

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054344.D
 Acq On : 16 Mar 2019 18:35
 Operator : JC/SP
 Sample : K1960-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-5-9.0-031419

Manual Integrations
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MMDadoda
 3/18/2019 11:31:15 AM

Quant Time: Mar 18 07:10:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1880715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2675764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2233022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	968659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	893855	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.59	113	789798	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
50) Toluene-d8	10.09	98	3073141	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	967366	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	52321	9.149	ug/l	96
31) Cyclohexane	7.65	56	775131	25.199	ug/l	99
39) Methylcyclohexane	9.08	83	884685	29.180	ug/l	99
40) Benzene	8.04	78	82001	1.163	ug/l	99
52) Toluene	10.16	92	37939	0.849	ug/l	99
67) Ethyl Benzene	11.51	91	143891	1.770	ug/l	99
68) m/p-Xylenes	11.62	106	16527	0.520	ug/l	95
69) o-Xylene	11.95	106	15992	0.516	ug/l	98
73) Isopropylbenzene	12.25	105	4219879	54.451	ug/l	100
78) n-propylbenzene	12.59	91	14505587	172.498	ug/l	100
83) tert-Butylbenzene	12.99	119	54853	0.924	ug/l	96
85) sec-Butylbenzene	13.17	105	776086	10.086	ug/l #	72
86) p-Isopropyltoluene	13.29	119	37952m	0.562	ug/l	
89) n-Butylbenzene	13.61	91	910335	17.748	ug/l #	76

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

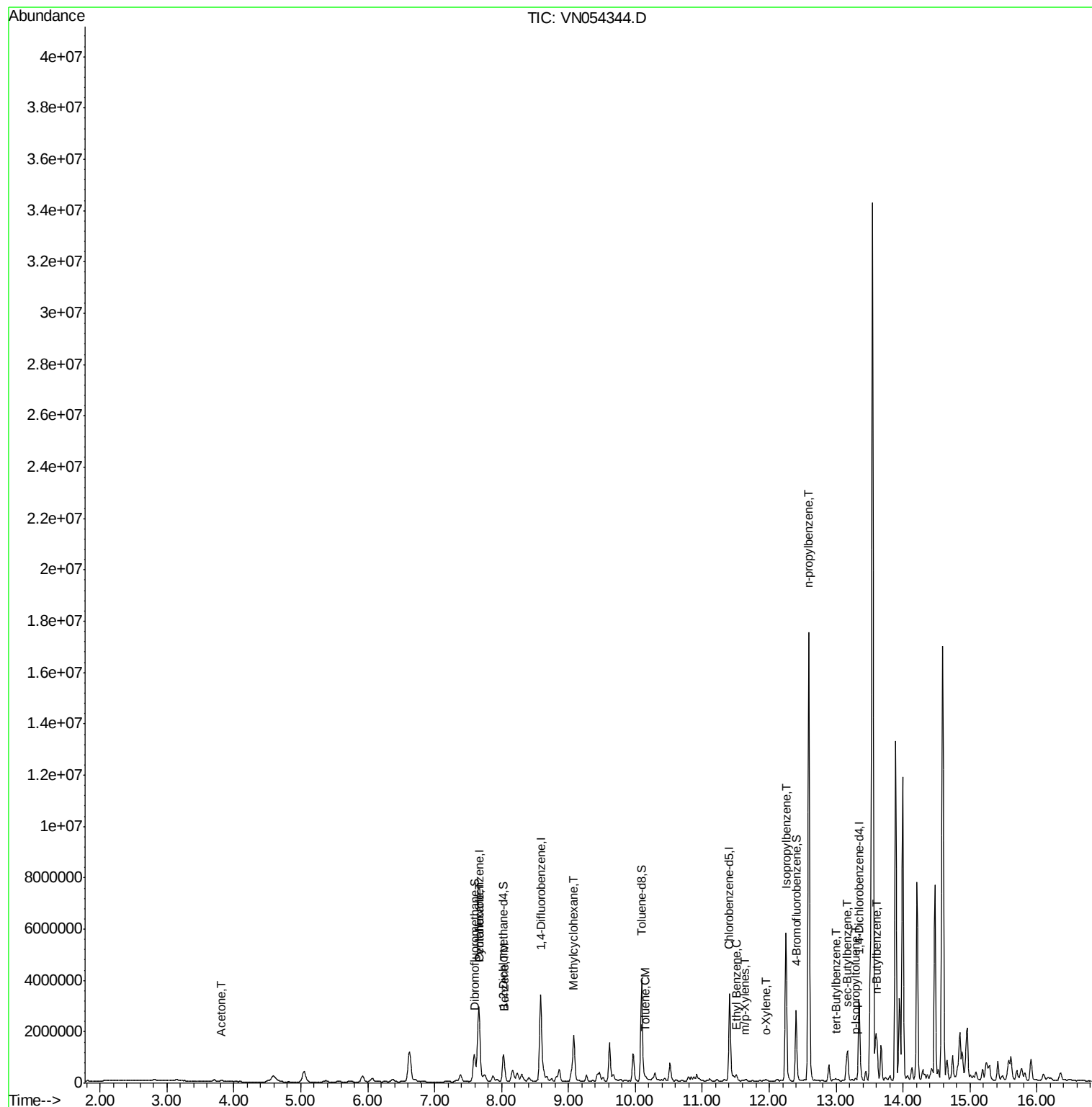
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054344.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

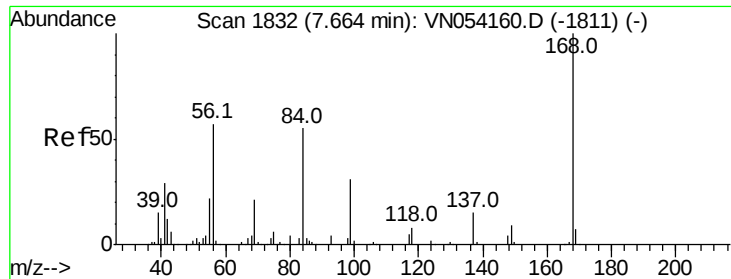
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

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Quant Time: Mar 18 07:10:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054344.D

Acq: 16 Mar 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-5-9.0-031419

Tot Ion:168 Resp: 1880715

Ion Ratio Lower Upper

168 100

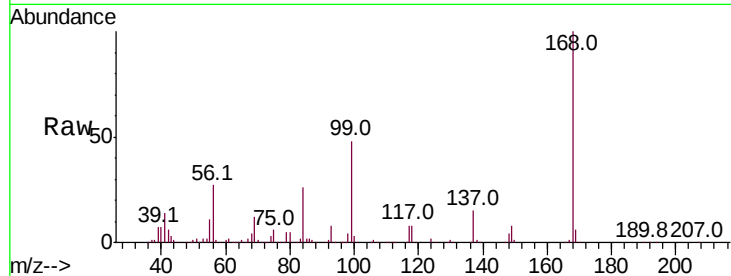
99 48.0 37.1 55.7

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

800000

600000

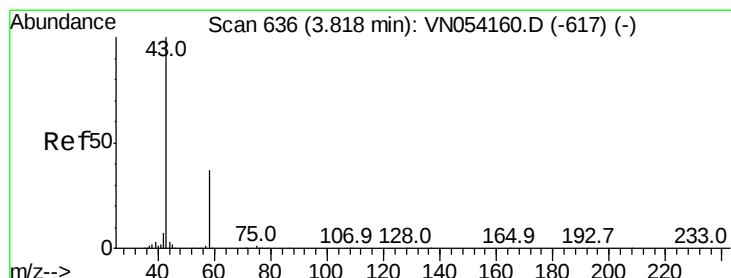
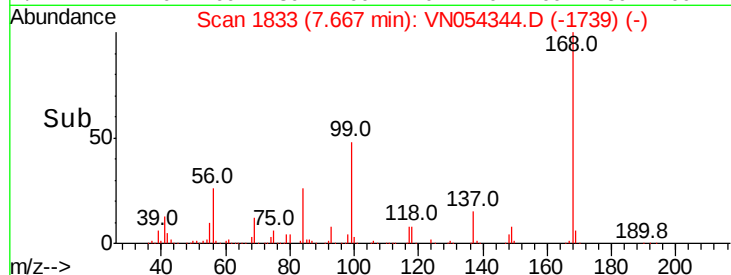
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 9.149 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054344.D

