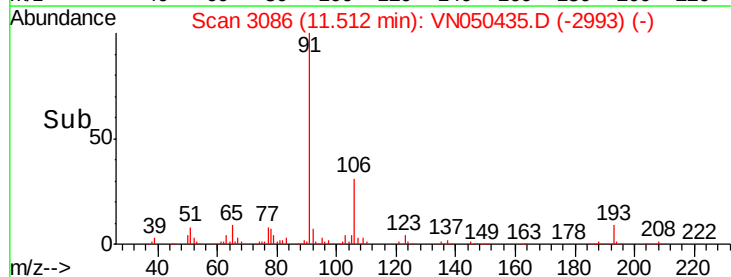
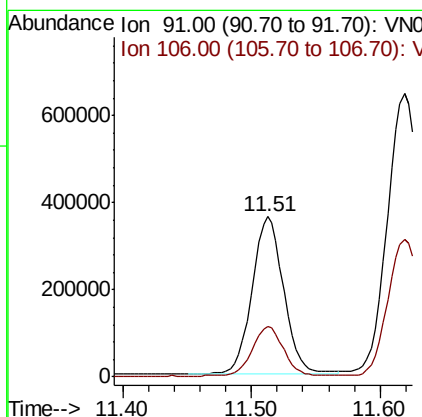
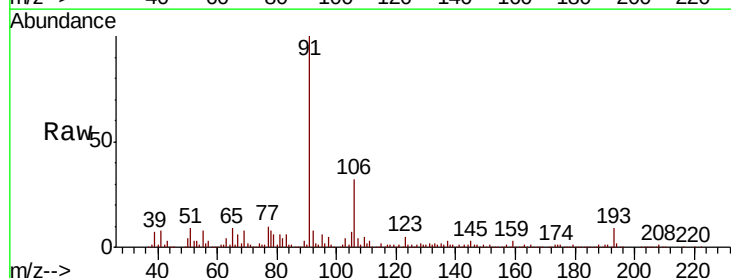
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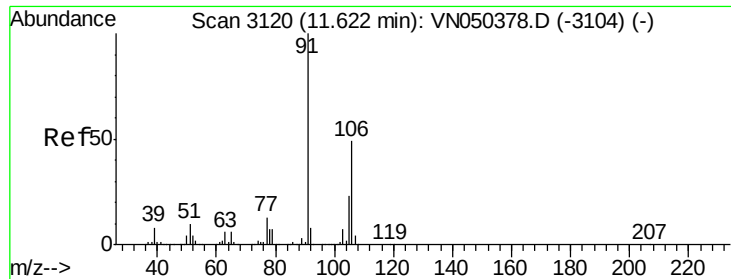
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#67
Ethyl Benzene
Concen: 13.12 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Tgt Ion: 91 Resp: 616560
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4





