

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100618\
 Data File : VN051716.D
 Acq On : 6 Oct 2018 3:45
 Operator : MD\SY
 Sample : J5165-05 40X
 Misc : 6.24g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Manual Integrations
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 10/8/2018 12:50:13 PM

Quant Time: Oct 06 04:19:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	524153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	412340	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
35) Dibromofluoromethane	7.59	113	374361	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1414880	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	455643	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
					Qvalue	
73) Isopropylbenzene	12.25	105	12469	0.279	ug/l	91
78) n-propylbenzene	12.59	91	86706	1.779	ug/l	96
83) tert-Butylbenzene	12.99	119	65429	1.939	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	40530	1.075	ug/l	96
85) sec-Butylbenzene	13.17	105	626722	14.043	ug/l #	75
86) p-Isopropyltoluene	13.29	119	38796m	0.981	ug/l	
89) n-Butylbenzene	13.62	91	351477	11.235	ug/l #	73

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

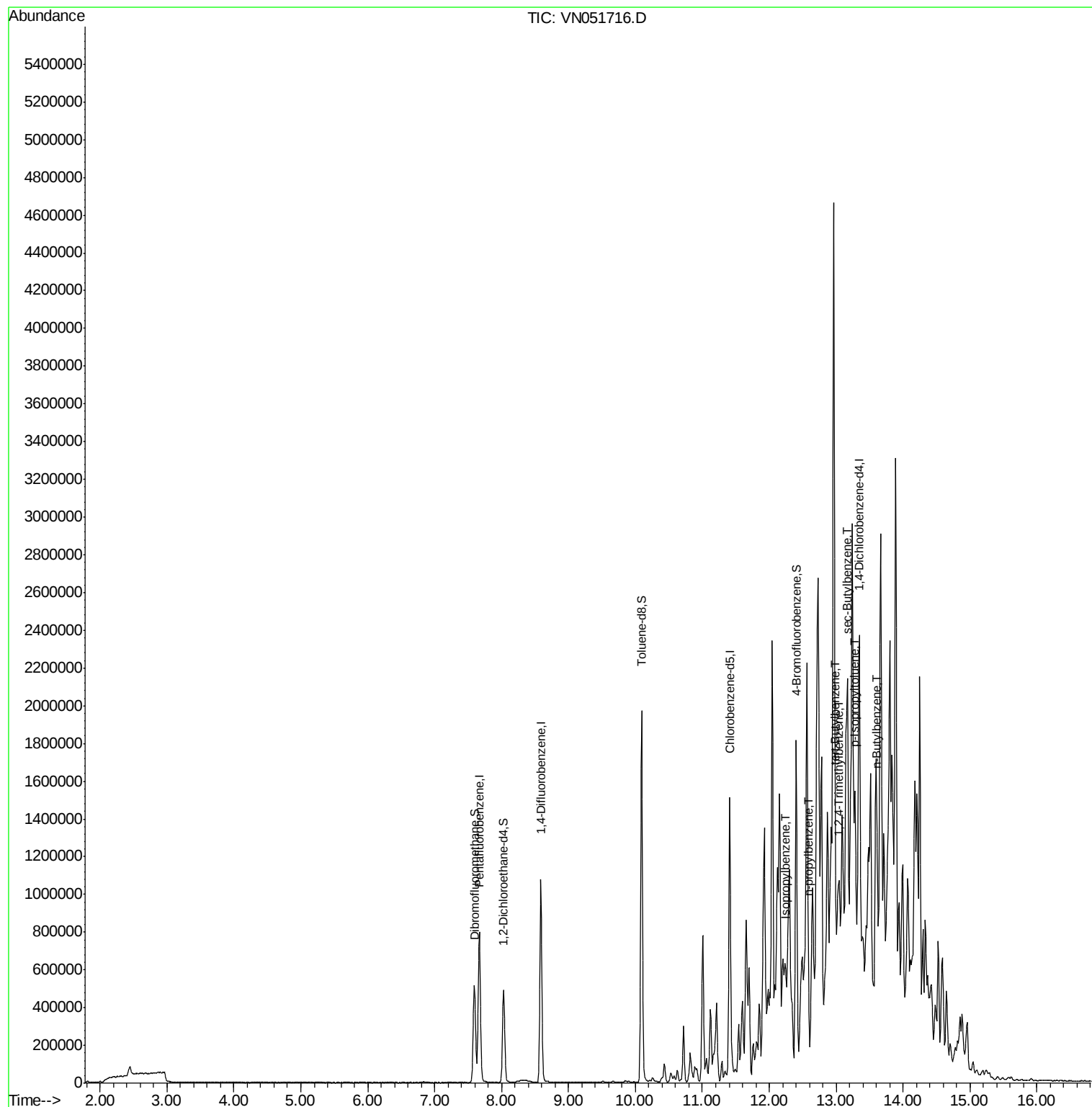
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
Data File : VN051716.D
Acq On : 6 Oct 2018 3:45
Operator : MD\SY
Sample : J5165-05 40X
Misc : 6.24g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 46 Sample Multiplier: 28

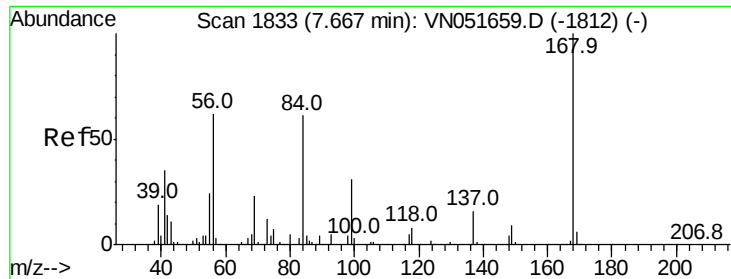
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D-092718(7-10)