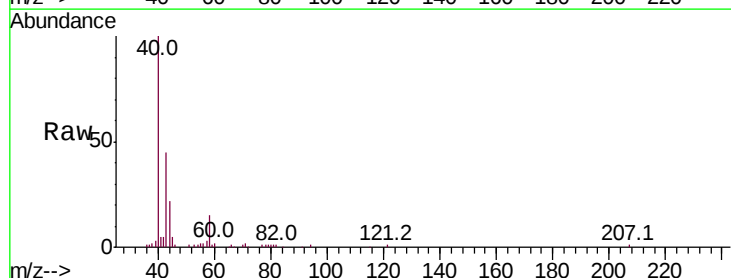
Acq: 16 Mar 2019 18:35

Tgt Ion: 43 Resp: 52321

Ion Ratio Lower Upper

43 100

58 35.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

40000

30000

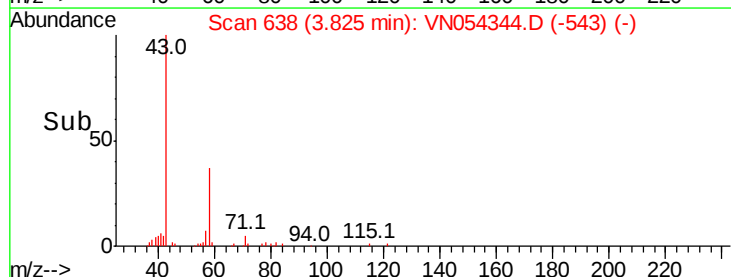
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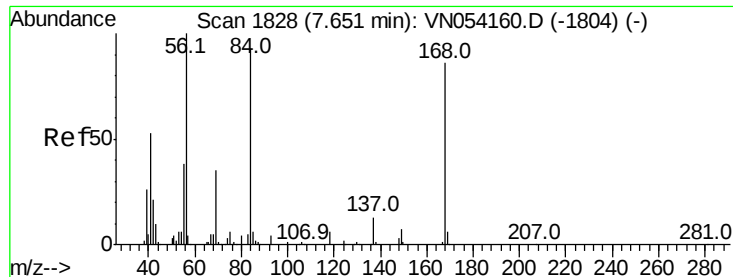
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0

3.70 3.80 3.90

Time-->





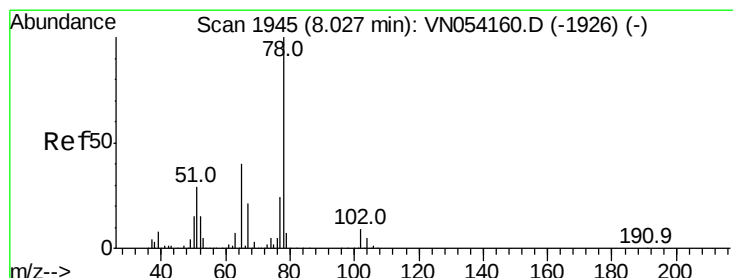
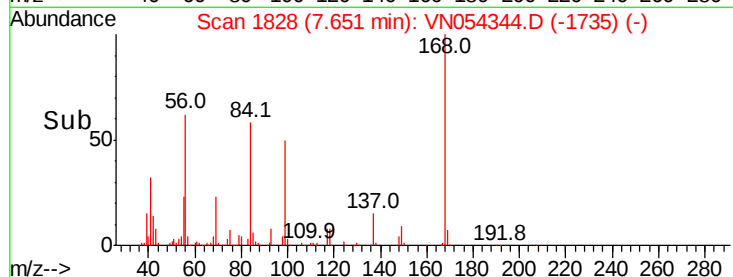
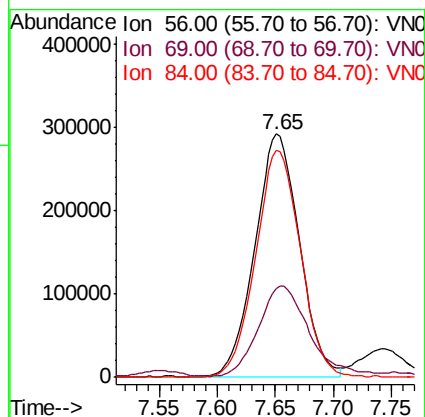
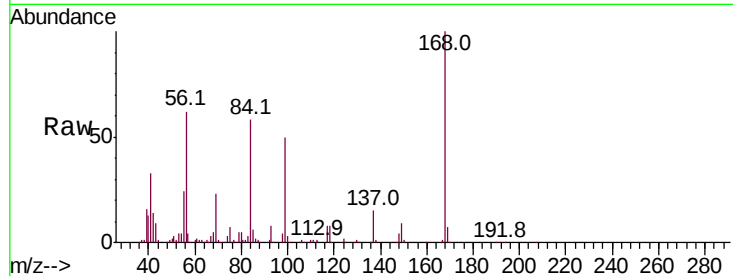
#31
Cyclohexane
Concen: 25.199 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.8	41.6
84	93.5	74.6	111.8

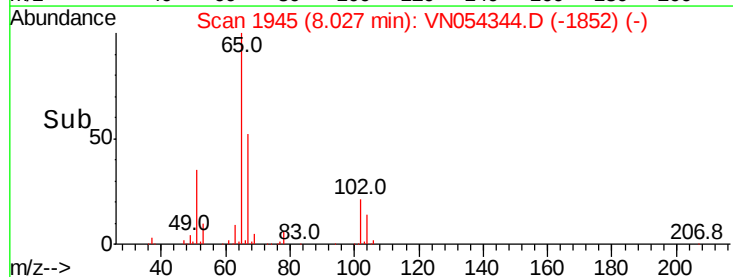
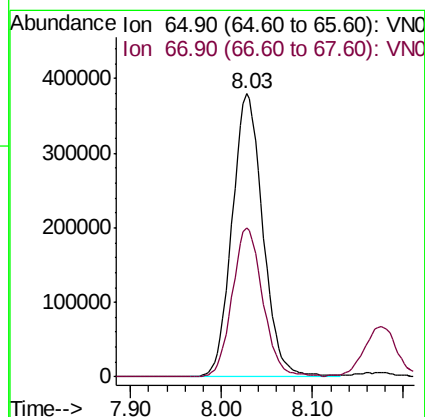
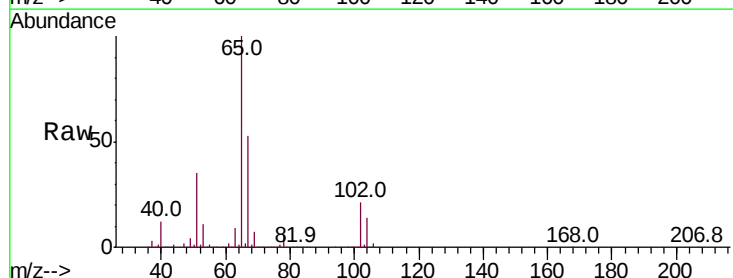
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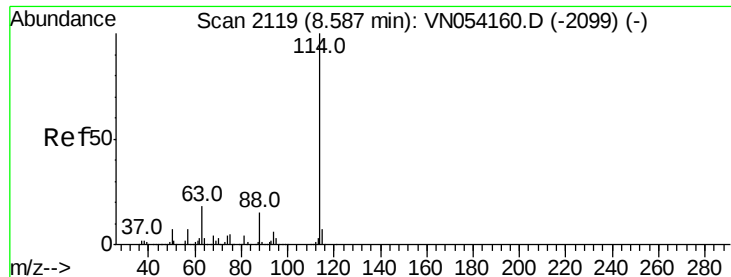
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#33
1,2-Dichloroethane-d4
Concen: 44.753 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6