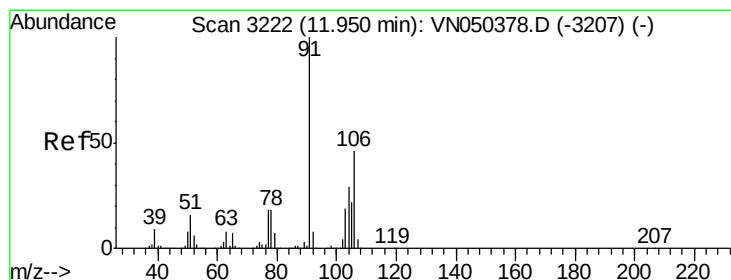
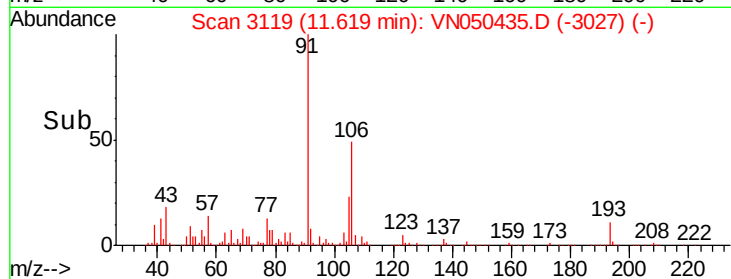
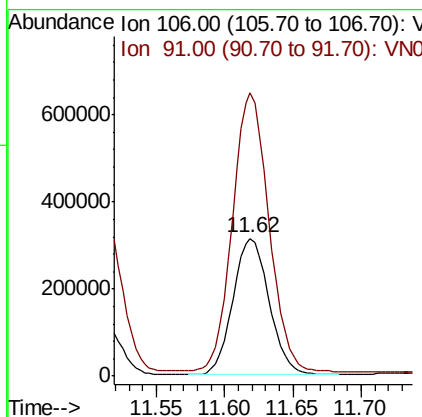
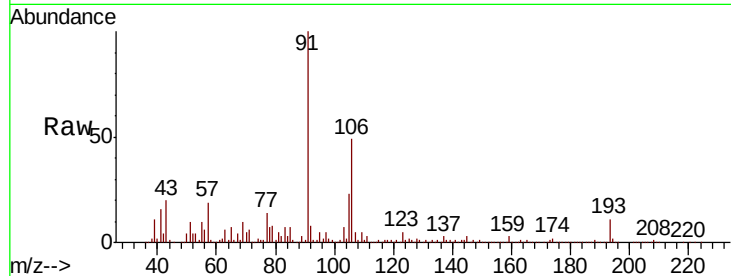
#68
m/p-Xylenes
Concen: 32.34 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:106 Resp: 578712
Ion Ratio Lower Upper
106 100
91 205.4 162.2 243.2

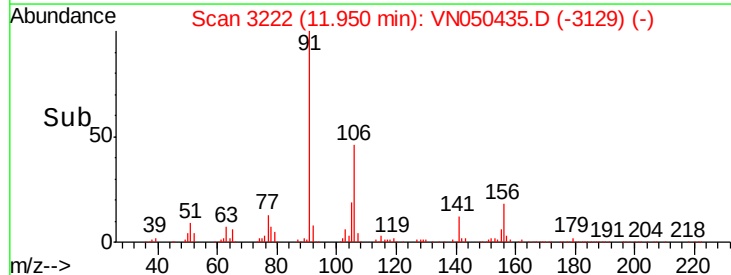
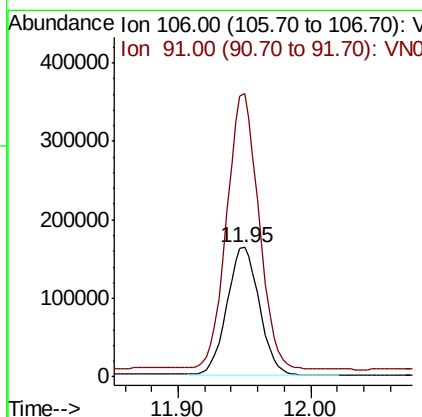
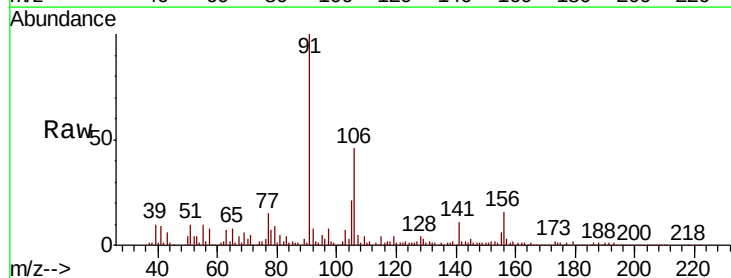
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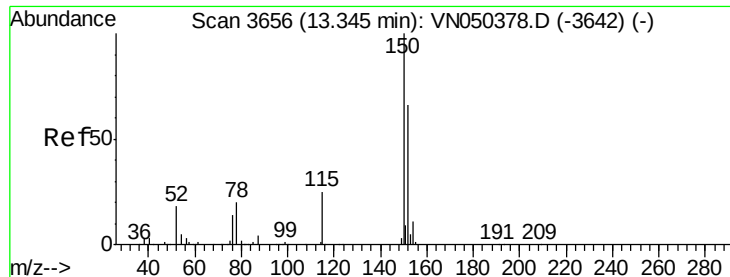
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#69
o-Xylene
Concen: 16.06 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Tgt Ion:106 Resp: 276826
Ion Ratio Lower Upper
106 100
91 212.6 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050435.D

