

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011419\
 Data File : VN053386.D
 Acq On : 14 Jan 2019 12:51
 Operator : JC/SP
 Sample : K1102-01ME 10X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

Manual Integrations
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 1/15/2019 11:14:21 AM

Quant Time: Jan 16 07:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	954699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1456003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1371312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461689	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.59	113	405571	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1849013	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.40	95	660708	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	151797	8.794	ug/l #	94
39) Methylcyclohexane	9.08	83	1449959	92.077	ug/l	99
52) Toluene	10.16	92	59181	2.323	ug/l	96
65) Chlorobenzene	11.43	112	66028	2.216	ug/l	98
73) Isopropylbenzene	12.25	105	46988	0.986	ug/l	93
78) n-propylbenzene	12.59	91	101213	1.878	ug/l	99
83) tert-Butylbenzene	12.99	119	8988	0.267	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	13103	0.335	ug/l	98
85) sec-Butylbenzene	13.17	105	124295	2.799	ug/l	85
86) p-Isopropyltoluene	13.29	119	18919m	0.492	ug/l	
89) n-Butylbenzene	13.61	91	73156	2.270	ug/l #	85

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

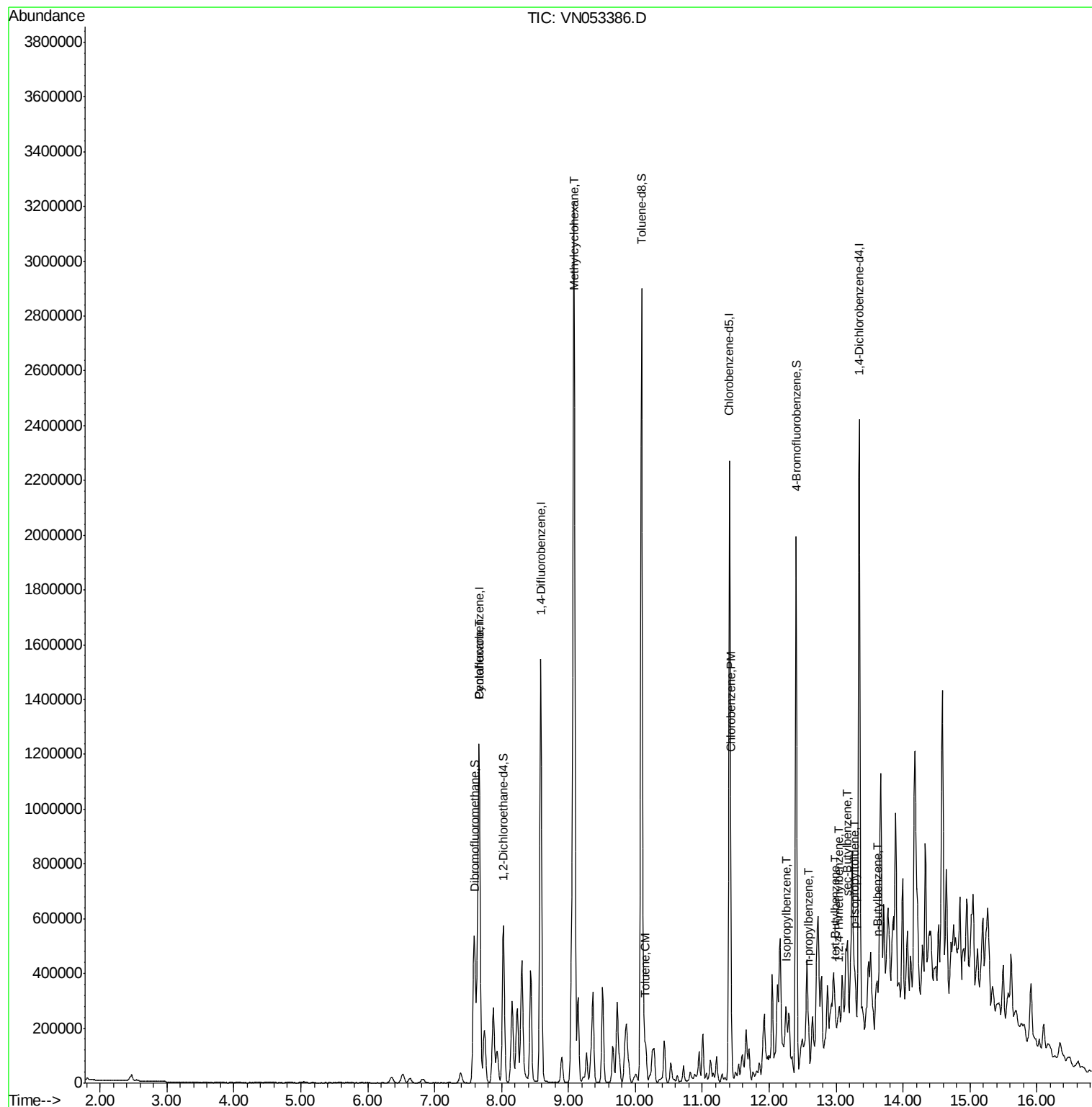
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011419\
Data File : VN053386.D
Acq On : 14 Jan 2019 12:51
Operator : JC/SP
Sample : K1102-01ME 10X
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 28

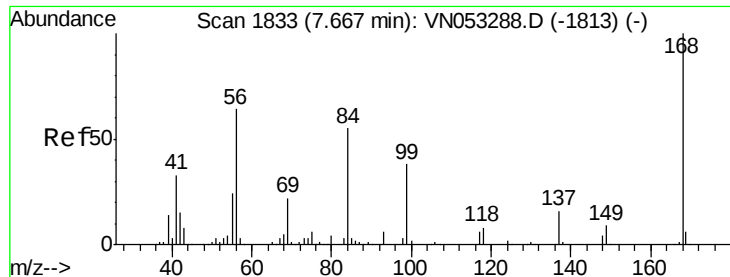
Instrument :
MSVOA_N
ClientSampleId :
CPSB-18(15-20)ME

Manual Integrations
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1/15/2019 11:14:21 AM

Quant Time: Jan 16 07:47:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053386.D

