

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053540.D
 Acq On : 28 Jan 2019 12:47
 Operator : JC/SP
 Sample : K1256-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 50139

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:52:33 AM

Quant Time: Jan 29 07:13:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1369166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1251249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	557723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	434708	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.59	113	418963	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
50) Toluene-d8	10.09	98	1647656	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	578400	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.77	59	55053m	130.528	ug/l	
16) Acetone	3.82	43	124005	61.319	ug/l	100
18) Methyl Acetate	4.32	43	1186040	174.073	ug/l	100
25) 2-Butanone	6.83	43	60132	19.295	ug/l	98
40) Benzene	8.04	78	68264	1.802	ug/l	98
52) Toluene	10.16	92	43157	1.835	ug/l	96
68) m/p-Xylenes	11.62	106	21488	1.261	ug/l	96
95) Naphthalene	15.13	128	17540	5.137	ug/l #	91

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

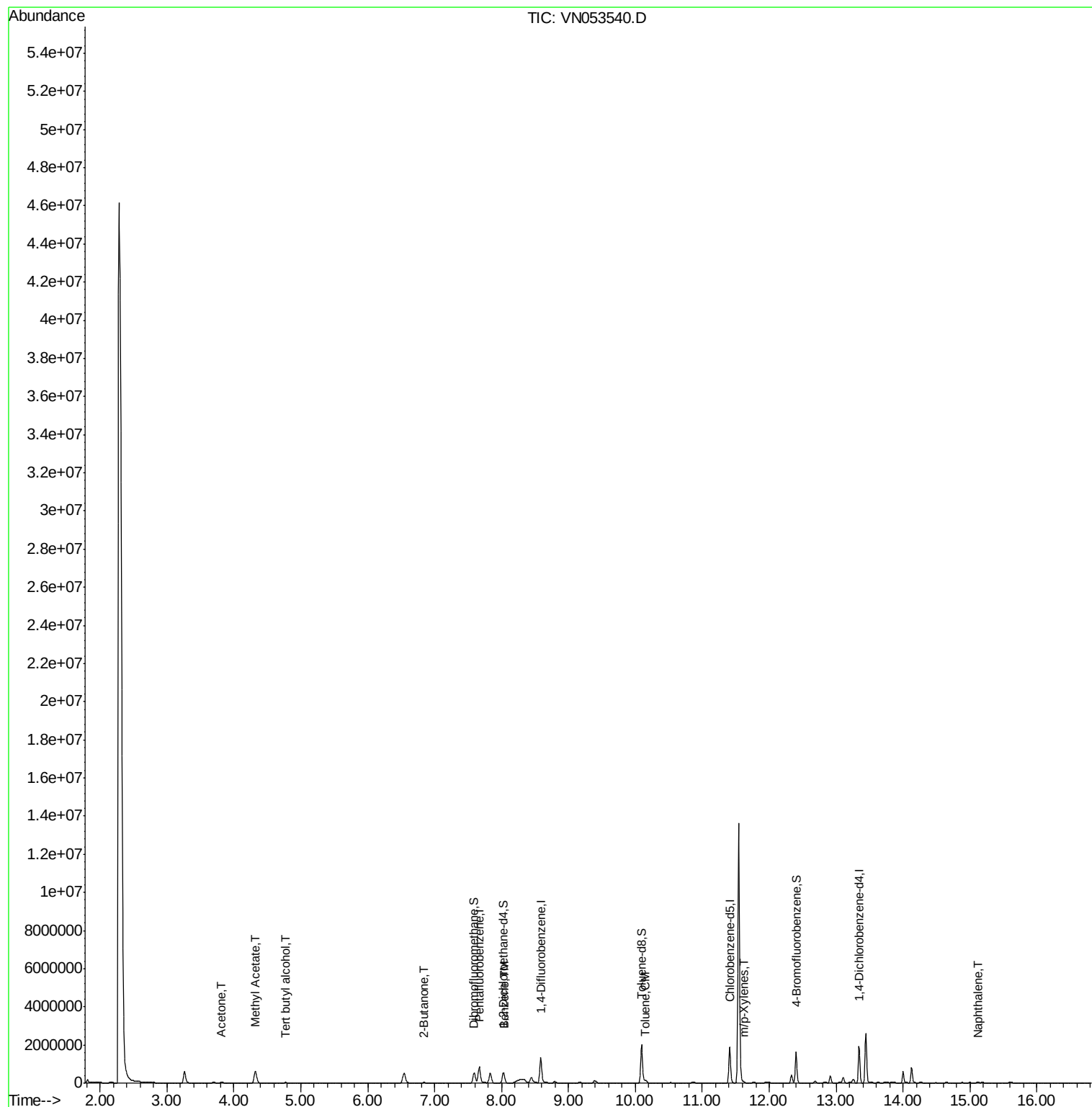
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053540.D
Acq On : 28 Jan 2019 12:47
Operator : JC/SP
Sample : K1256-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