Manual Integrations
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Quant Time: Oct 06 04:19:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D-092718(7-10)

Tot Ion:168 Resp: 695488

Ion Ratio Lower Upper

168 100

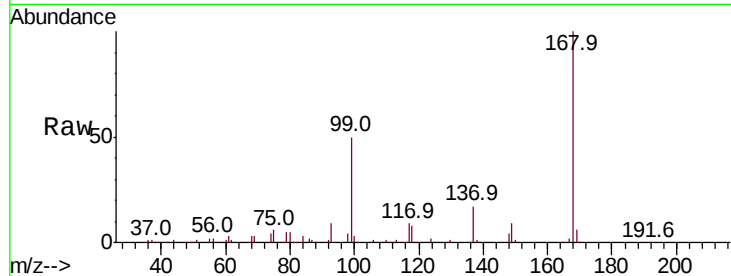
99 49.8 40.4 60.6

Manual Integrations

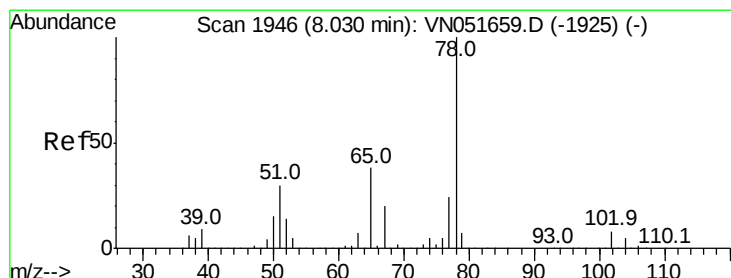
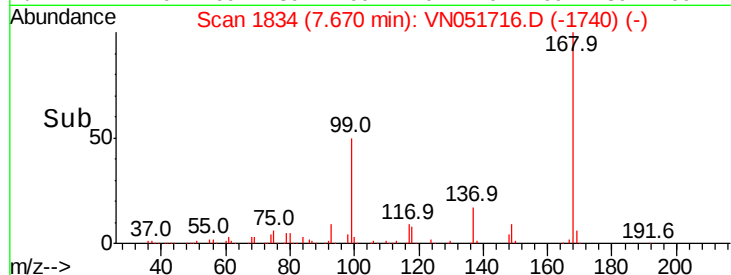
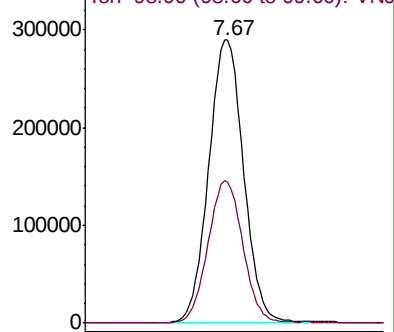
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Abundance Ion 167.90 (167.60 to 168.60): VN051716.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051716.D

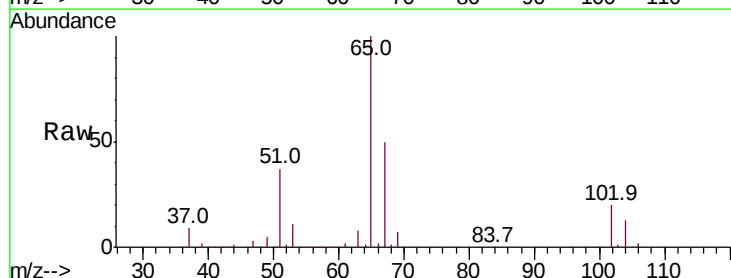
Acq: 6 Oct 2018 3:45

Tgt Ion: 65 Resp: 412340

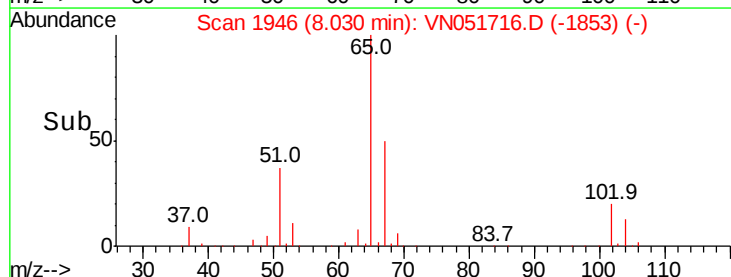
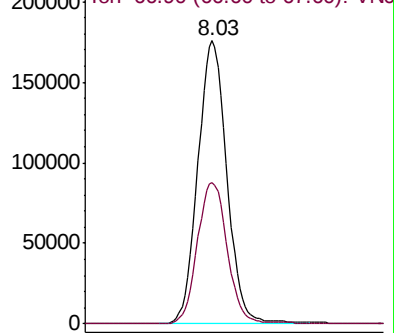
Ion Ratio Lower Upper

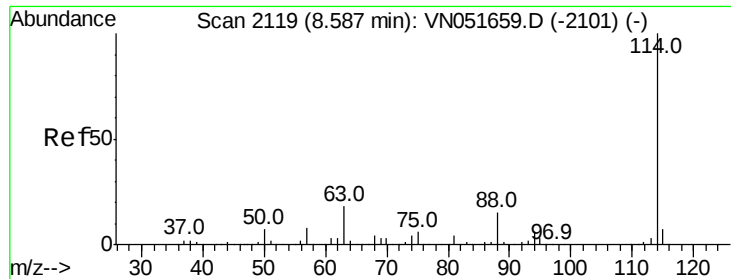
65 100

67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051716.D (-1853) (-)