Acq: 14 Jan 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

CPSB-18(15-20)ME

Tot Ion:168 Resp: 954699

Ion Ratio Lower Upper

168 100

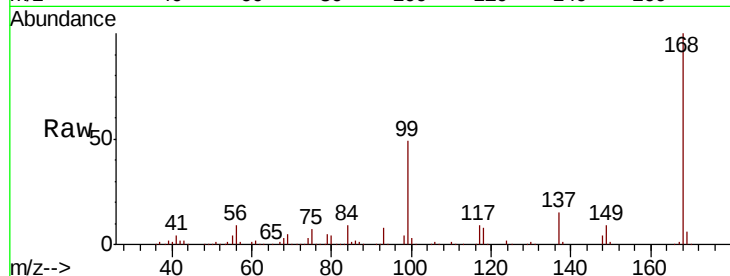
99 48.9 39.1 58.7

Manual Integrations

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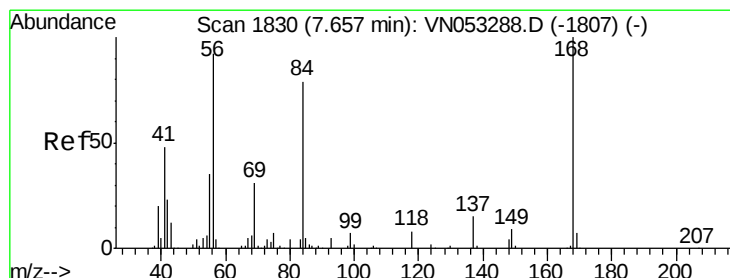
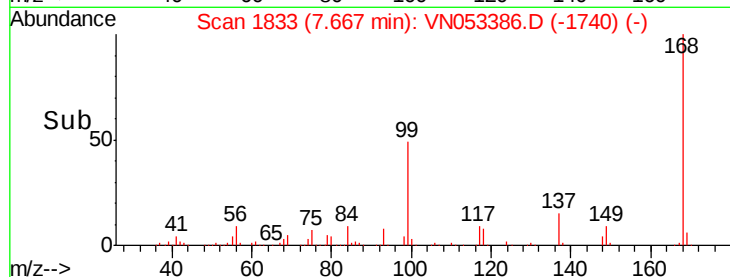
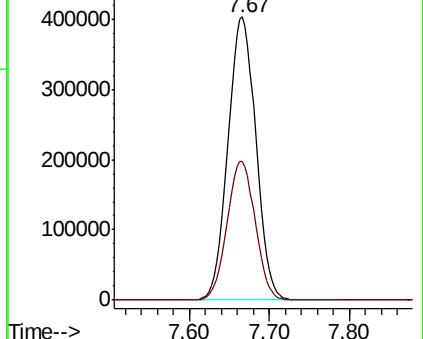
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#31

Cyclohexane

Concen: 8.794 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053386.D

Acq: 14 Jan 2019 12:51

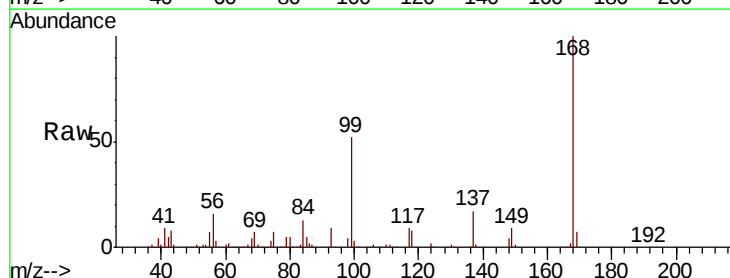
Tgt Ion: 56 Resp: 151797

Ion Ratio Lower Upper

56 100

69 43.6 26.7 40.1#

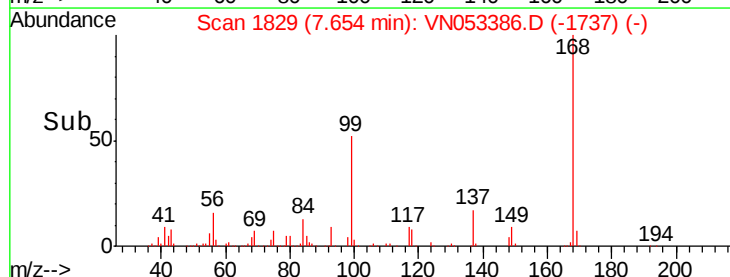
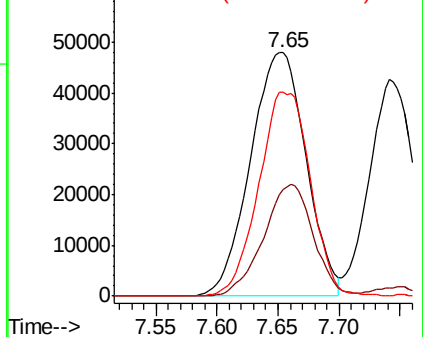
84 83.6 68.2 102.4

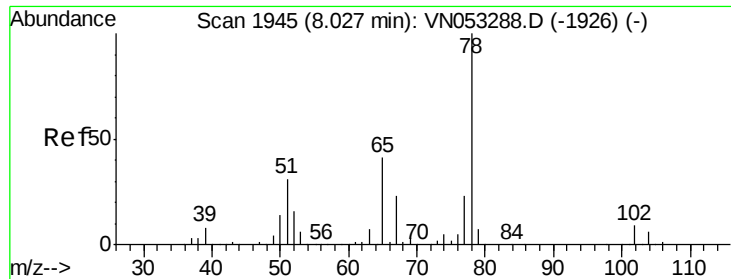


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





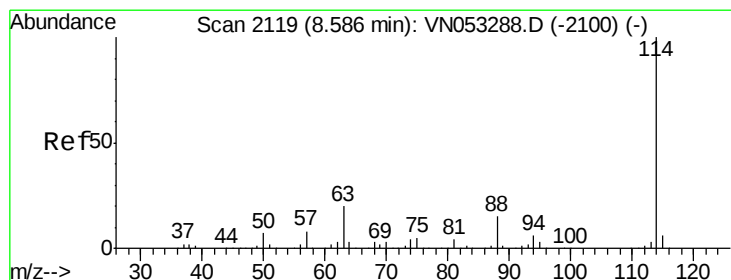
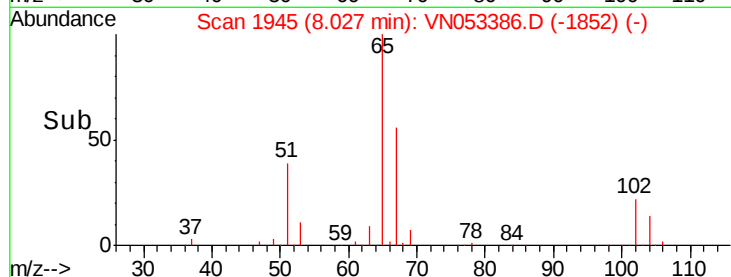
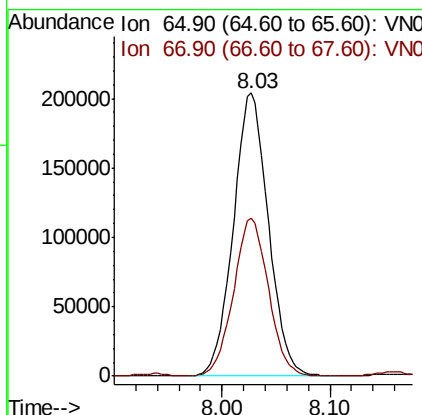
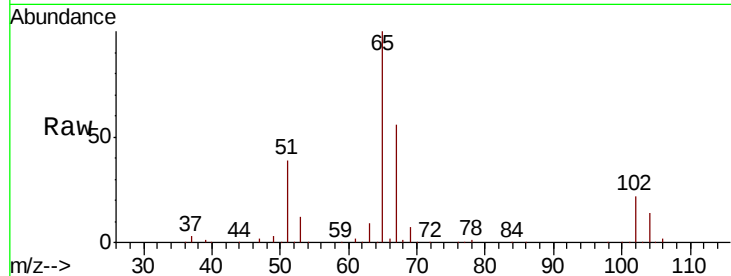
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053386.D
 Acq: 14 Jan 2019 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	461689		
67	55.2	0.0	111.0	