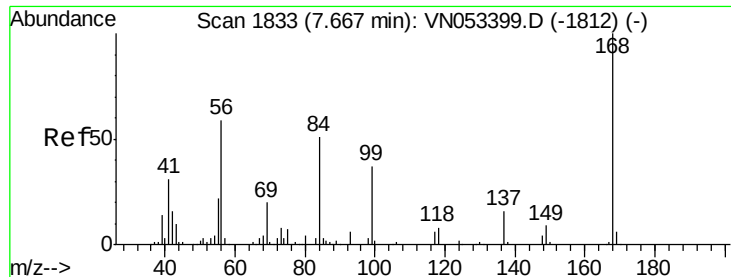
Instrument :
MSVOA_N
ClientSampleId :
50139

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1/29/2019 9:52:33 AM

Quant Time: Jan 29 07:13:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

50139

Tot Ion:168 Resp: 872069

Ion Ratio Lower Upper

168 100

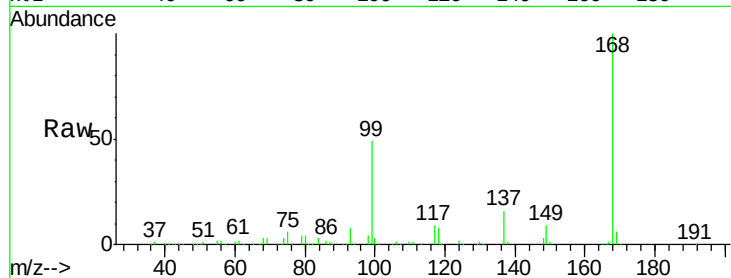
99 49.0 39.1 58.7

Manual Integrations

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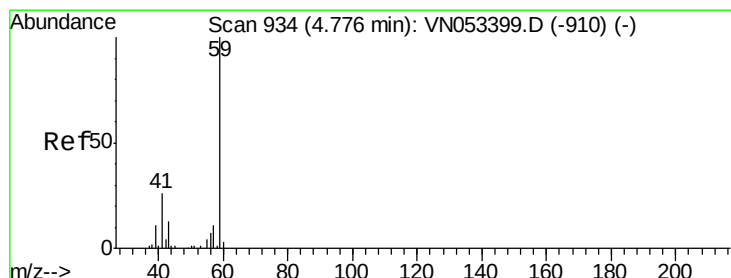
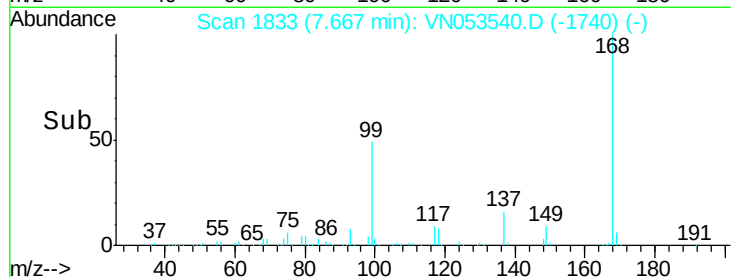
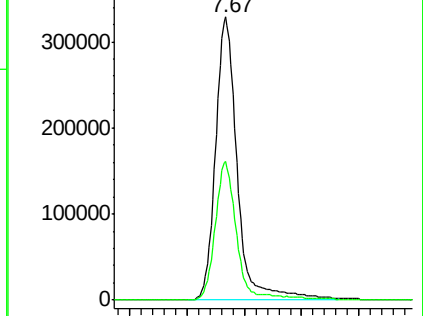
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 130.528 ug/l m