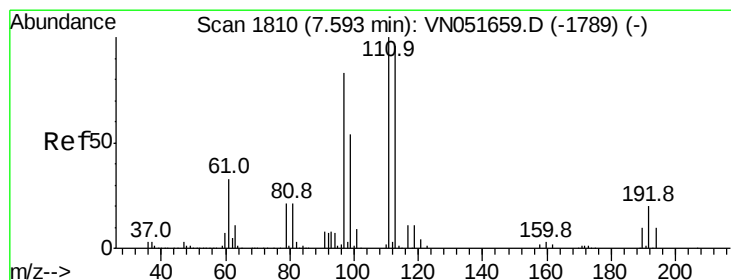
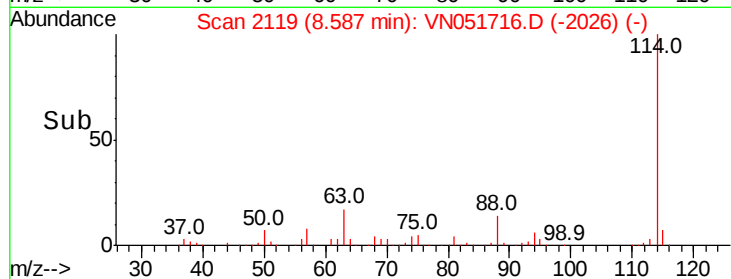
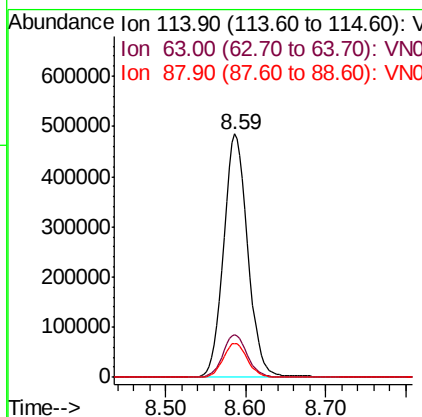
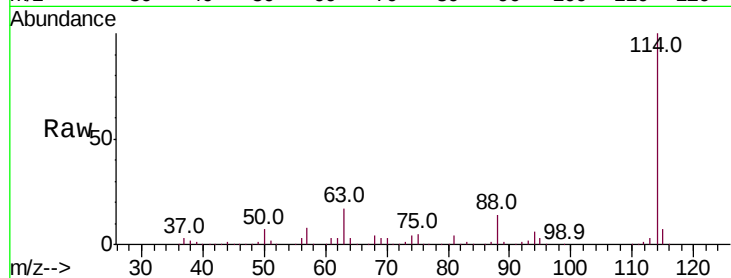
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051716.D
 Acq: 6 Oct 2018 3:45

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.2
88	14.0	0.0	30.2

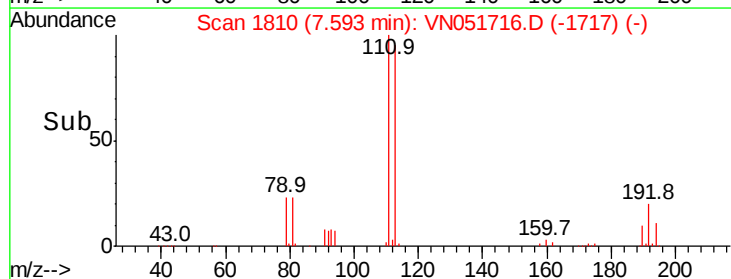
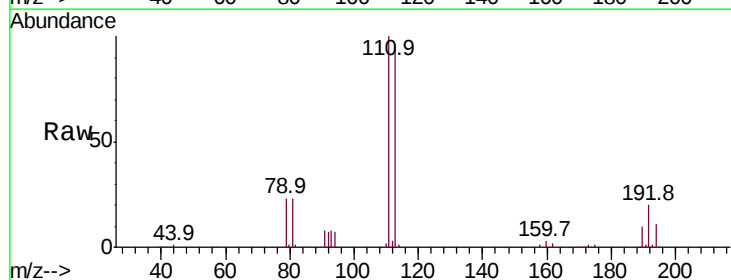
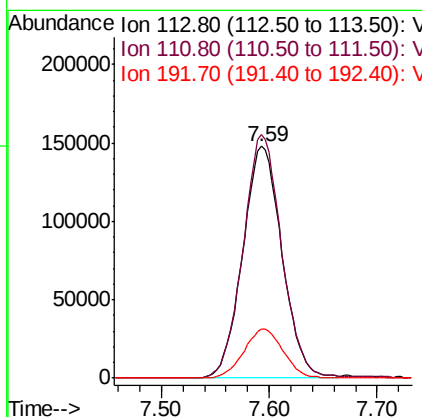
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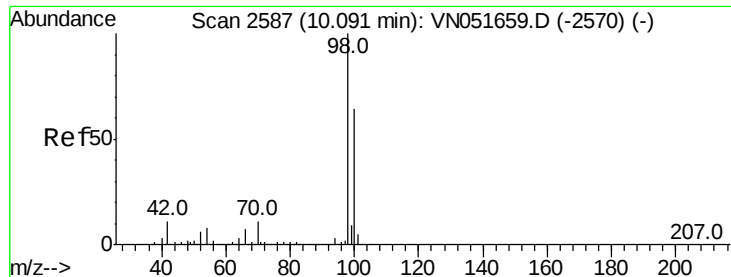
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051716.D
 Acq: 6 Oct 2018 3:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	21.2	16.5	24.7