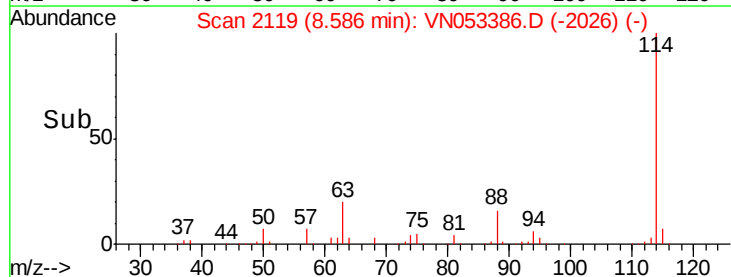
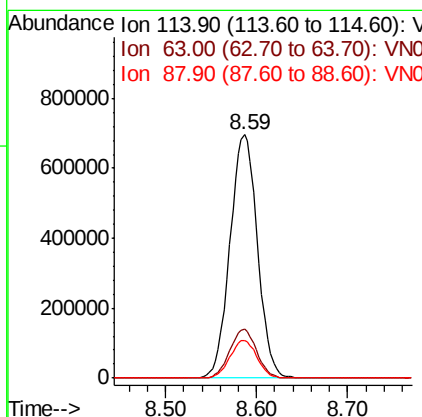
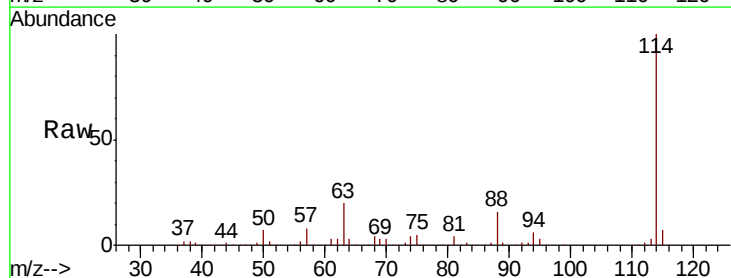
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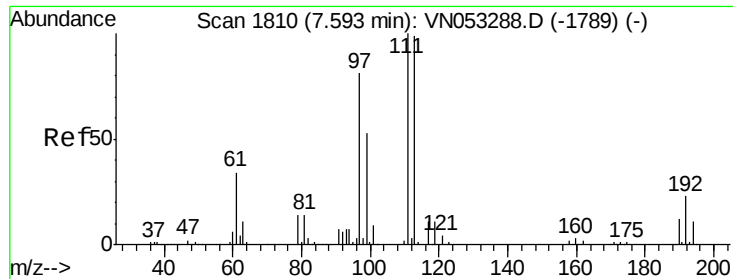
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053386.D
 Acq: 14 Jan 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1456003		
63	20.1	0.0	39.0	
88	15.5	0.0	30.8	





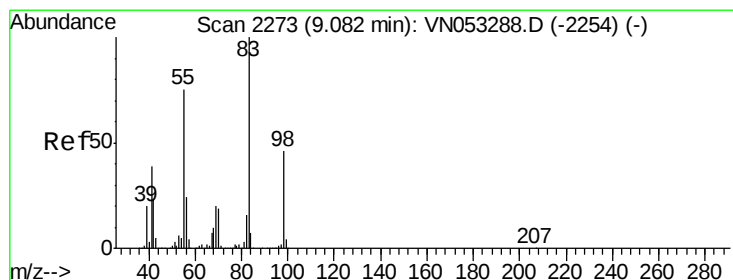
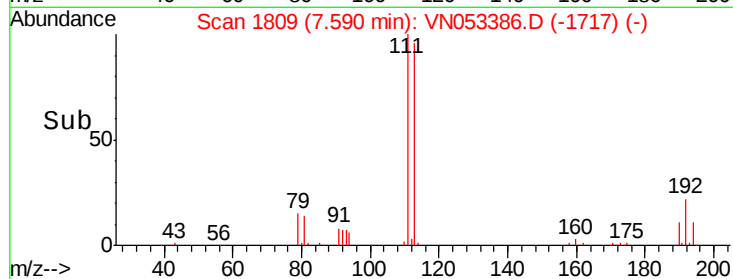
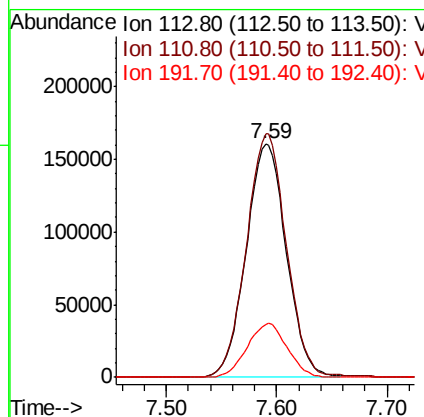
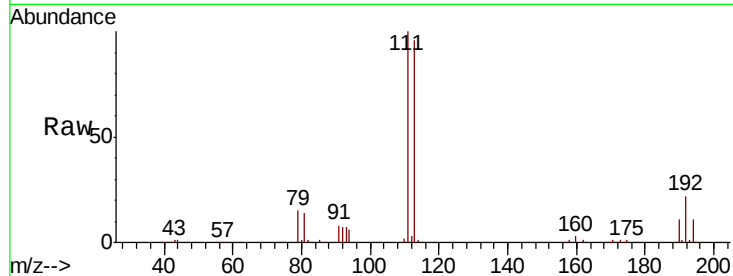
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053386.D
 Acq: 14 Jan 2019 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

Tot Ion:	113	Resp:	405571
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.4	122.2
192	23.1	17.9	26.9