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053540.D

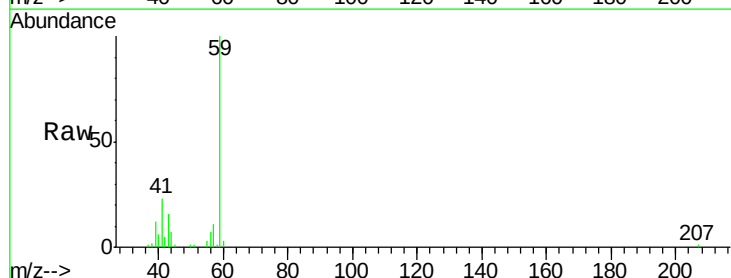
Acq: 28 Jan 2019 12:47

Tgt Ion: 59 Resp: 55053

Ion Ratio Lower Upper

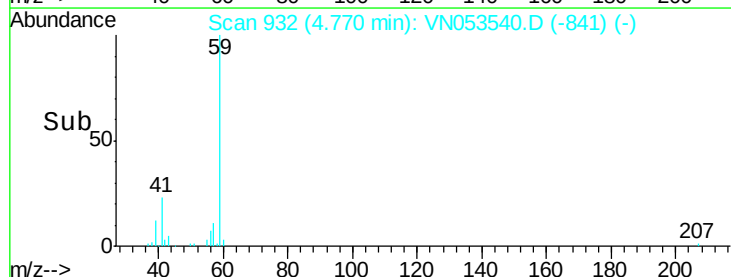
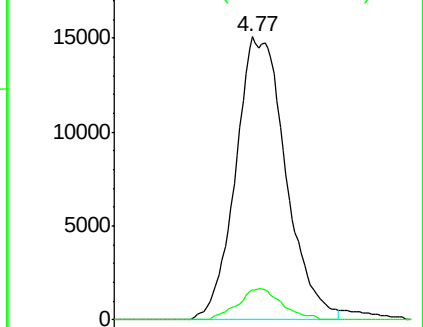
59 100

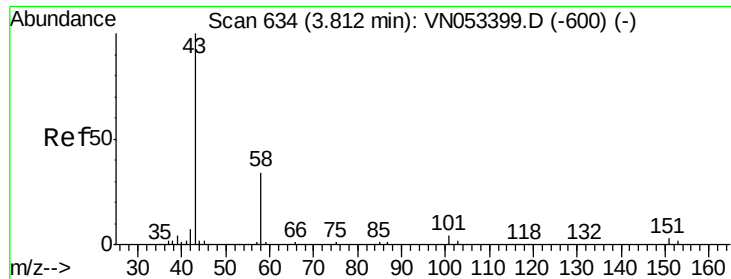
57 9.8 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