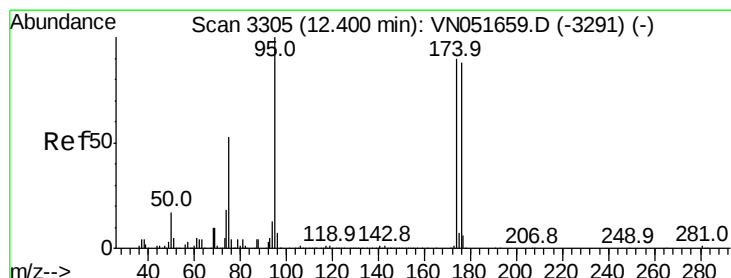
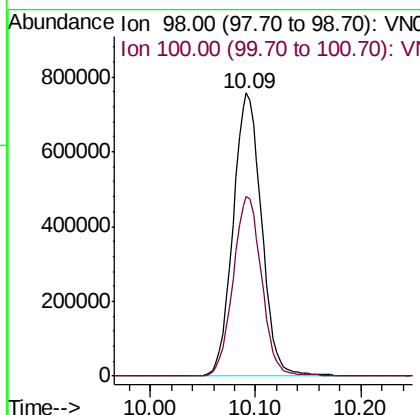
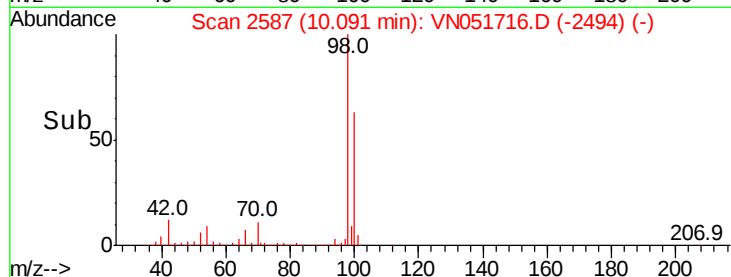
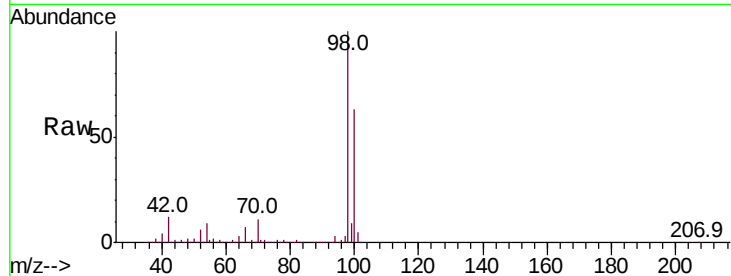
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051716.D
Acq: 6 Oct 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D-092718(7-10)

Tot Ion: 98 Resp: 1414880
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

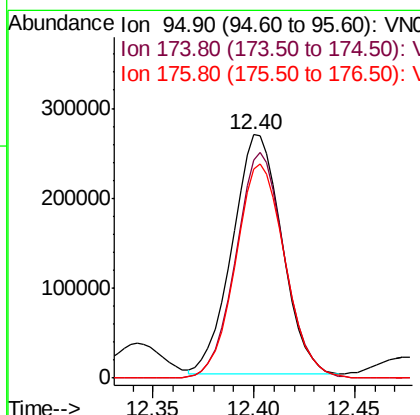
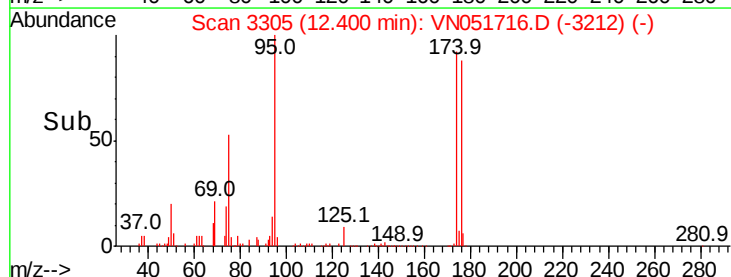
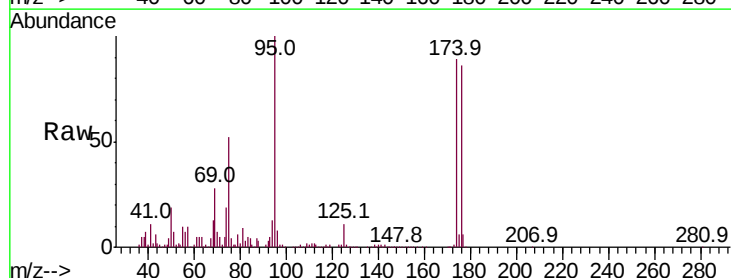
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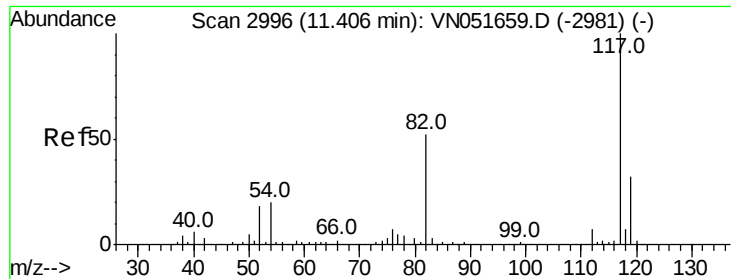
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#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051716.D
Acq: 6 Oct 2018 3:45

Tgt Ion: 95 Resp: 455643
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.8
176 89.9 0.0 176.4