Acq: 7 Aug 2018 16:40

Instrument :

MSVOA_N

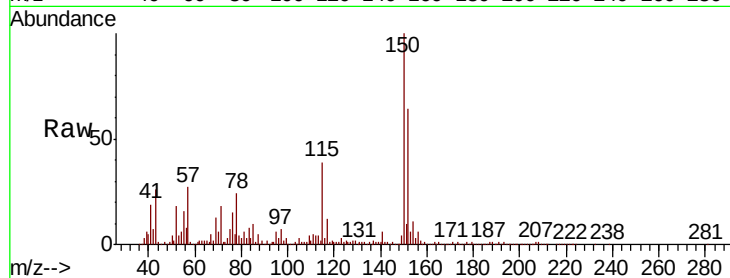
ClientSampled :

TP-3

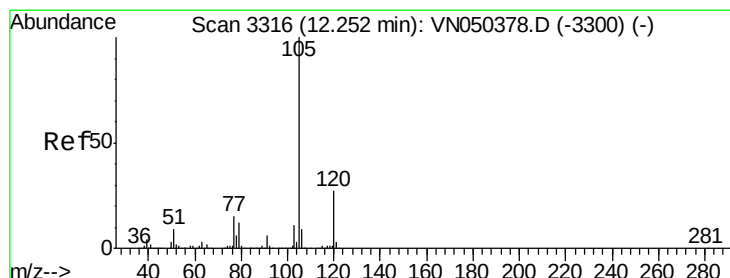
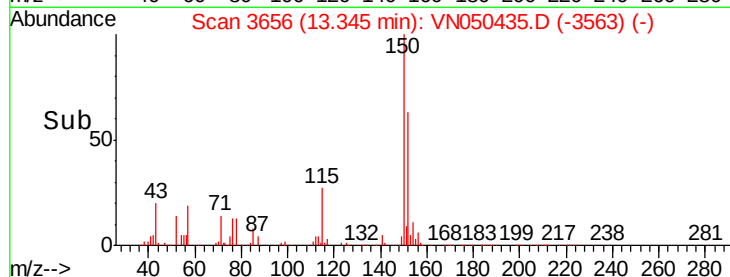
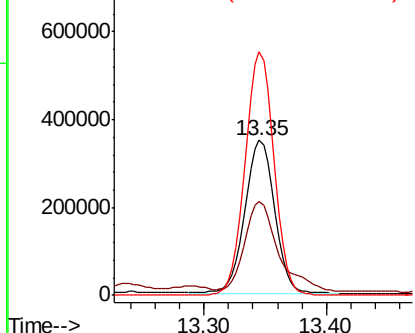
Tot Ion:	152	Resp:	589493
Ion Ratio	Lower	Upper	
152	100		
115	65.8	27.8	83.3
150	150.8	0.0	348.6

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: 3.49 ug/l

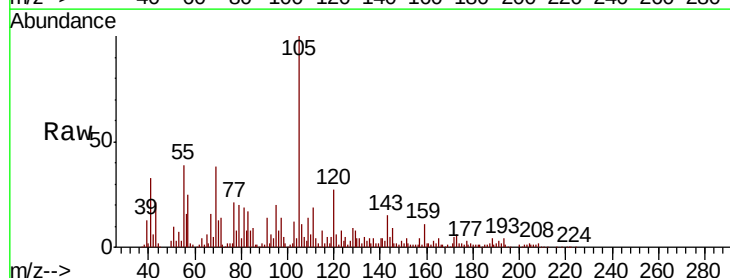
RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