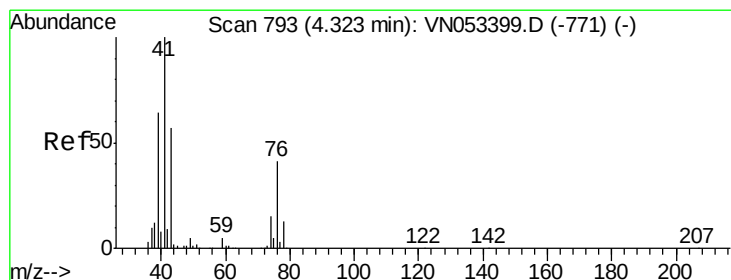
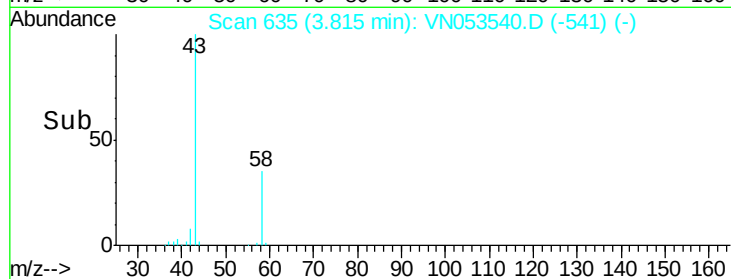
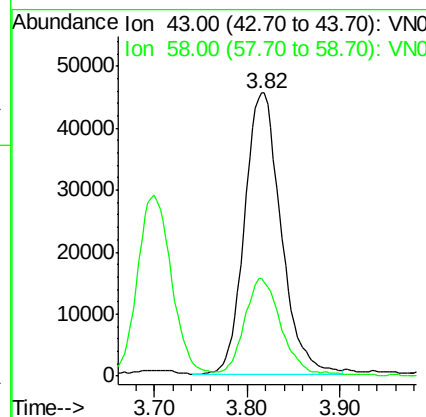
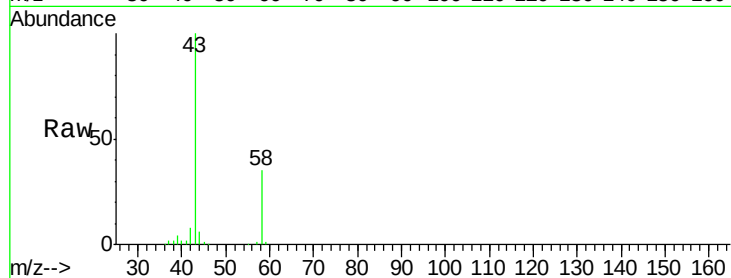
#16
Acetone
Concen: 61.319 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampled :
50139

Tot Ion	43	Resp	124005
Ion Ratio	100	Lower	Upper
43	100		
58	34.0	27.1	40.7

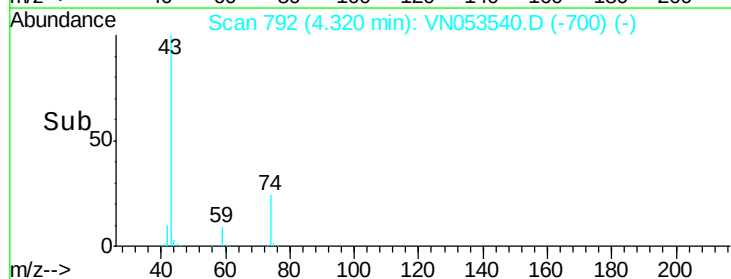
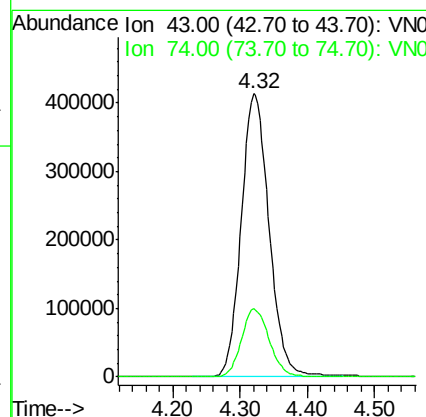
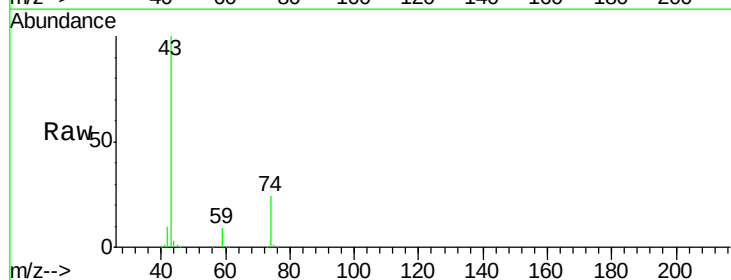
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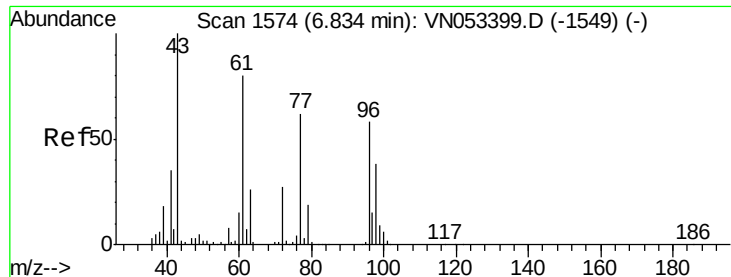
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#18
Methyl Acetate
Concen: 174.073 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion	43	Resp	1186040
Ion Ratio	100	Lower	Upper
43	100		
74	24.3	19.4	29.2