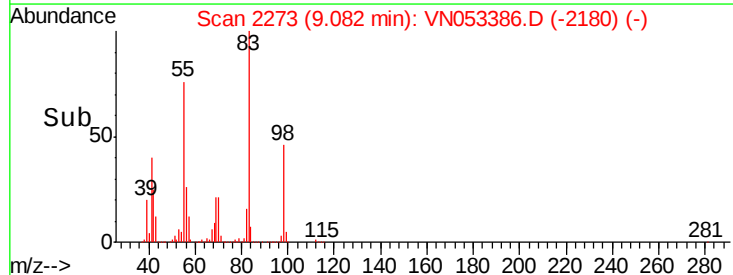
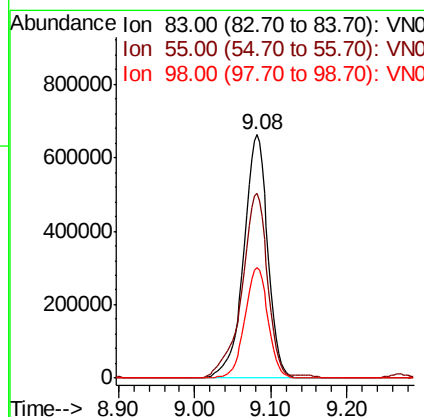
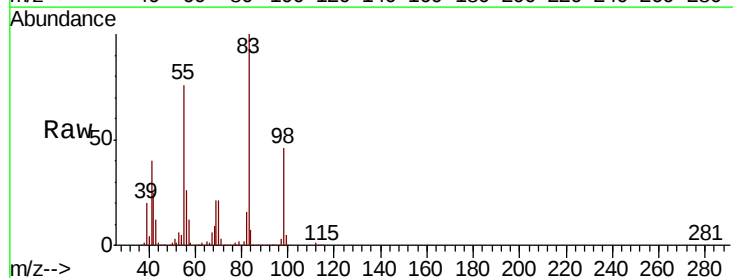
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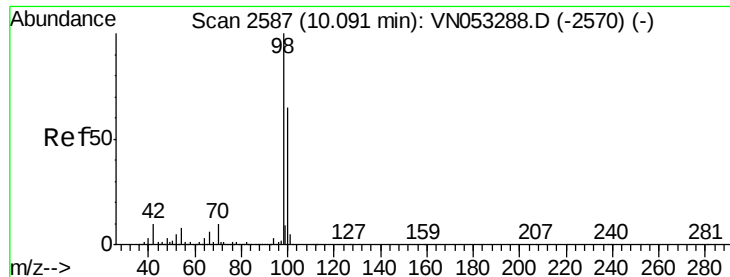
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#39
 Methylcyclohexane
 Concen: 92.077 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN053386.D
 Acq: 14 Jan 2019 12:51

Tgt Ion:	83	Resp:	1449959
Ion Ratio	Lower	Upper	
83	100		
55	76.0	60.1	90.1
98	45.6	36.7	55.1





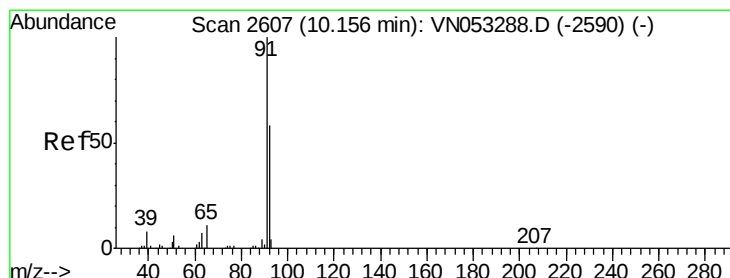
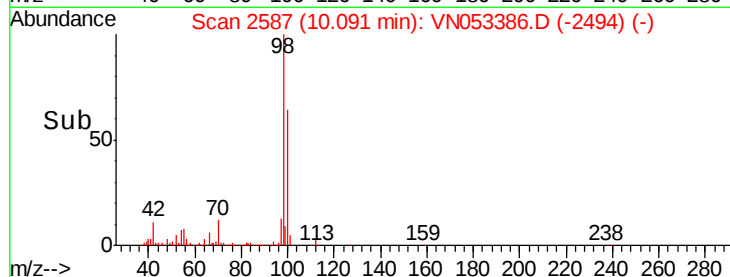
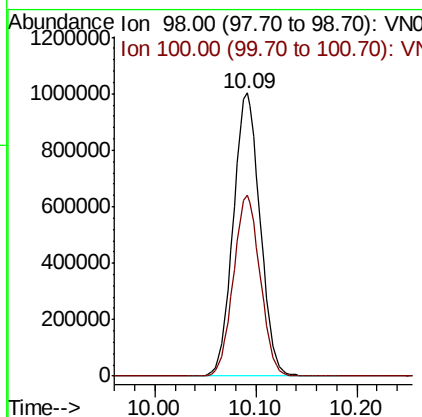
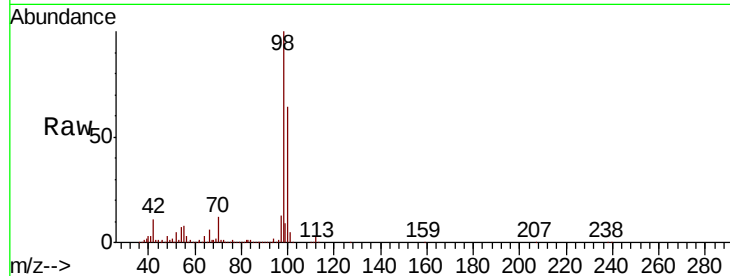
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
CPSB-18(15-20)ME

Tot Ion: 98 Resp: 1849013
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

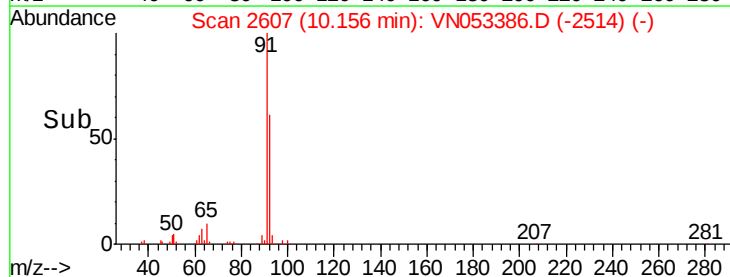
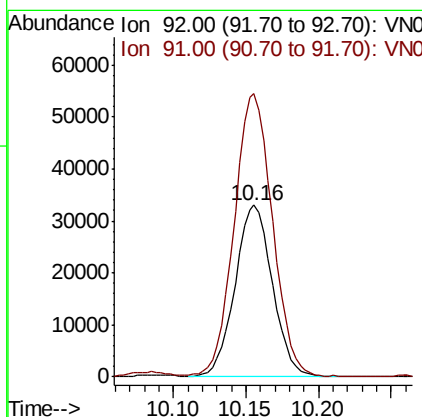
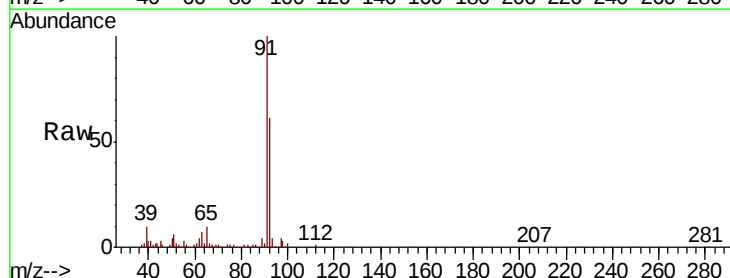
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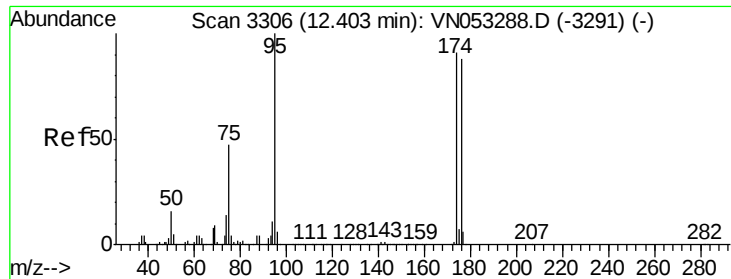
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#52
Toluene
Concen: 2.323 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Tgt Ion: 92 Resp: 59181
Ion Ratio Lower Upper
92 100
91 168.1 138.6 208.0