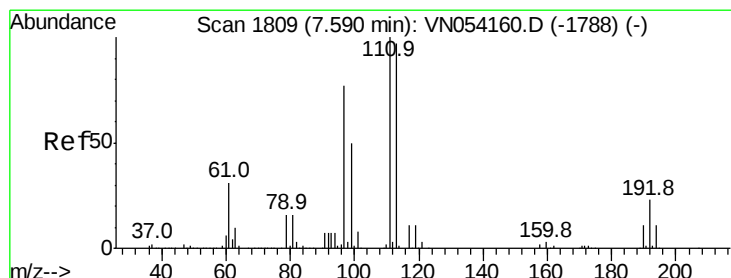
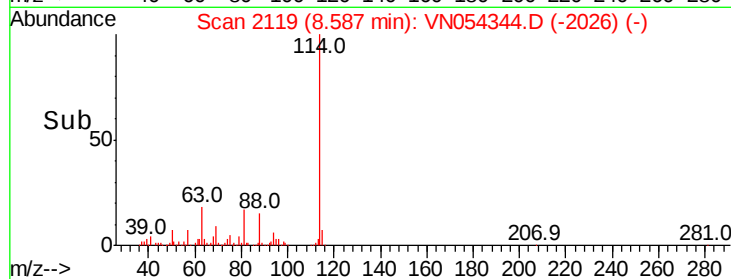
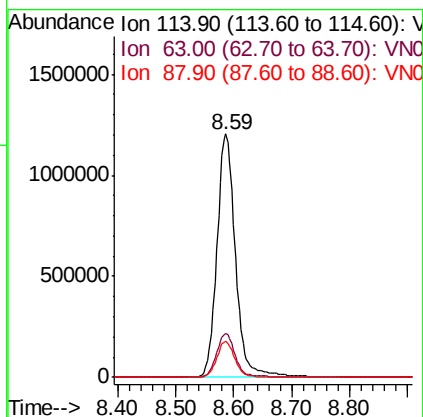
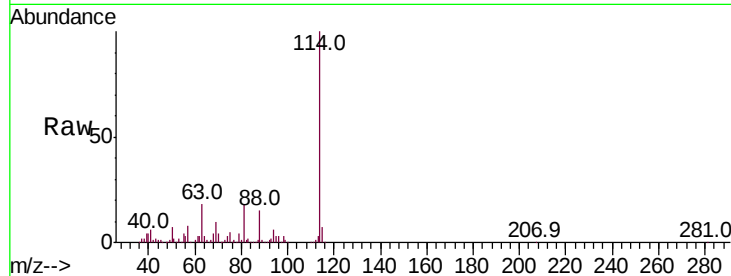
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054344.D
 Acq: 16 Mar 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-5-9.0-031419

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.7	0.0	30.2

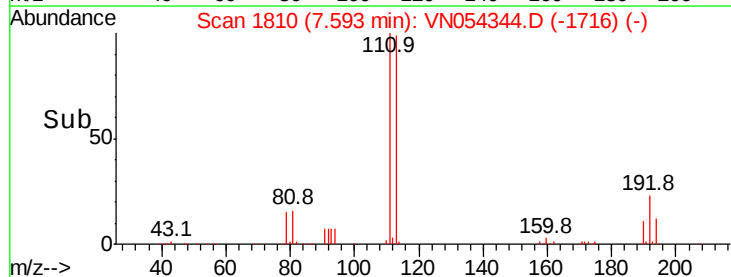
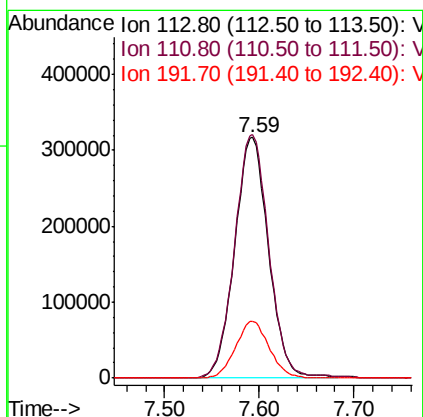
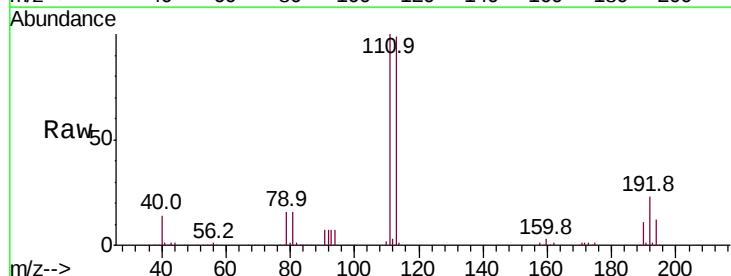
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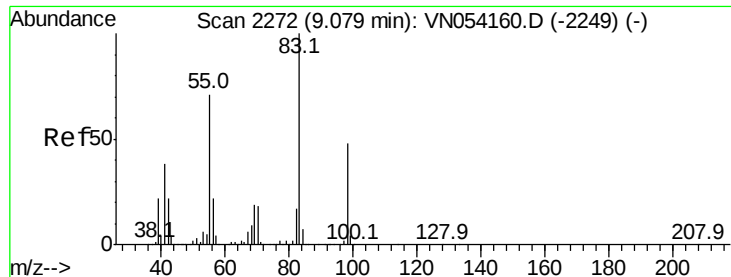
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#35
 Dibromofluoromethane
 Concen: 45.765 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054344.D
 Acq: 16 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	23.7	19.2	28.8





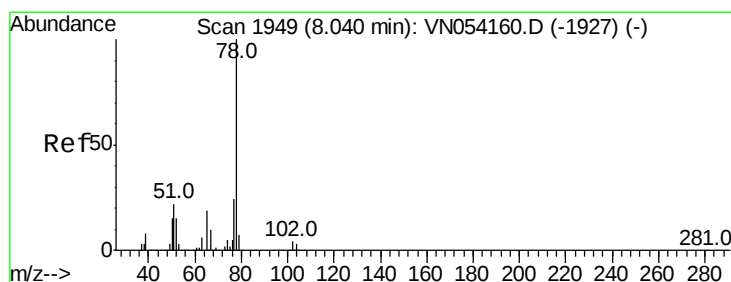
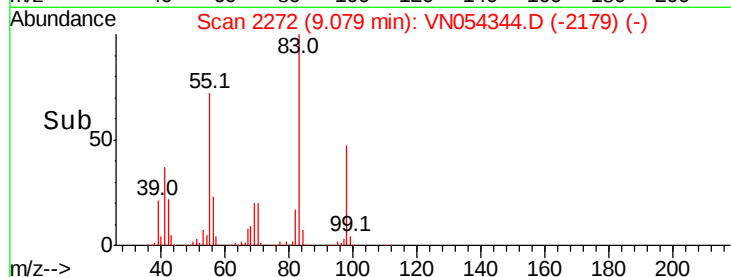
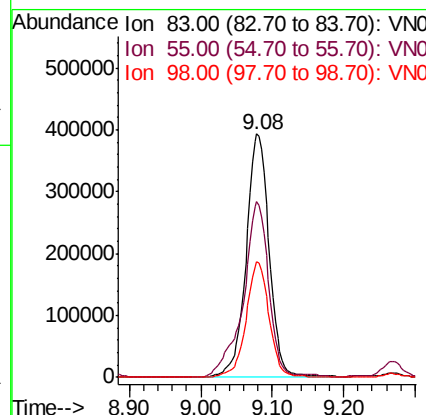
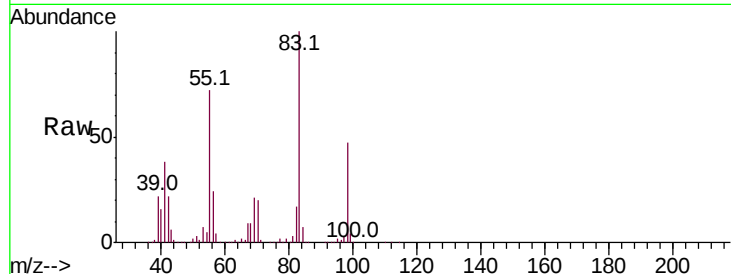
#39
Methvlcvclohexane
Concen: 29.180 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	56.6	84.8
98	47.5	38.4	57.6