#25

2-Butanone

Concen: 19.295 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

50139

Tot Ion: 43 Resp: 60132

Ion Ratio Lower Upper

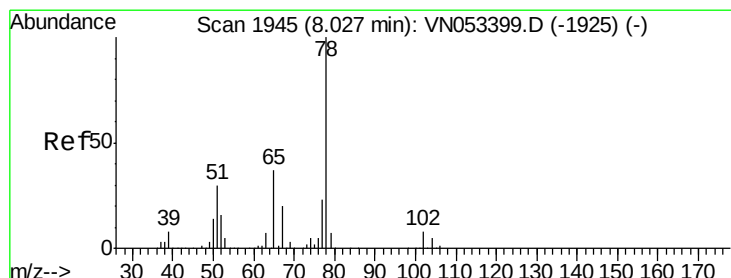
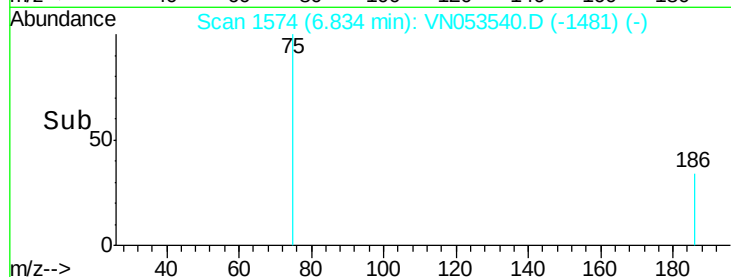
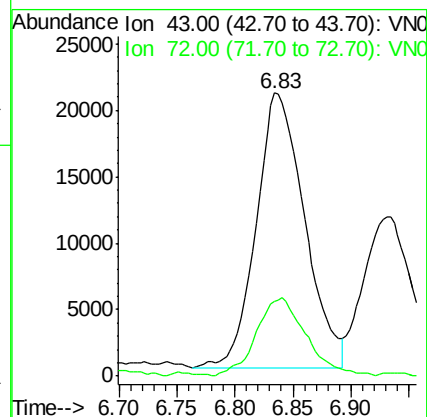
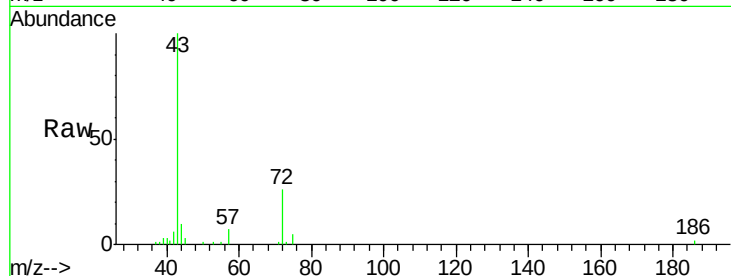
43 100

72 26.3 22.0 33.0

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#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053540.D