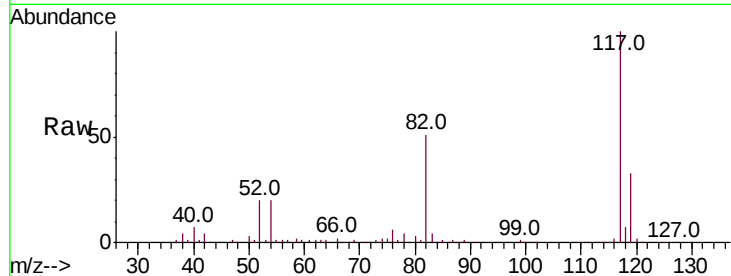
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051716.D
Acq: 6 Oct 2018 3:45

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D-092718(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	896684		
82	50.4	41.3	61.9	
119	32.7	25.9	38.9	

Manual Integrations
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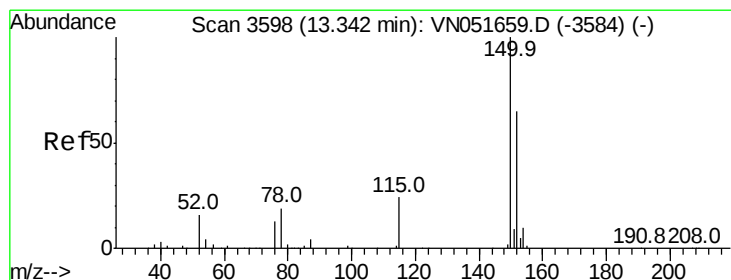
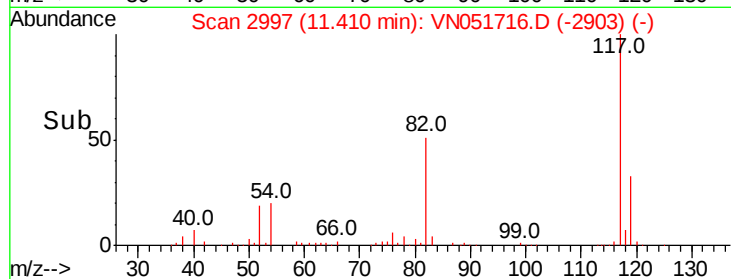
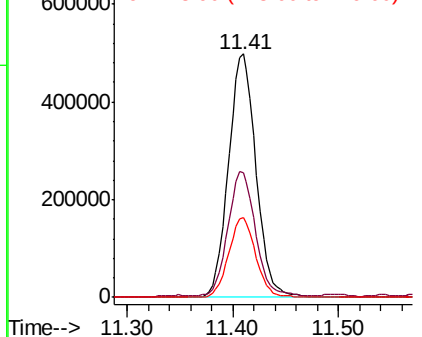


Abundance

Ion 116.90 (116.60 to 117.60): V

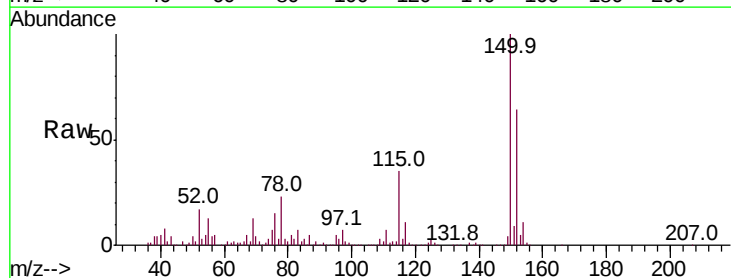
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051716.D
Acq: 6 Oct 2018 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	524153		
115	54.4	28.6	85.8	
150	154.3	0.0	352.4	

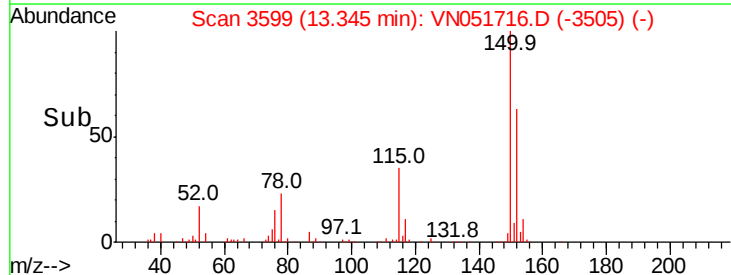
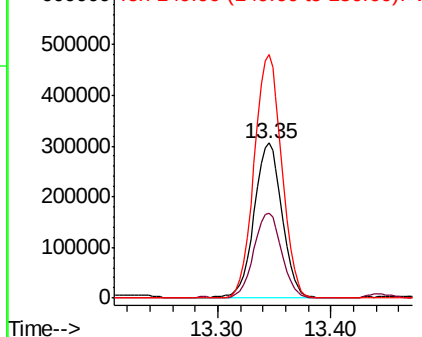


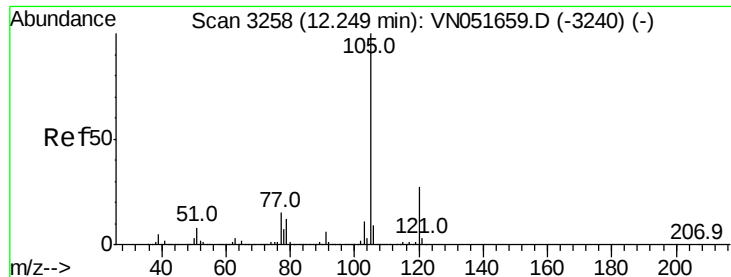
Abundance

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: 0.279 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D-092718(7-10)