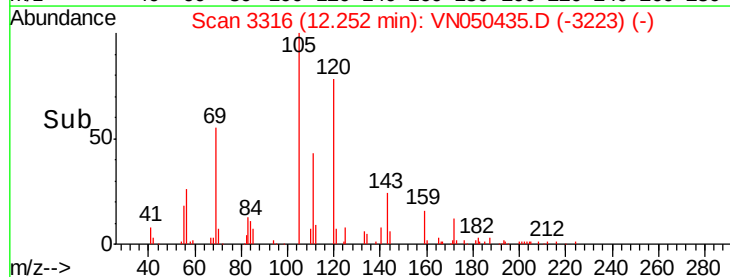
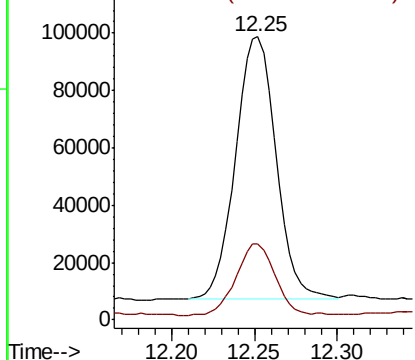
Lab File: VN050435.D

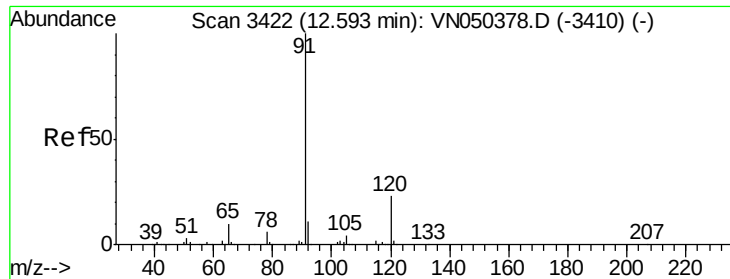
Acq: 7 Aug 2018 16:40

Tgt Ion:	105	Resp:	154466
Ion Ratio	Lower	Upper	
105	100		
120	26.4	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: 7.79 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050435.D

Acq: 7 Aug 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

TP-3

Tot Ion: 91 Resp: 389971

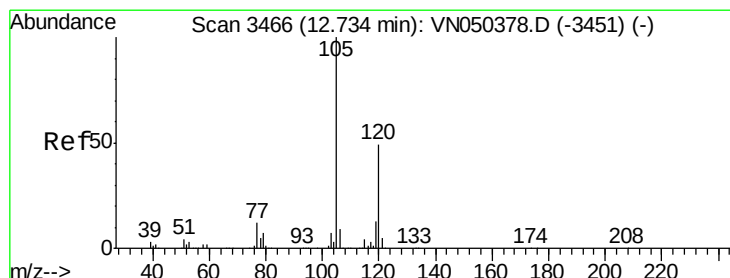
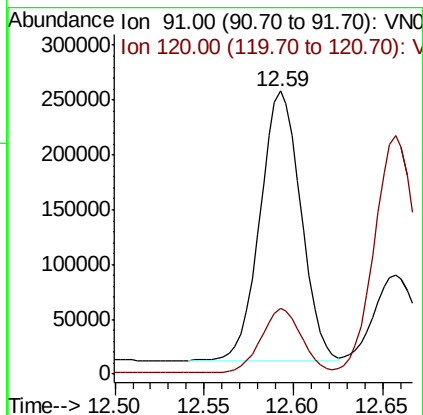
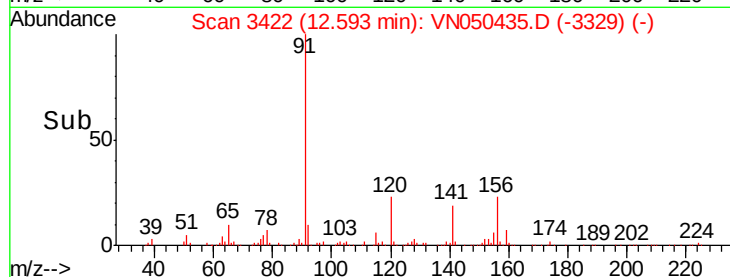
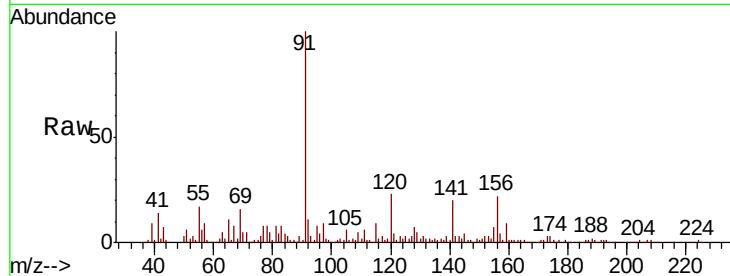
Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.58 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050435.D