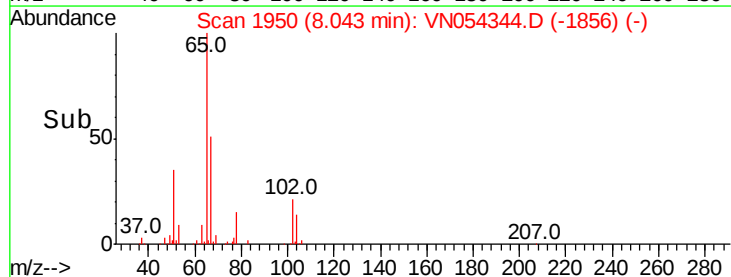
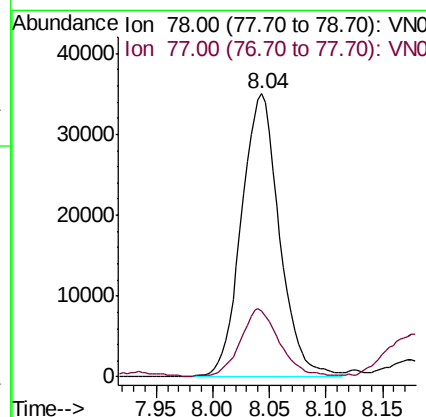
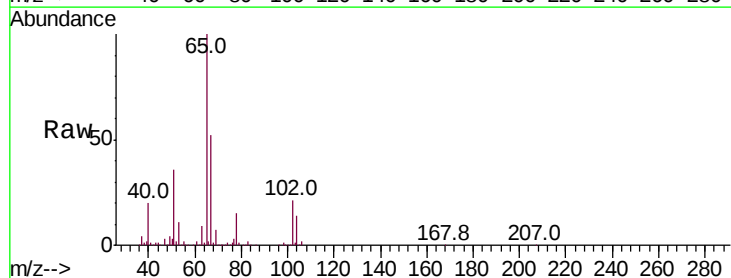
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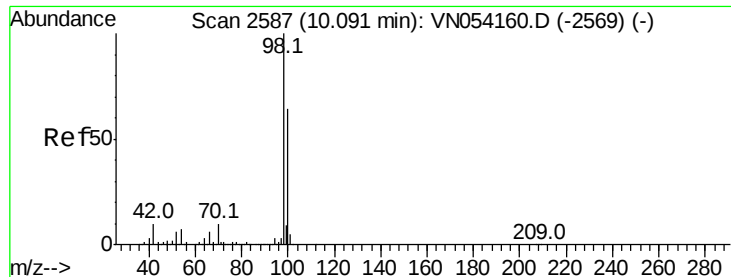
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#40
Benzene
Concen: 1.163 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





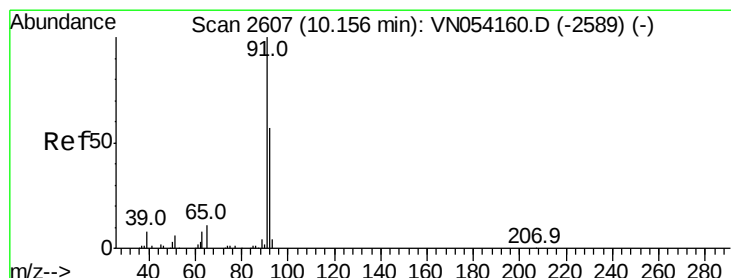
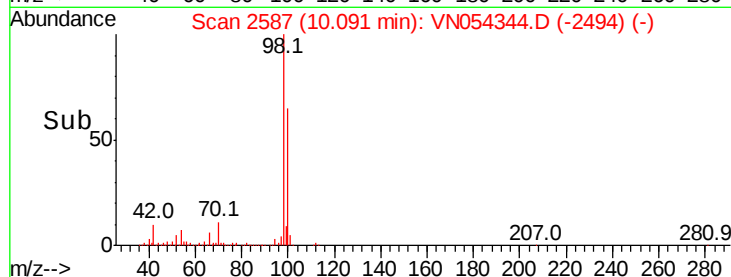
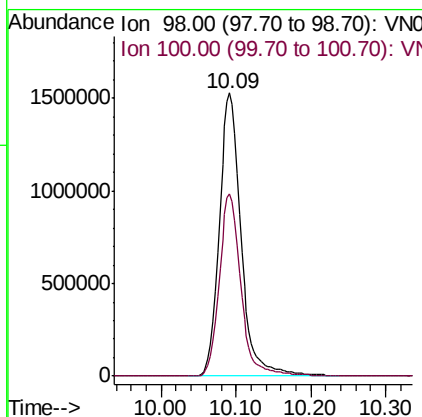
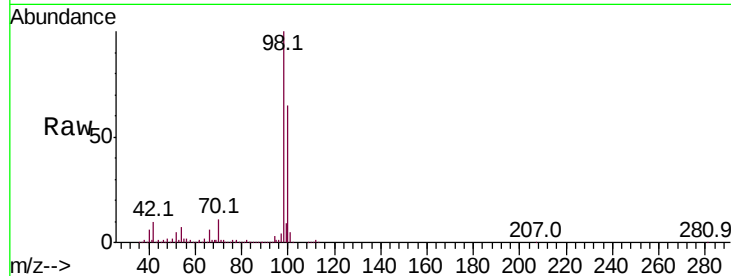
#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion: 98 Resp: 3073141
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

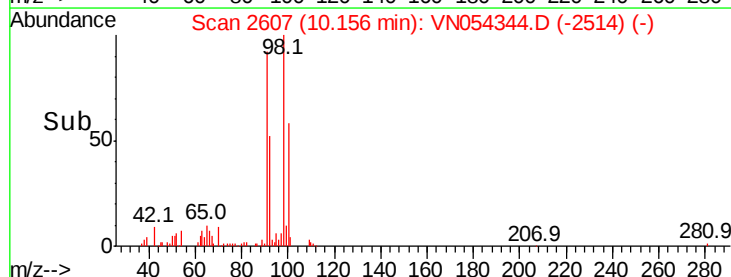
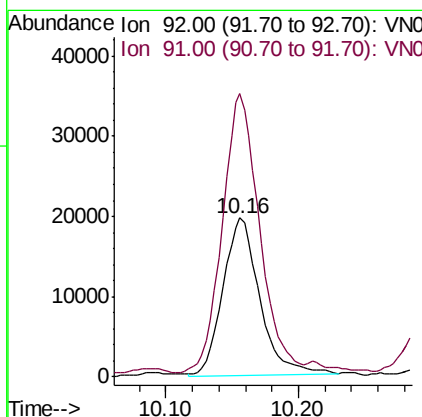
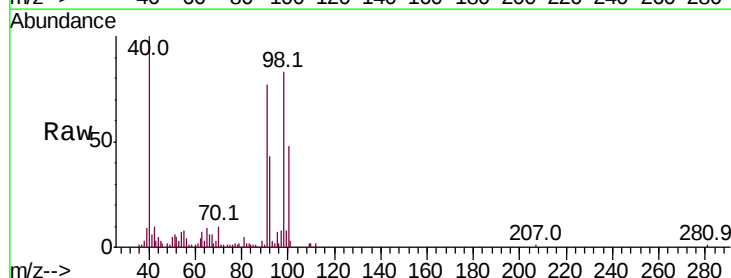
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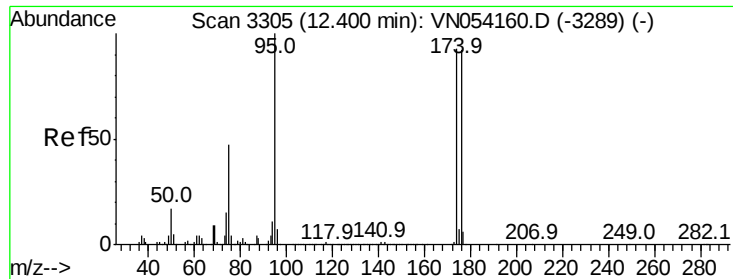
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#52
Toluene
Concen: 0.849 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion: 92 Resp: 37939
Ion Ratio Lower Upper
92 100
91 177.1 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 43.378 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054344.D