Tot Ion: 105 Resp: 12469

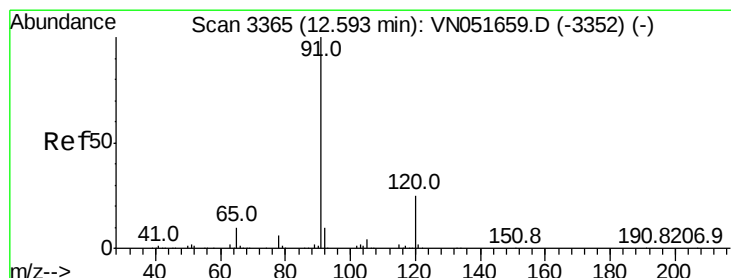
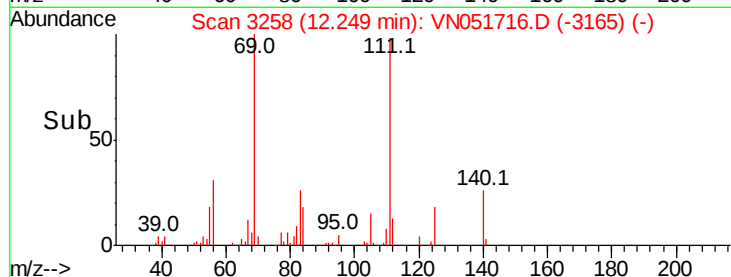
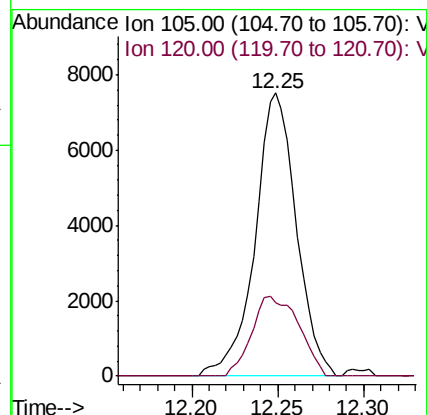
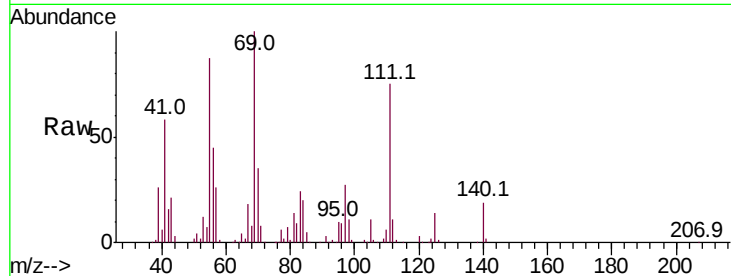
Ion Ratio Lower Upper

105 100

120 32.2 13.9 41.6

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#78

n-propylbenzene

Concen: 1.779 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051716.D

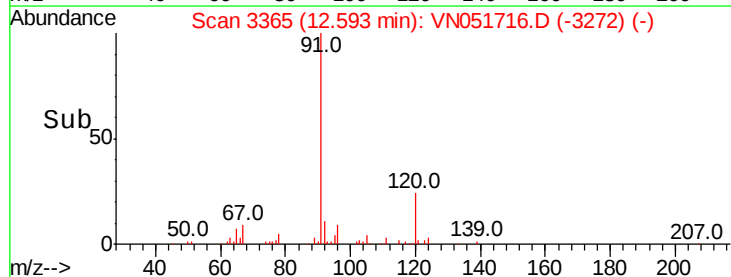
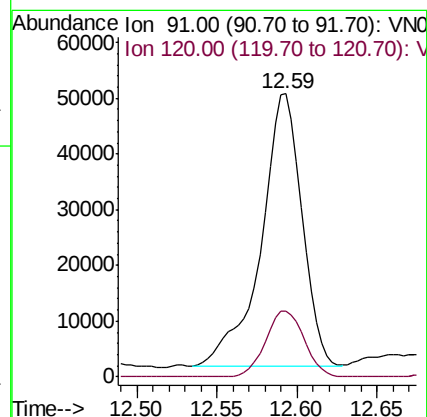
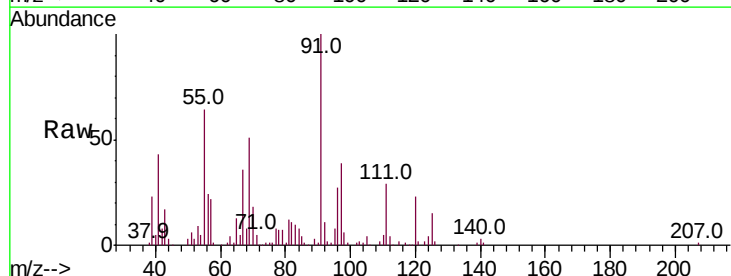
Acq: 6 Oct 2018 3:45

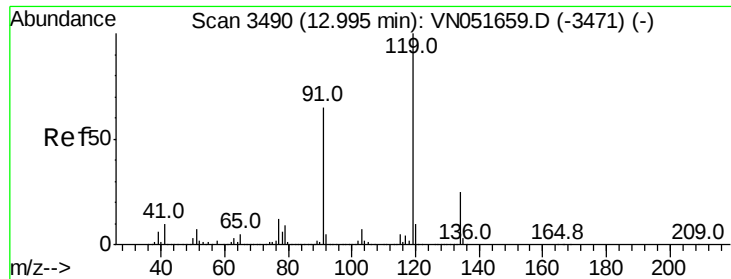
Tgt Ion: 91 Resp: 86706

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





#83

tert-Butylbenzene

Concen: 1.939 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

Instrument :