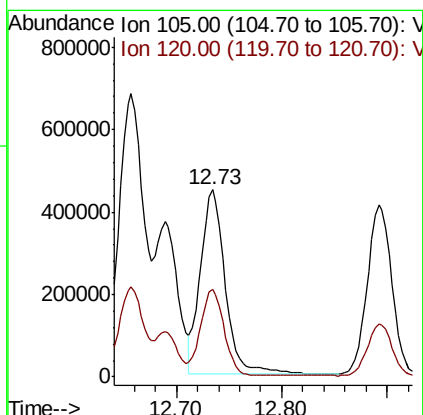
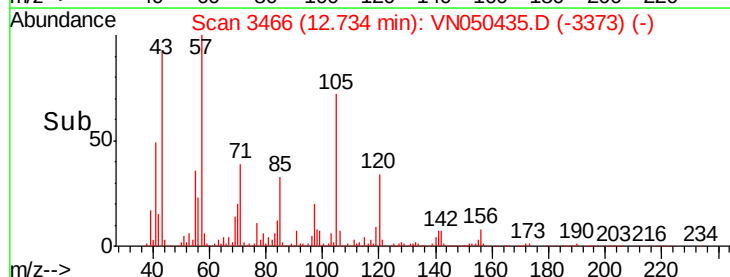
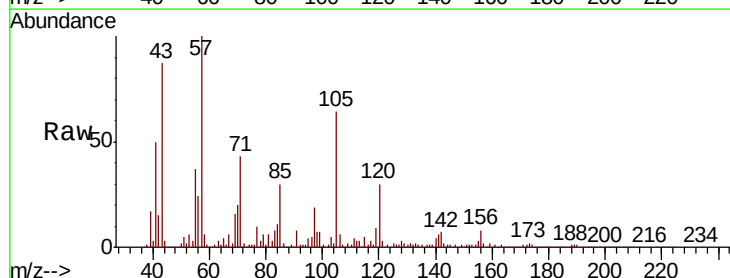
Acq: 7 Aug 2018 16:40