Acq: 16 Mar 2019 18:35

Instrument :

MSVOA_N

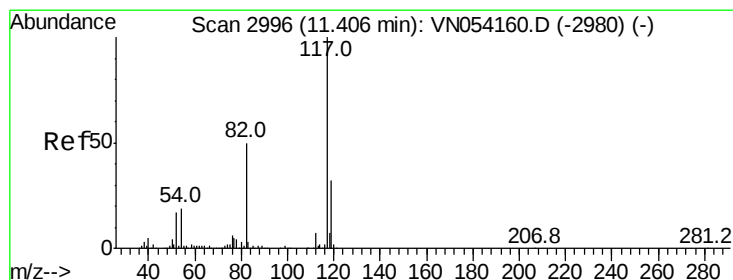
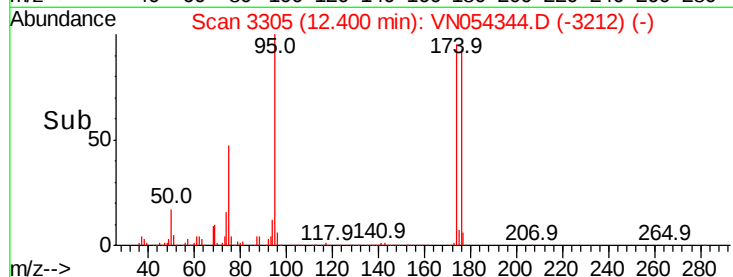
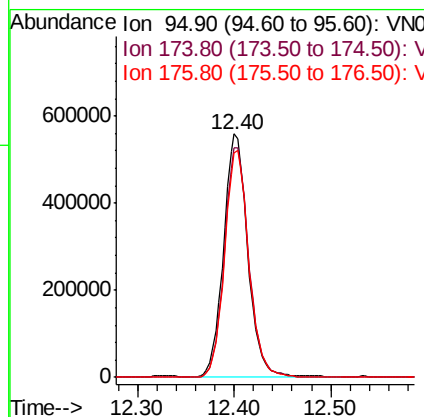
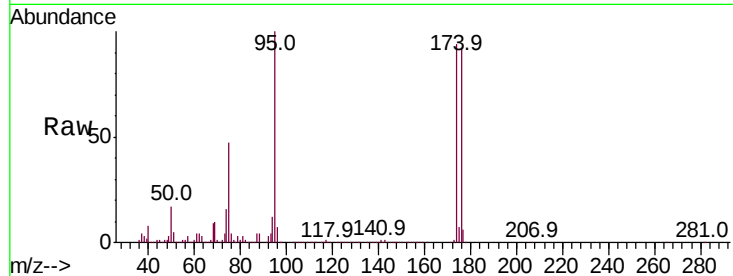
ClientSampleId :

T11-MW-5-9.0-031419

Tot Ion:	95	Resp:	967366
Ion Ratio	Lower	Upper	
95	100		
174	95.9	0.0	191.0
176	93.3	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

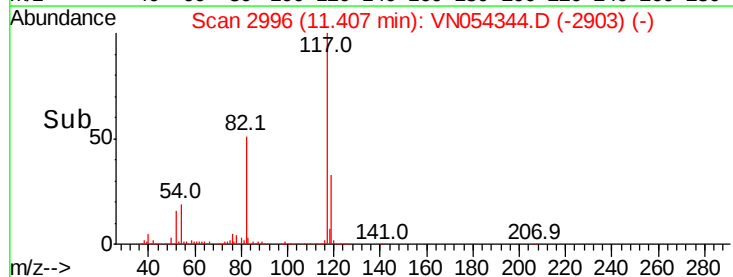
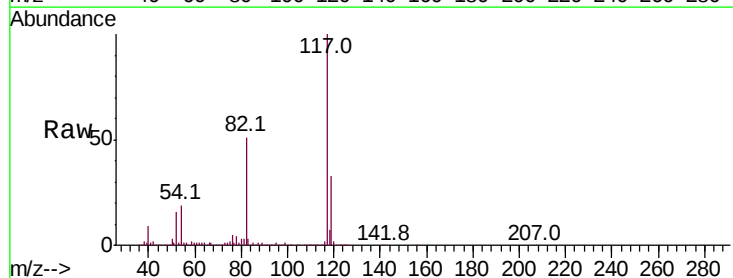
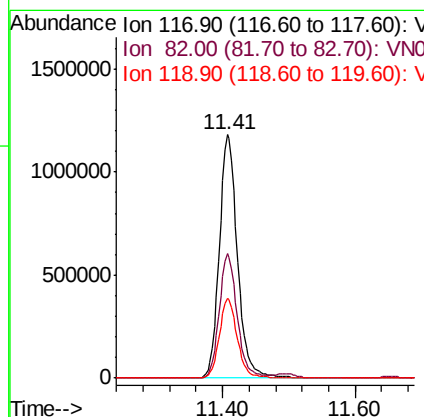
RT: 11.41 min Scan# 2996

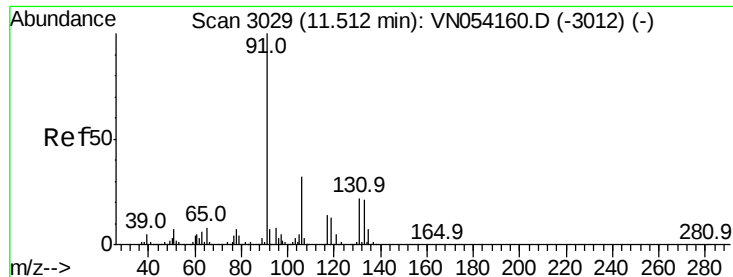
Delta R.T. 0.00 min

Lab File: VN054344.D

Acq: 16 Mar 2019 18:35

Tgt Ion:	117	Resp:	2233022
Ion Ratio	Lower	Upper	
117	100		
82	50.9	40.0	60.0
119	32.6	25.8	38.6





#67

Ethyl Benzene

Concen: 1.770 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054344.D

Acq: 16 Mar 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-5-9.0-031419

Tot Ion: 91 Resp: 143891

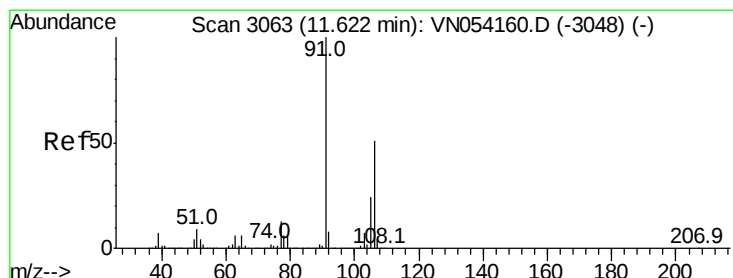
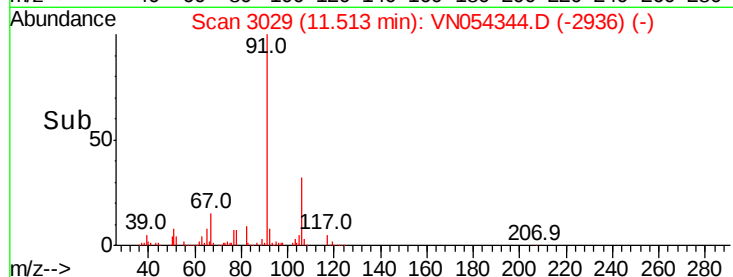
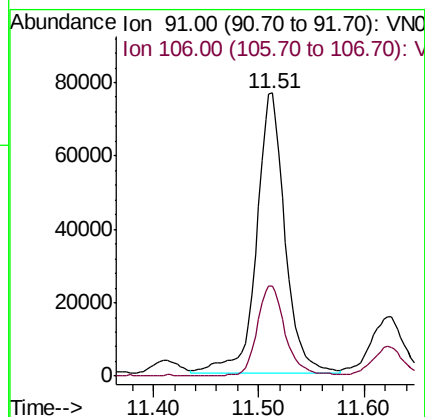
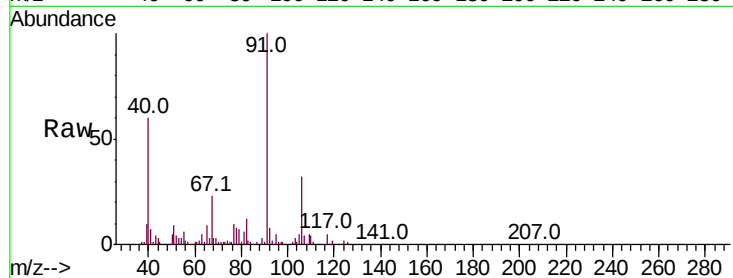
Ion Ratio Lower Upper