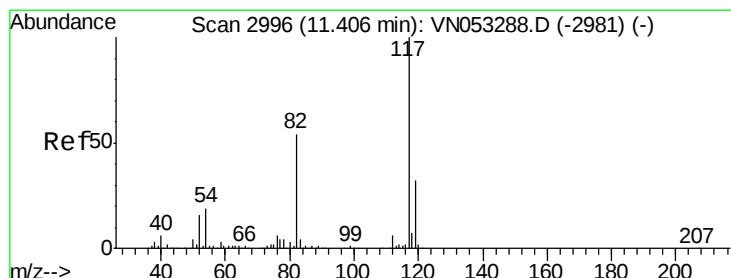
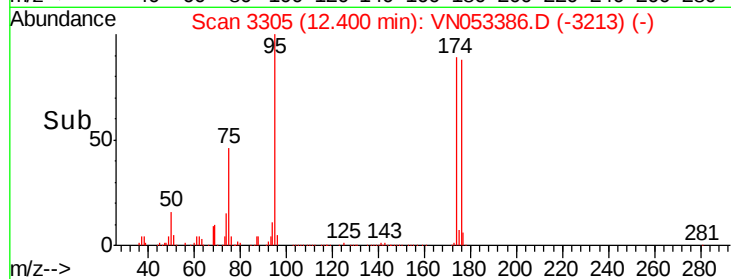
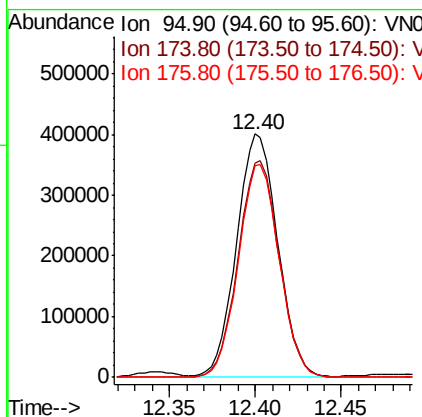
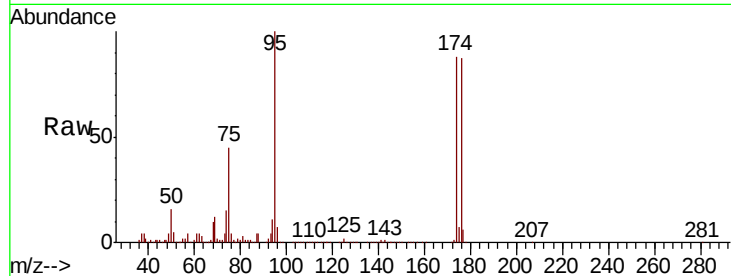
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
CPSB-18(15-20)ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	660708		
174	89.4	0.0	180.4	
176	87.4	0.0	175.6	

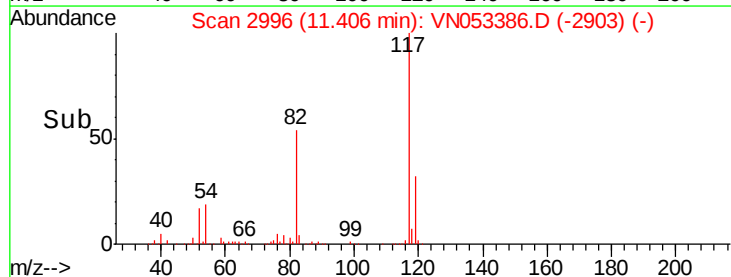
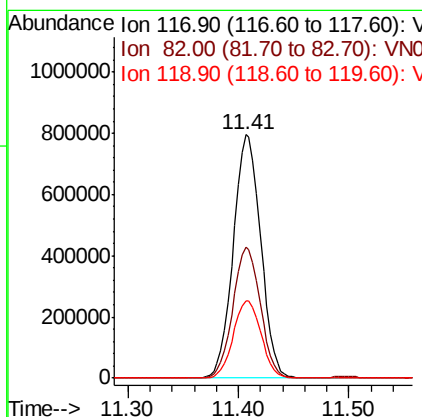
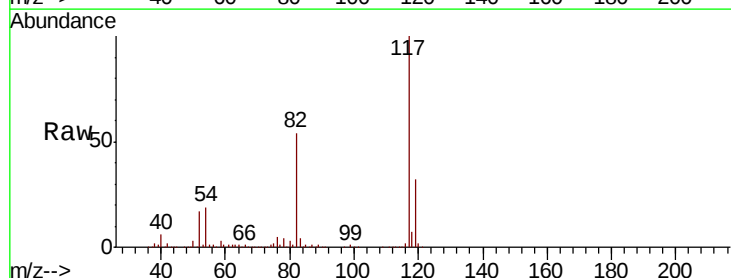
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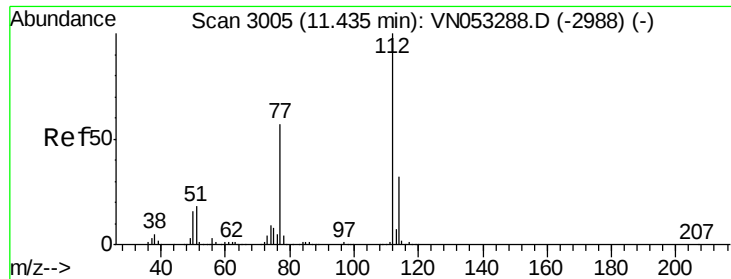
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1/15/2019 11:14:21 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1371312		
82	53.6	42.9	64.3	
119	31.8	25.6	38.4	





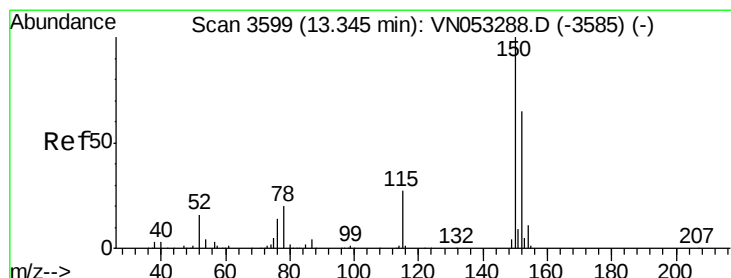
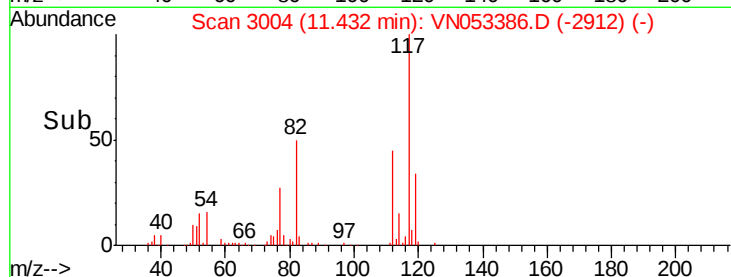
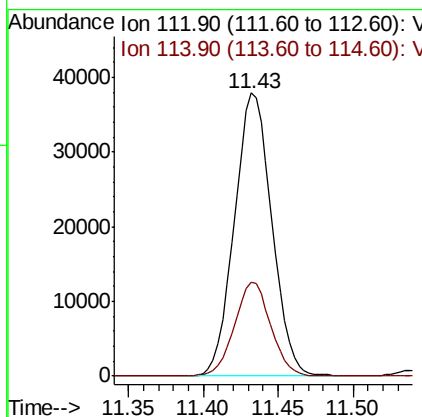
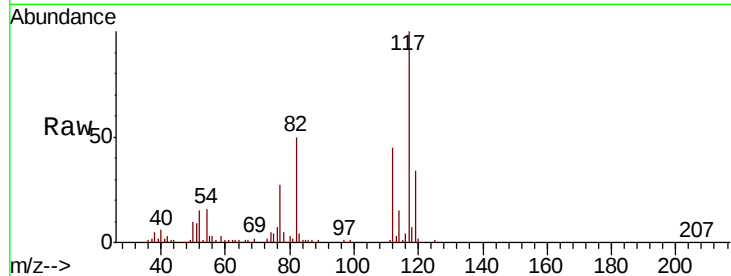
#65
Chlorobenzene
Concen: 2.216 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
CPSB-18(15-20)ME