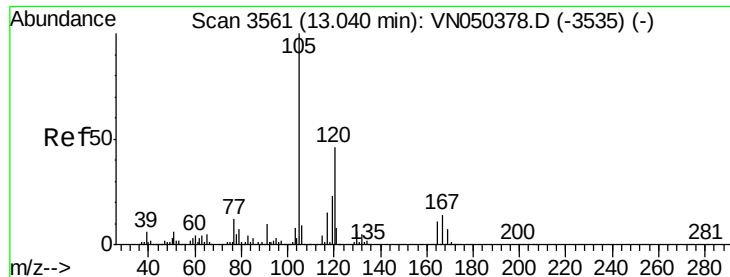
Tgt Ion: 105 Resp: 739259

Ion Ratio Lower Upper

105 100

120 43.6 24.4 73.2





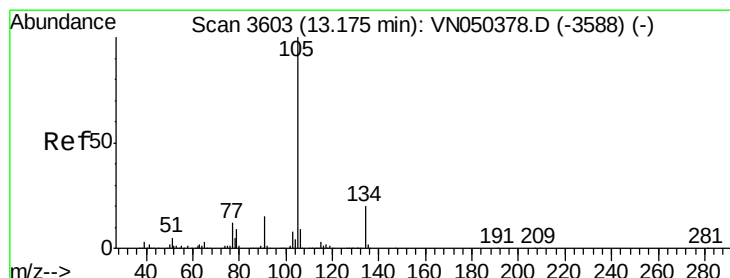
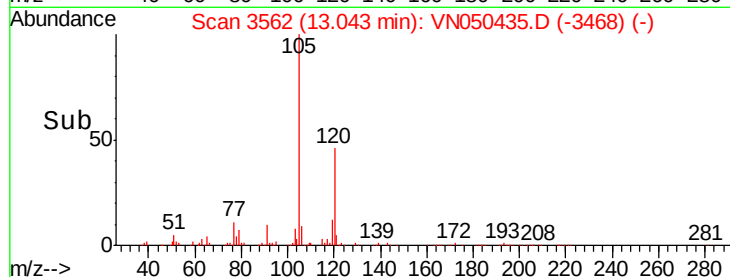
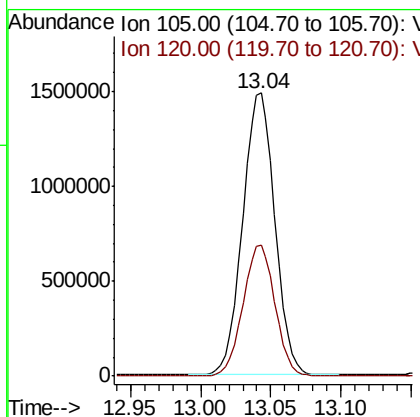
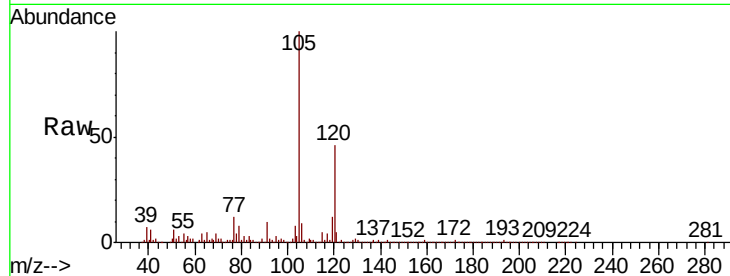
#84
 1,2,4-Trimethylbenzene
 Concen: 65.26 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tot Ion:105 Resp: 2374591
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7