91 100

106 32.3 25.5 38.3

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#68

m/p-Xylenes

Concen: 0.520 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054344.D

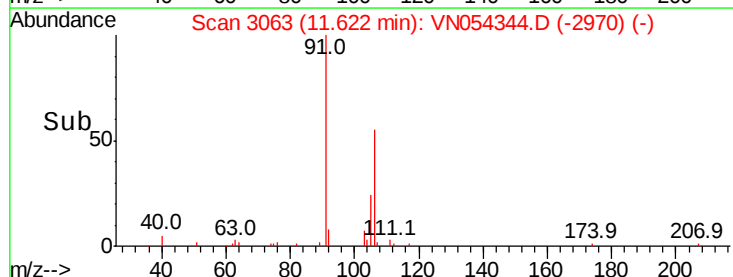
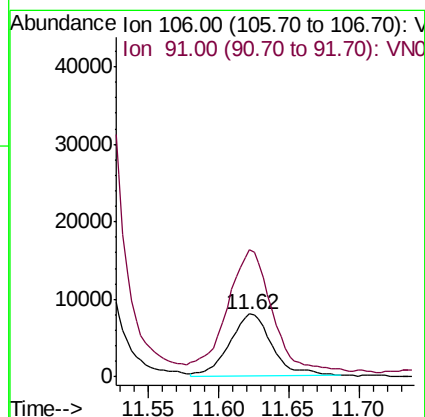
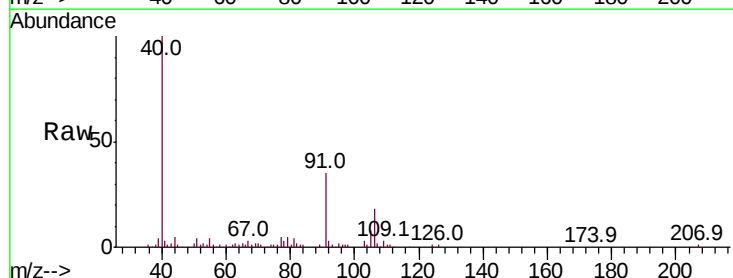
Acq: 16 Mar 2019 18:35

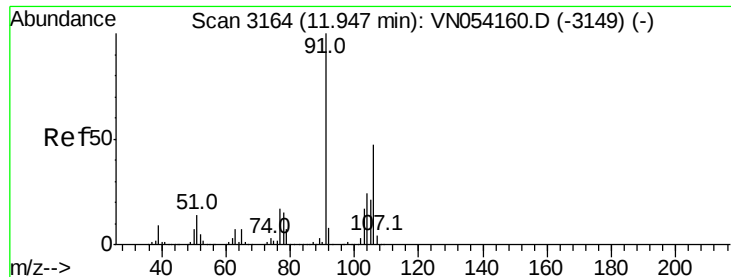
Tgt Ion: 106 Resp: 16527

Ion Ratio Lower Upper

106 100

91 207.1 159.4 239.2





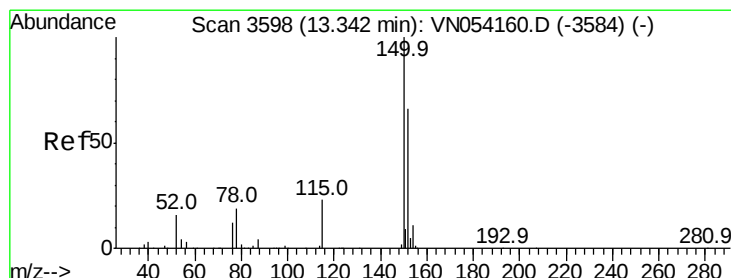
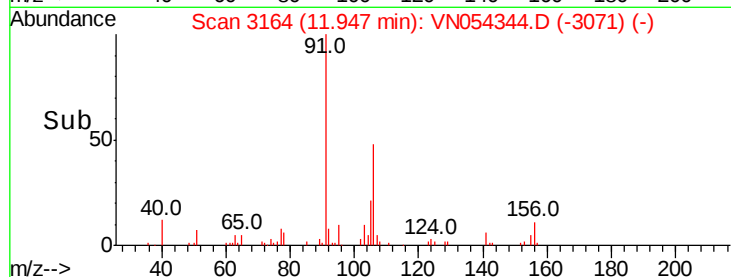
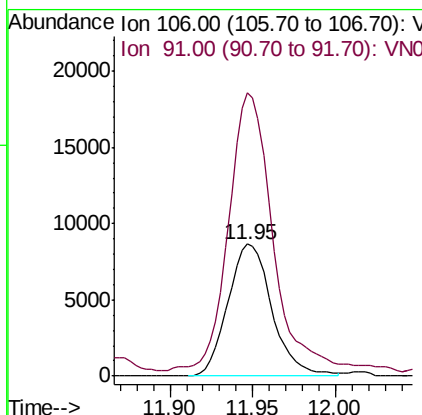
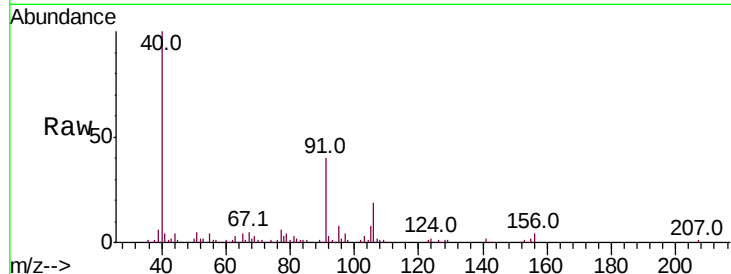
#69
o-Xylene
Concen: 0.516 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion:106 Resp: 15992
Ion Ratio Lower Upper
106 100
91 214.6 105.7 317.1