Tot Ion:112 Resp: 66028
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

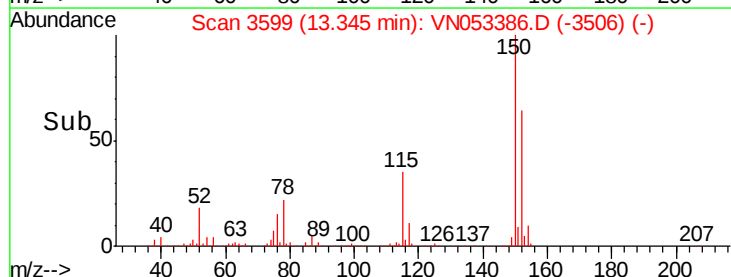
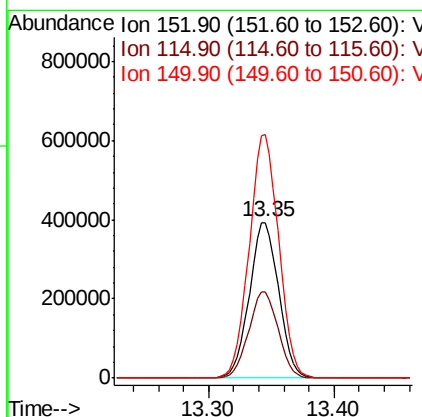
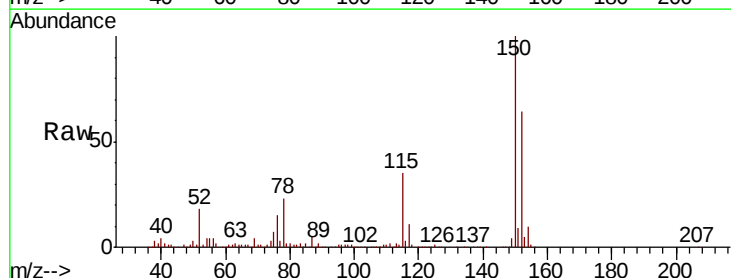
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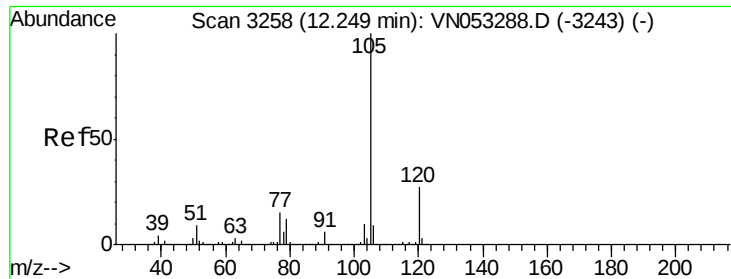
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Tgt Ion:152 Resp: 639927
Ion Ratio Lower Upper
152 100
115 55.5 28.0 84.0
150 156.8 0.0 346.6





#73

Isopropylbenzene

Concen: 0.986 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053386.D

Acq: 14 Jan 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

CPSB-18(15-20)ME

Tot Ion: 105 Resp: 46988

Ion Ratio Lower Upper

105 100

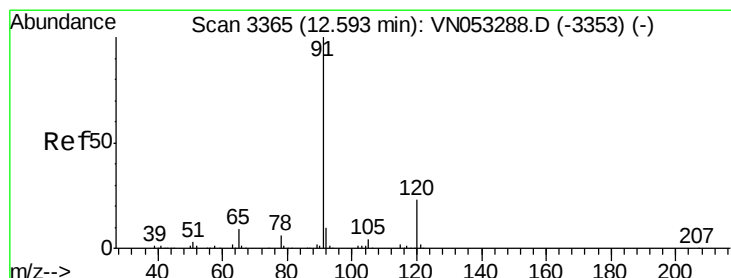
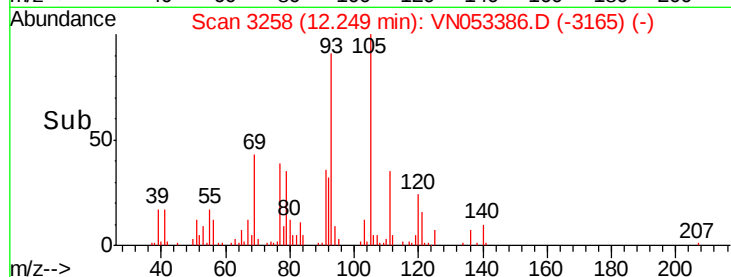
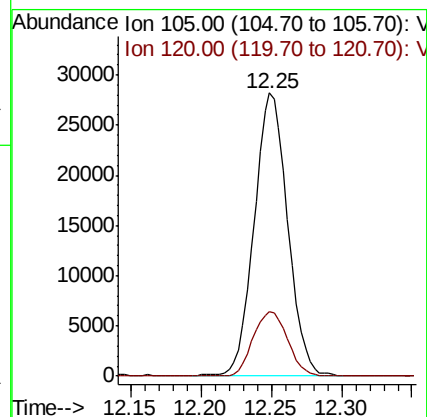
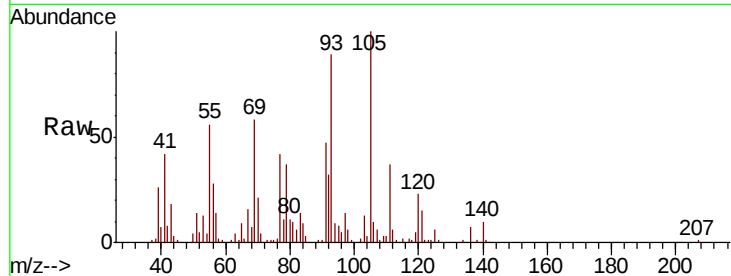
120 23.4 13.4 40.2