MSVOA_N

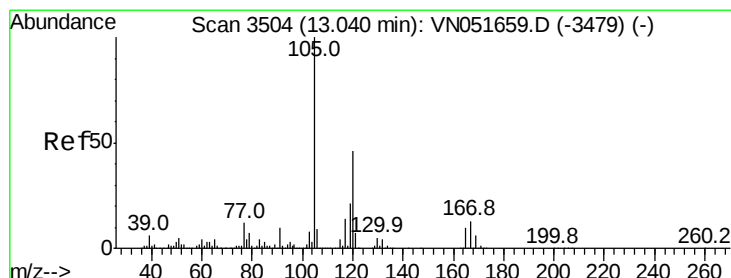
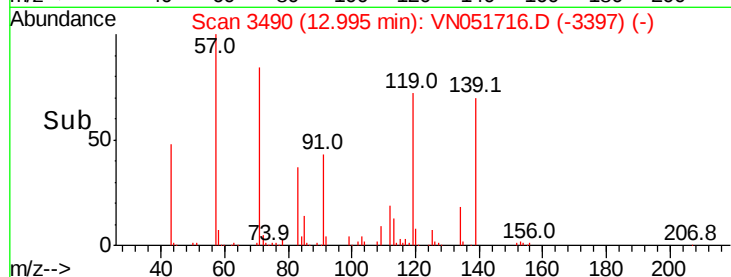
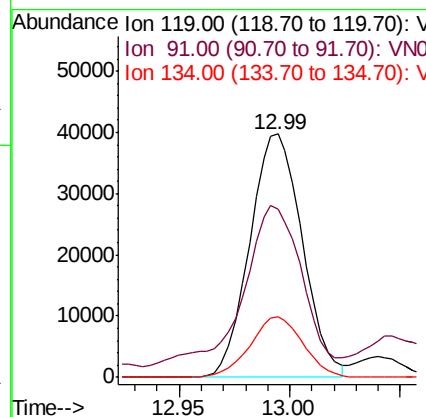
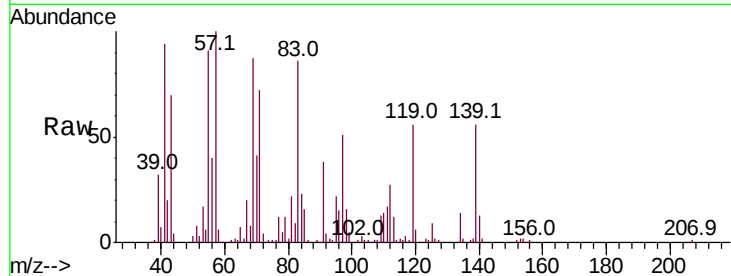
ClientSampleId :

EP1-MW-D-092718(7-10)

Tot Ion:	119	Resp:	65429
Ion Ratio	Lower	Upper	
119	100		
91	73.4	32.1	96.5
134	25.1	13.3	39.9

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#84

1,2,4-Trimethylbenzene

Concen: 1.075 ug/l

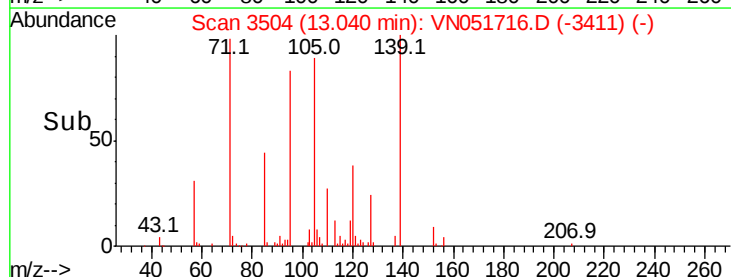
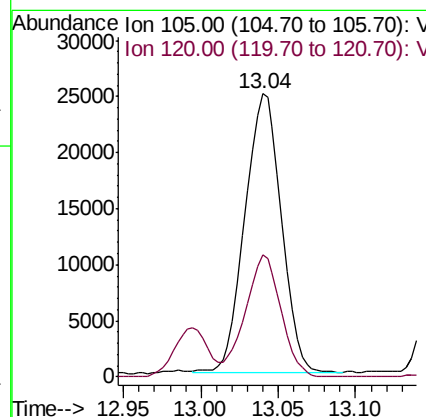
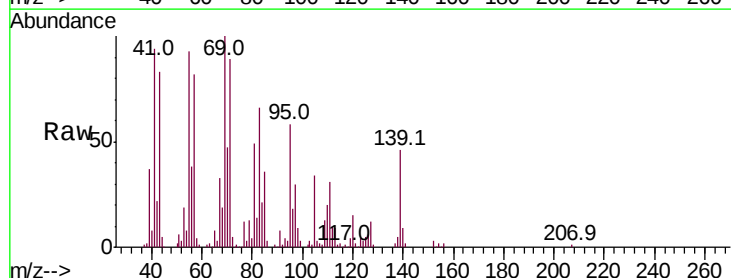
RT: 13.04 min Scan# 3504

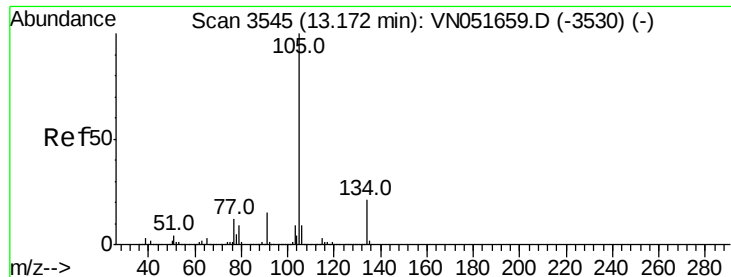
Delta R.T. -0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

Tgt Ion:	105	Resp:	40530
Ion Ratio	Lower	Upper	
105	100		
120	43.3	22.9	68.7





#85

sec-Butylbenzene

Concen: 14.043 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D-092718(7-10)