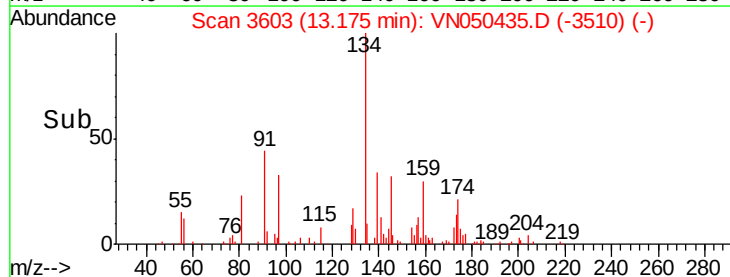
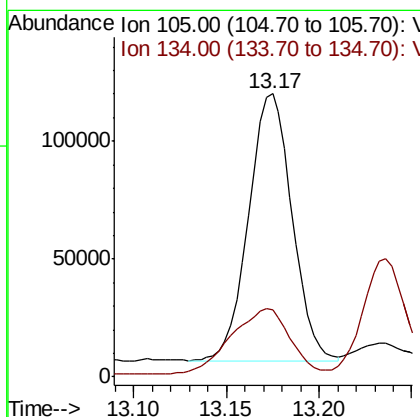
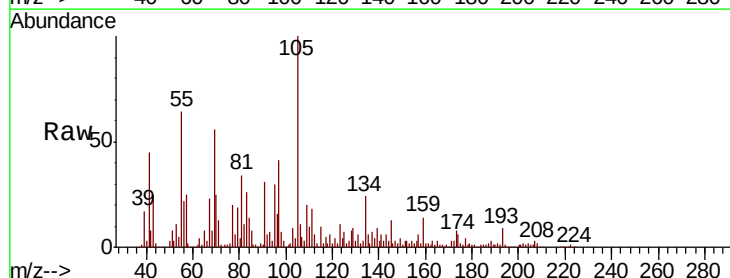
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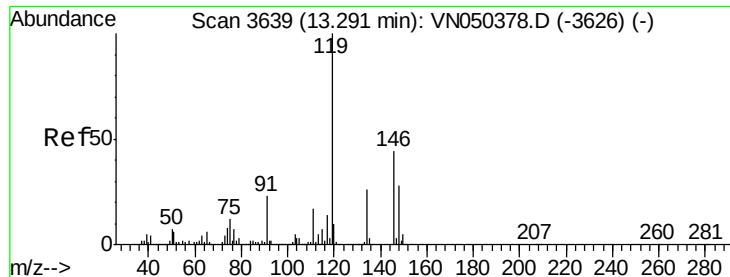
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#85
 sec-Butylbenzene
 Concen: 4.43 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Tgt Ion:105 Resp: 185214
 Ion Ratio Lower Upper
 105 100
 134 33.7 10.1 30.1#





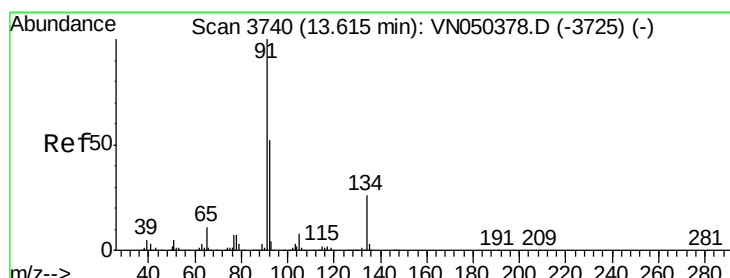
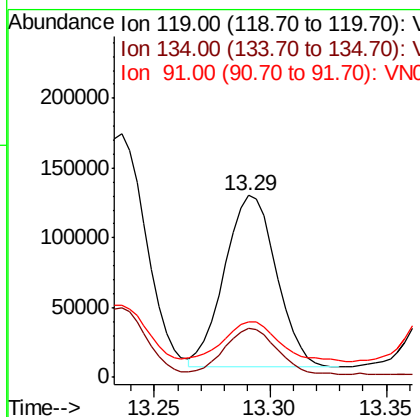
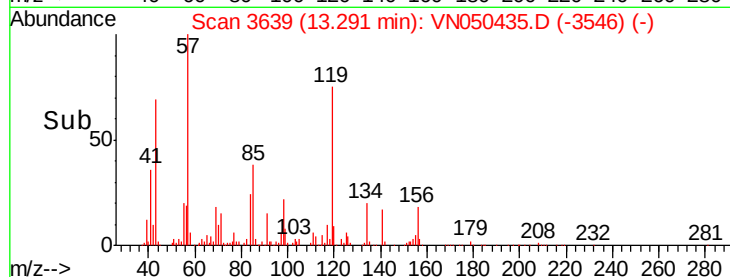
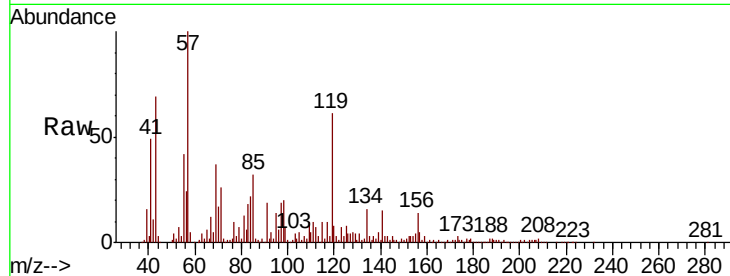
#86
 p-Isopropyltoluene
 Concen: 5.33 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190610		
134	27.0	13.3	39.8	
91	24.7	11.4	34.2	