Manual Integrations

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#78

n-propylbenzene

Concen: 1.878 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053386.D

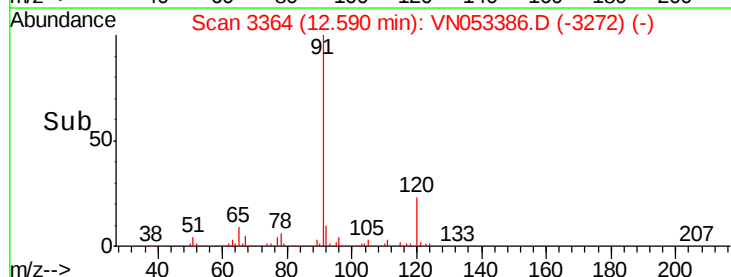
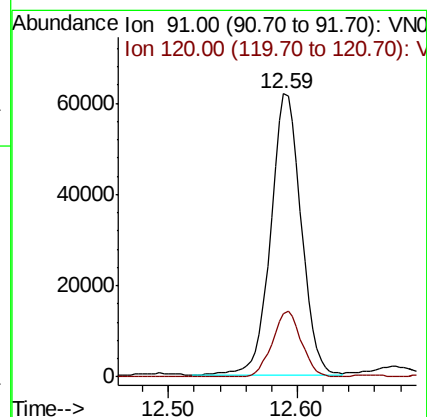
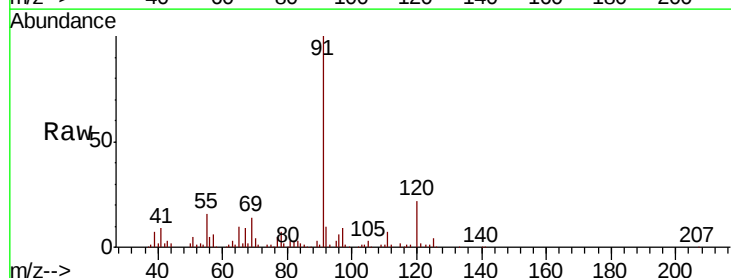
Acq: 14 Jan 2019 12:51

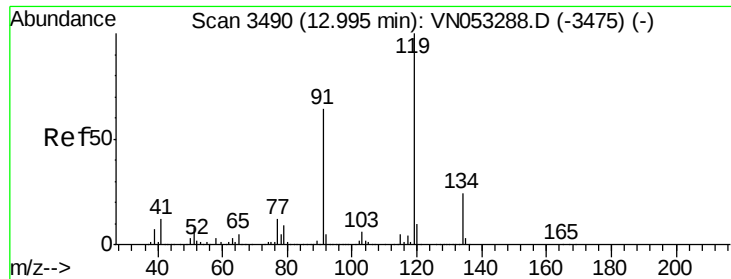
Tgt Ion: 91 Resp: 101213

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5





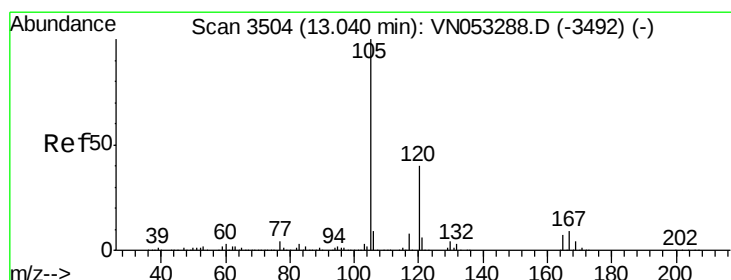
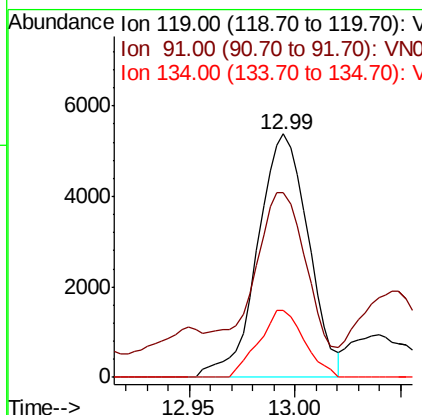
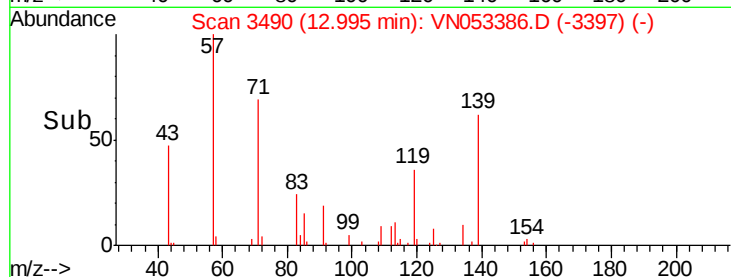
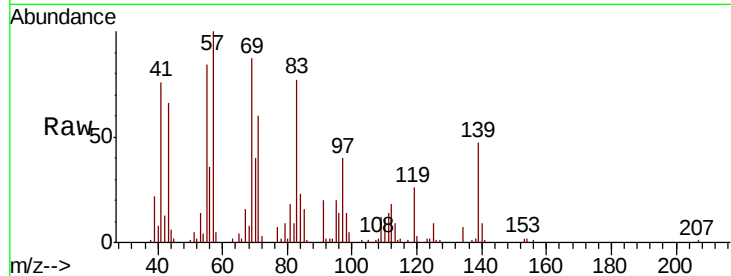
#83
tert-Butylbenzene
Concen: 0.267 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Instrument :
MSVOA_N
ClientSampleId :
CPSB-18(15-20)ME

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	31.6	95.0
134	24.7	12.9	38.6

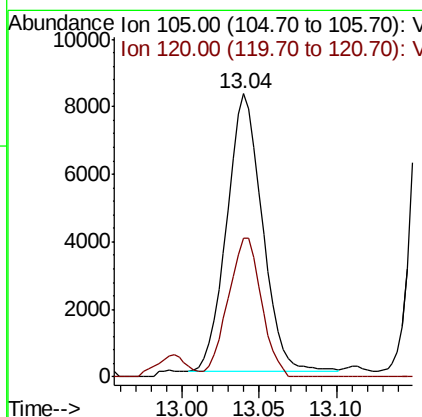
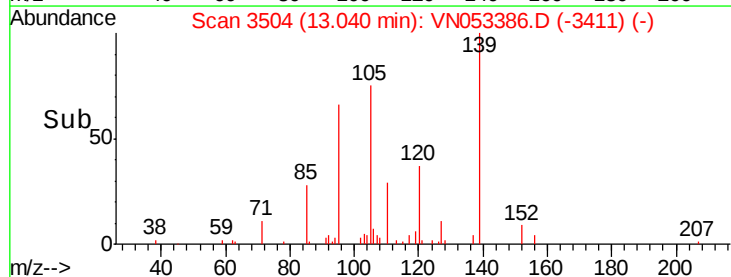
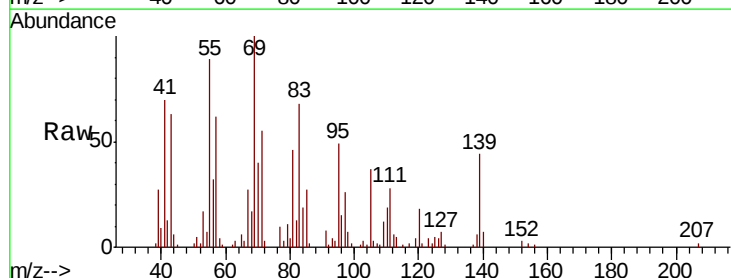
Manual Integrations
APPROVED