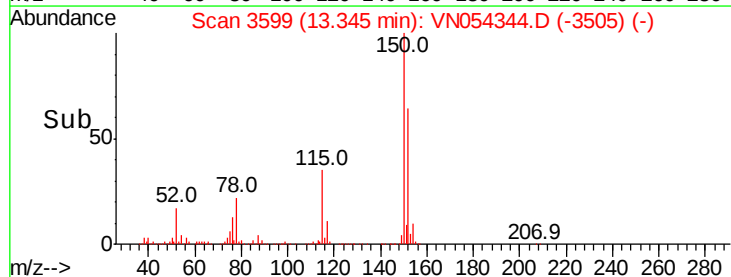
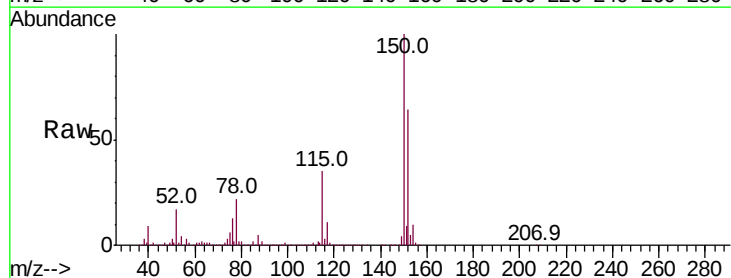
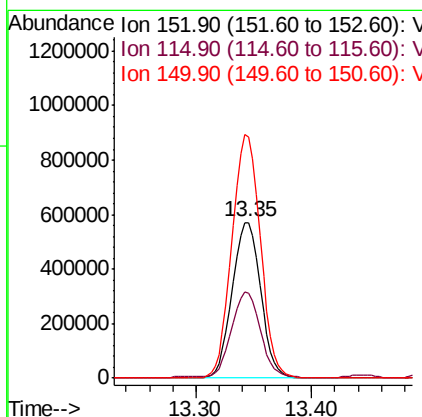
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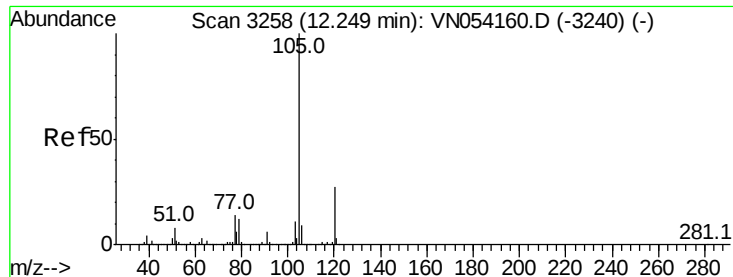
MMDadoda
3/18/2019 11:31:15 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion:152 Resp: 968659
Ion Ratio Lower Upper
152 100
115 56.2 27.2 81.6
150 156.1 0.0 349.2





#73

Isopropylbenzene

Concen: 54.451 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054344.D

Acq: 16 Mar 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-5-9.0-031419

Tot Ion:105 Resp: 4219879

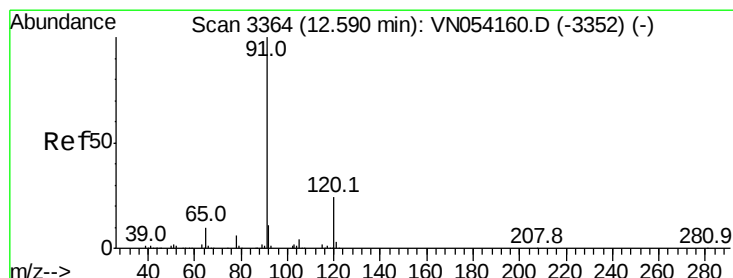
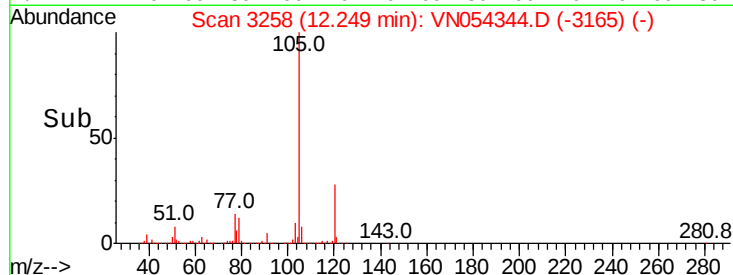
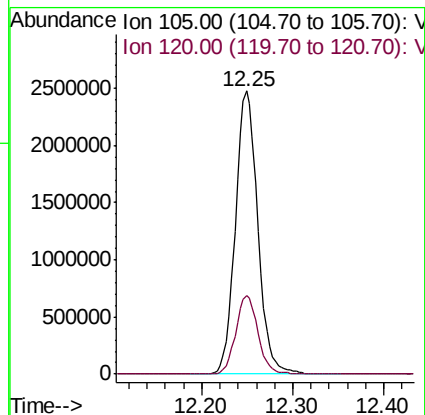
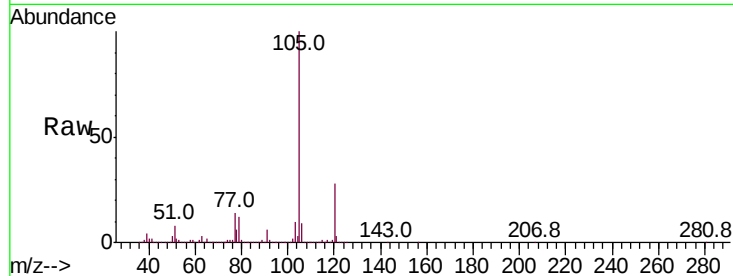
Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3

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#78

n-propylbenzene

Concen: 172.498 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054344.D

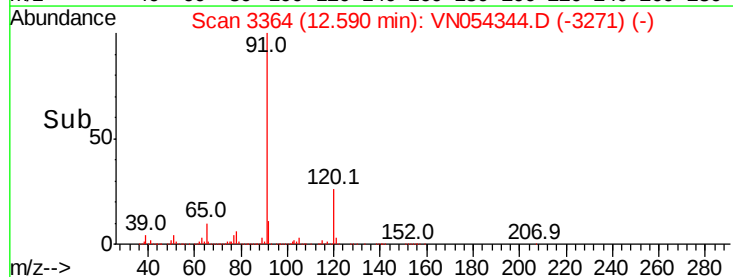
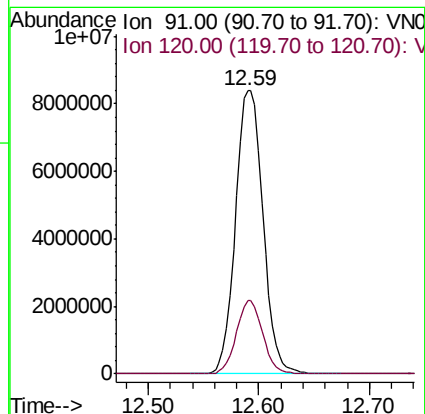
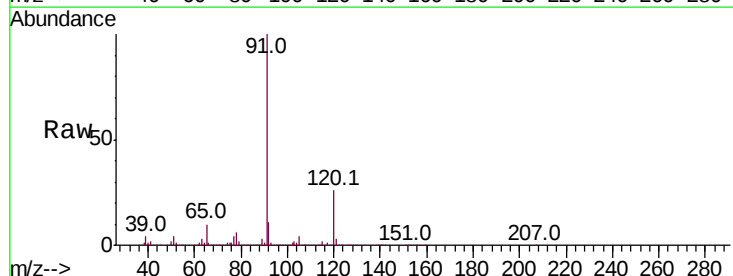
Acq: 16 Mar 2019 18:35