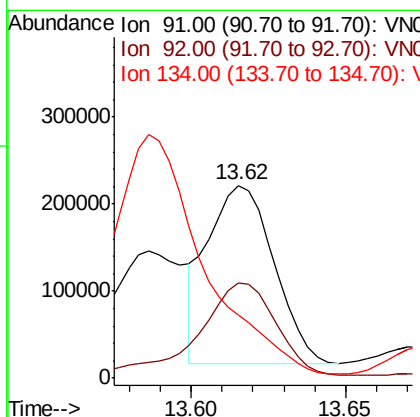
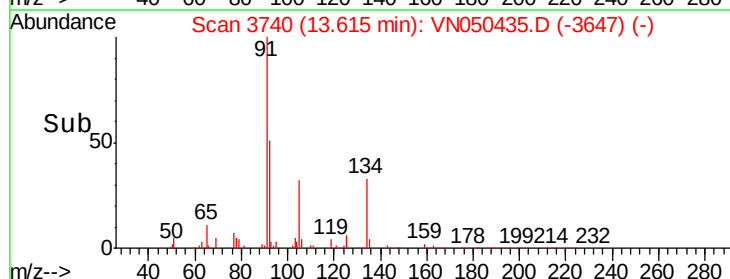
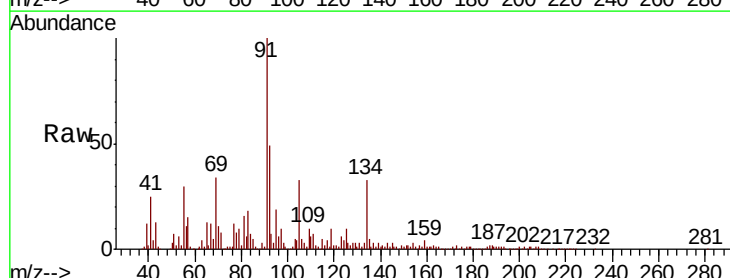
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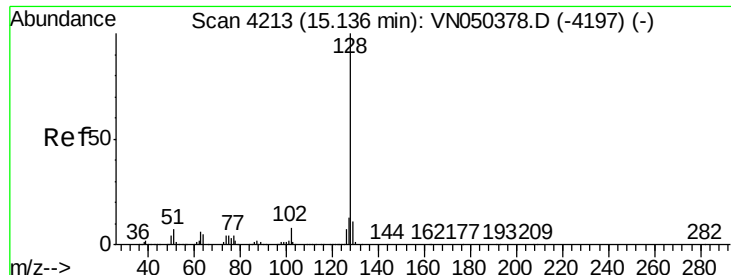
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#89
 n-Butylbenzene
 Concen: 9.97 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050435.D
 Acq: 7 Aug 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	303952		
92	61.9	25.8	77.4	
134	0.0	12.8	38.4	





#95
Naphthalene
Concen: 91.76 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050435.D
Acq: 7 Aug 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.2	8.8	13.2

Manual Integrations
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8/8/2018 10:47:48 AM