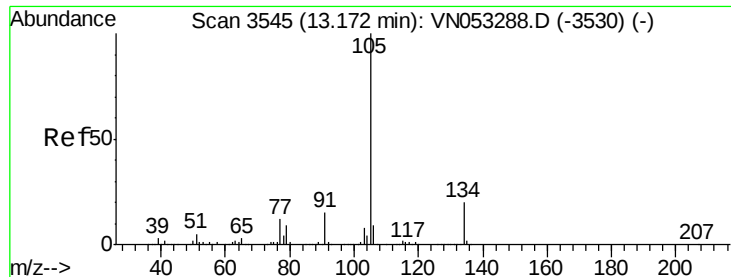
MMDadoda
1/15/2019 11:14:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.335 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053386.D
Acq: 14 Jan 2019 12:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 2.799 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053386.D

Acq: 14 Jan 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

CPSB-18(15-20)ME

Tot Ion:105 Resp: 124295

Ion Ratio Lower Upper

105 100

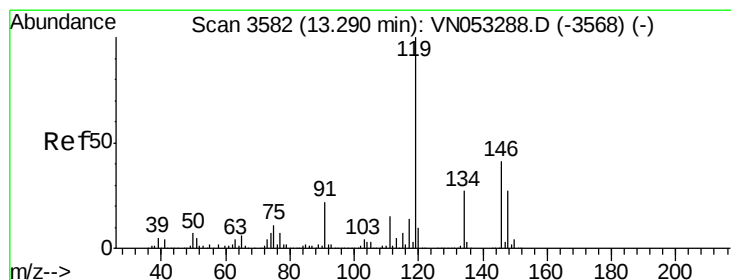
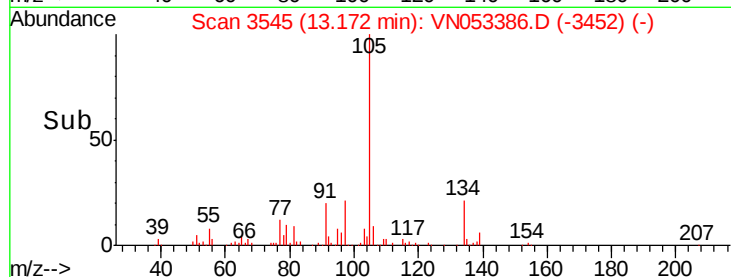
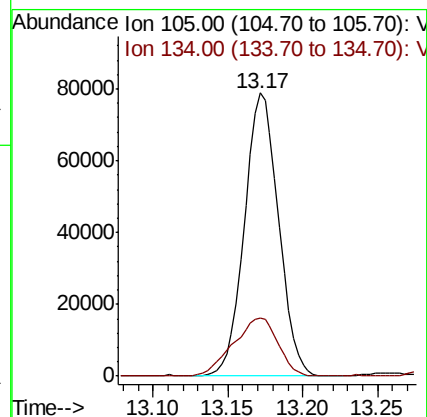
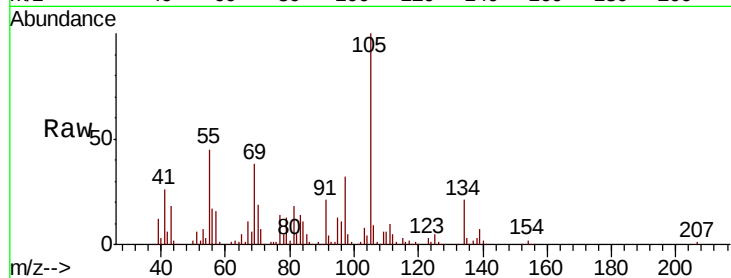
134 27.2 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.492 ug/l m

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053386.D

Acq: 14 Jan 2019 12:51

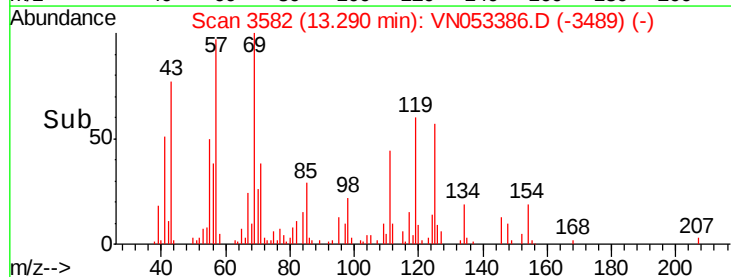
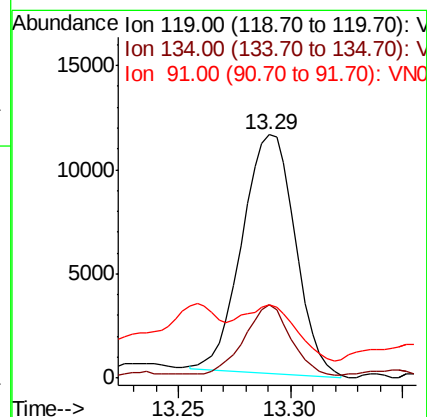
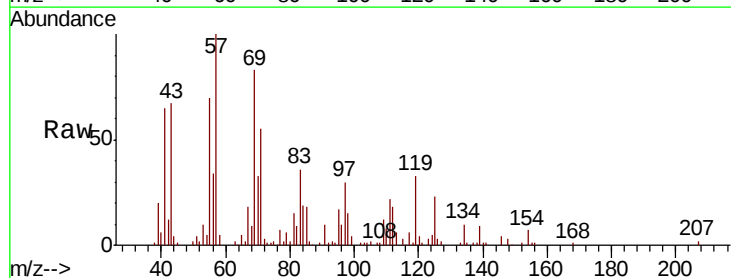
Tgt Ion:119 Resp: 18919

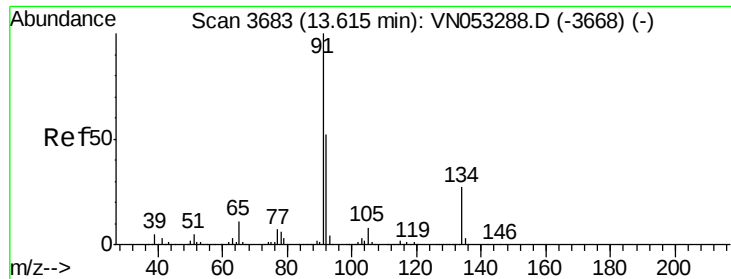
Ion Ratio Lower Upper

119 100

134 46.6 13.4 40.1#

91 36.6 11.1 33.1#





#89
 n-Butylbenzene
 Concen: 2.270 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053386.D
 Acq: 14 Jan 2019 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.3	78.8
134	44.1	13.5	40.5

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:14:21 AM