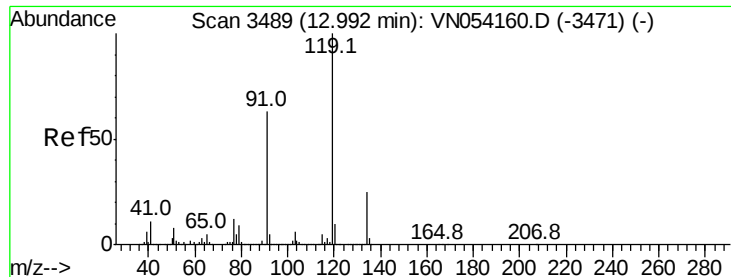
Tgt Ion: 91 Resp:14505587

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.9





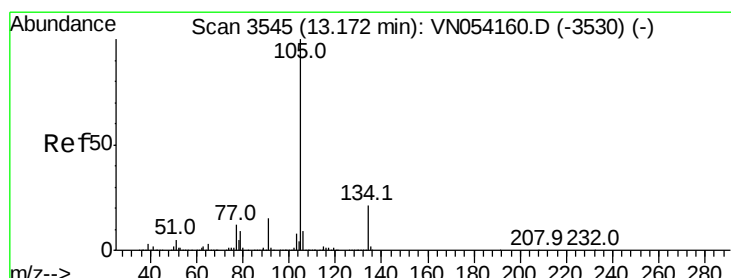
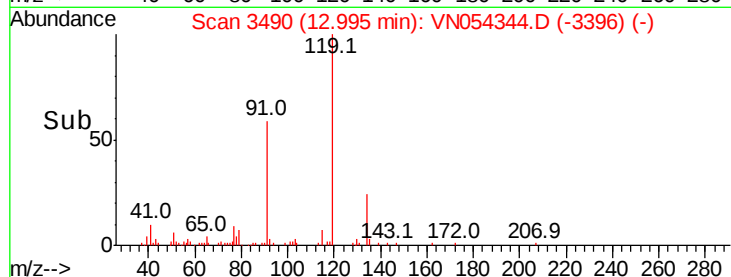
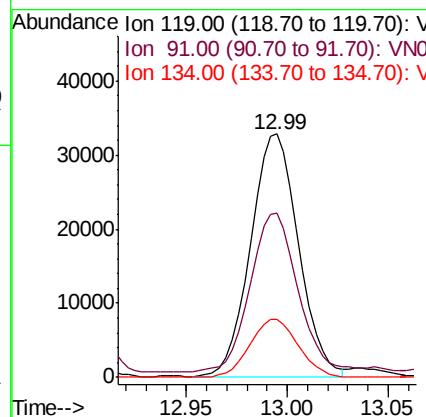
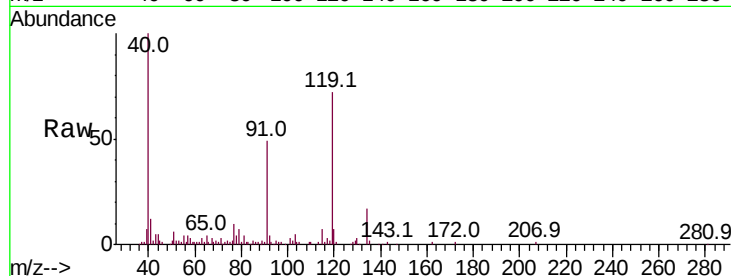
#83
tert-Butylbenzene
Concen: 0.924 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	30.9	92.8
134	24.0	13.2	39.6

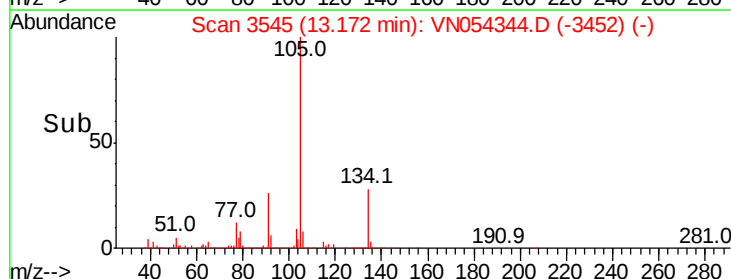
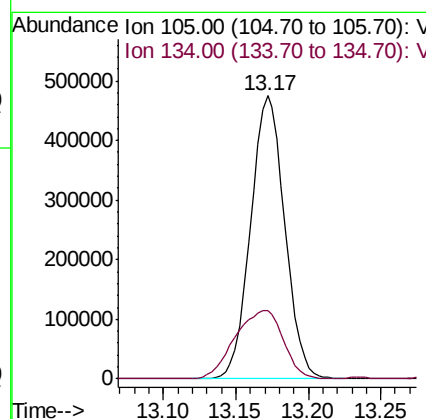
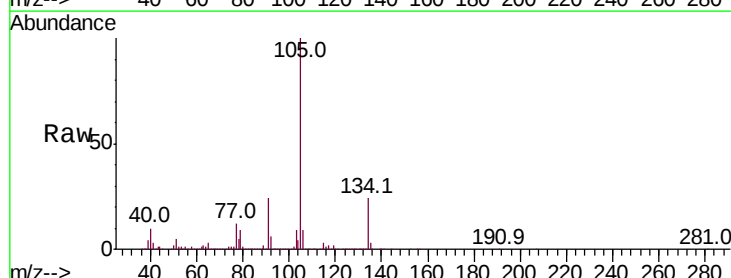
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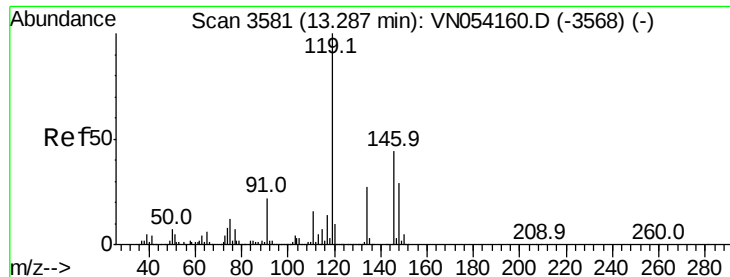
MMDadoda
3/18/2019 11:31:15 AM



#85
sec-Butylbenzene
Concen: 10.086 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
105	100		
134	34.5	10.7	32.1#





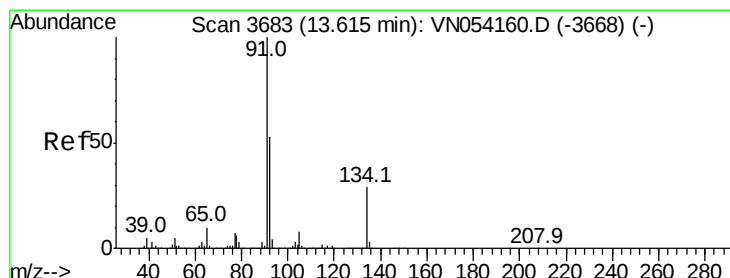
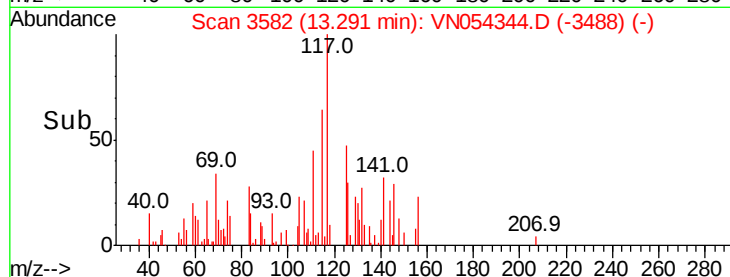
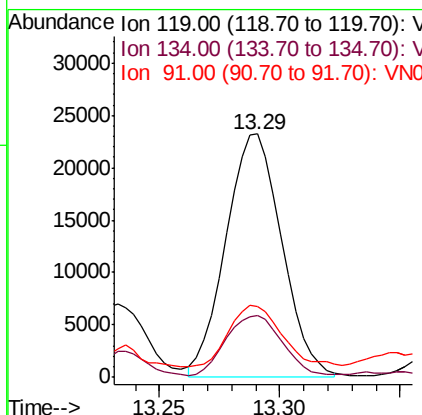
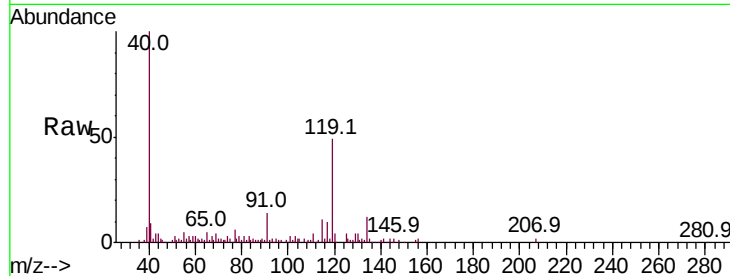
#86
p-Isopropyltoluene
Concen: 0.562 ug/l m
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-5-9.0-031419

Tot Ion	Ratio	Resp	Lower	Upper
119	100	37952		
134	184.3	13.6	40.8#	
91	0.0	11.1	33.3#	

Manual Integrations
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3/18/2019 11:31:15 AM



#89
n-Butylbenzene
Concen: 17.748 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054344.D
Acq: 16 Mar 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	910335		
92	45.3	26.2	78.6	
134	55.4	14.3	42.9#	