Tot Ion:105 Resp: 626722

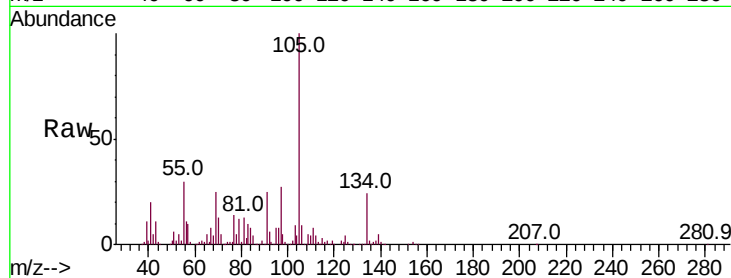
Ion Ratio Lower Upper

105 100

134 33.0 10.5 31.6#

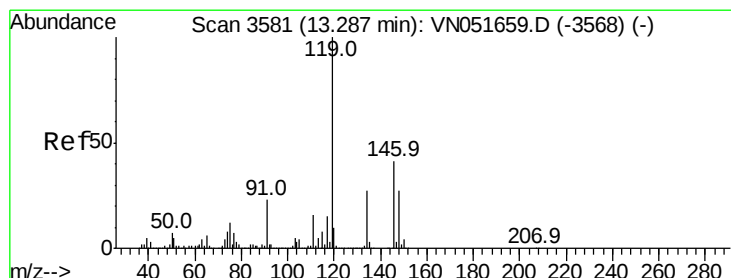
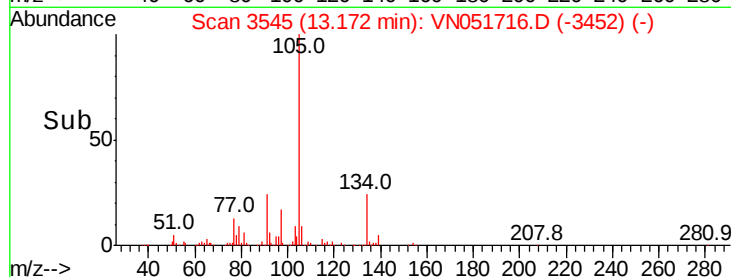
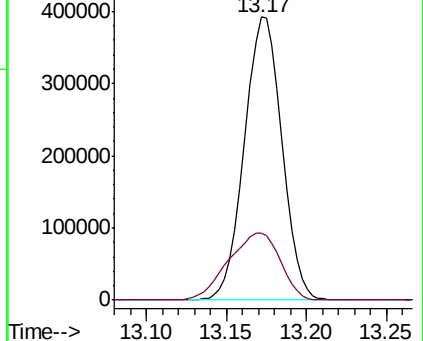
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.981 ug/l m

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051716.D

Acq: 6 Oct 2018 3:45

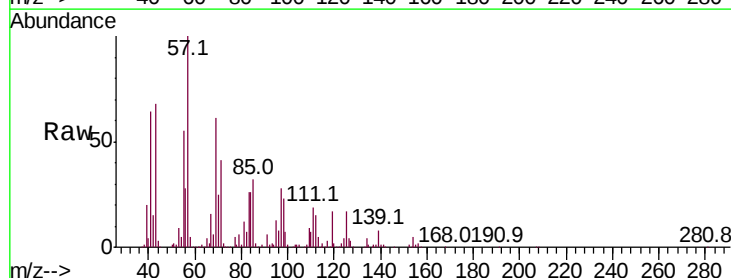
Tgt Ion:119 Resp: 38796

Ion Ratio Lower Upper

119 100

134 104.5 13.4 40.2#

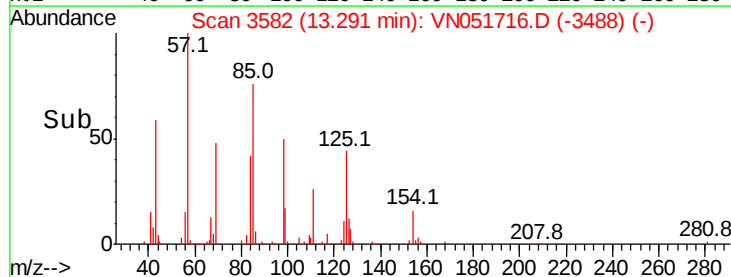
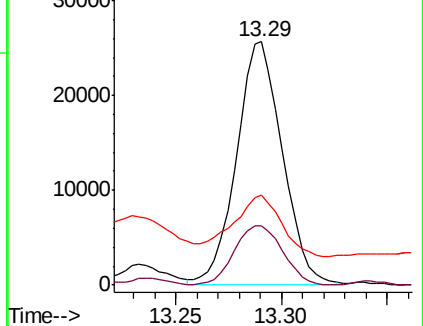
91 105.5 11.7 35.1#

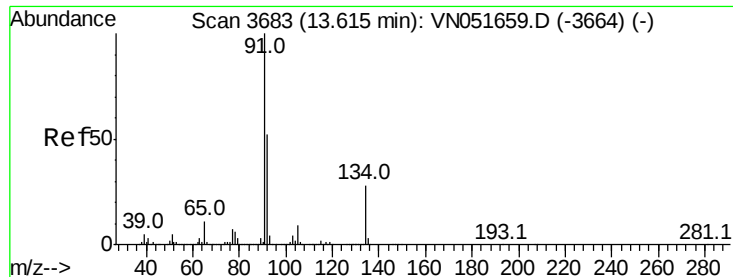


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89
 n-Butylbenzene
 Concen: 11.235 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN051716.D
 Acq: 6 Oct 2018 3:45

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Tot Ion	Ratio	Resp Lower	Upper
91	100		
92	43.5	26.0	78.0
134	0.0	14.2	42.6#

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 12:50:13 PM