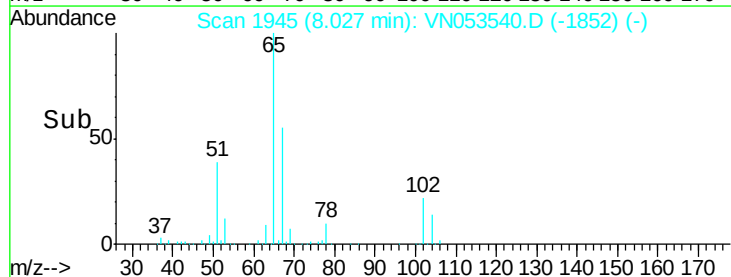
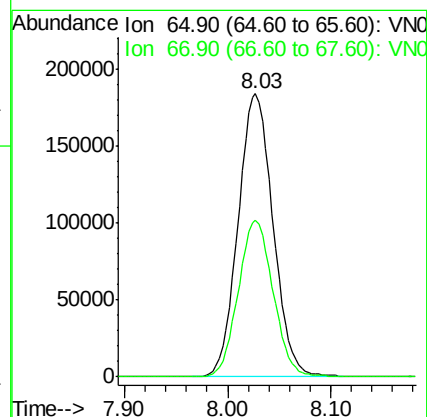
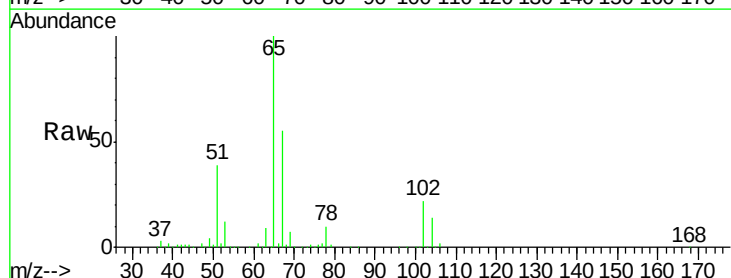
Acq: 28 Jan 2019 12:47

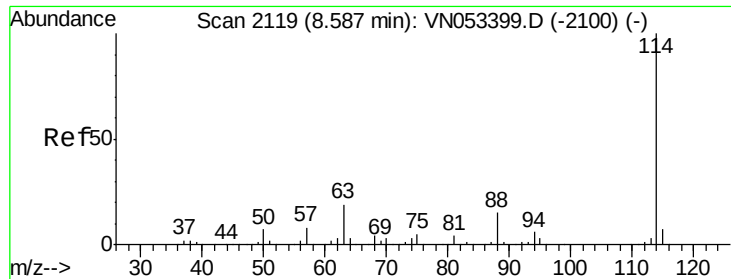
Tgt Ion: 65 Resp: 434708

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

Tot Ion:114 Resp: 1369166

Ion Ratio Lower Upper

114 100

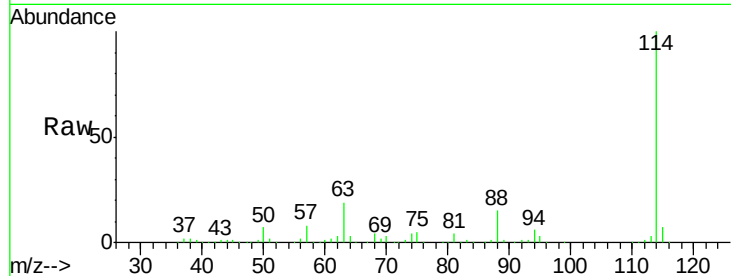
63 19.2 0.0 38.6

88 15.0 0.0 30.4

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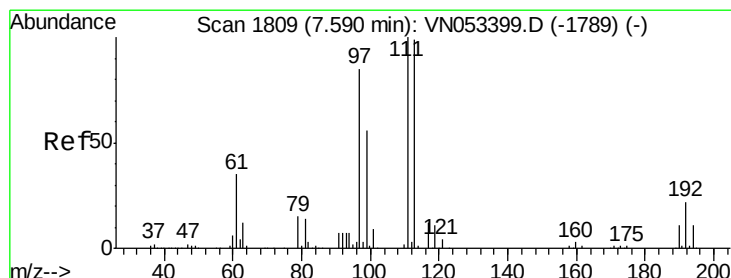
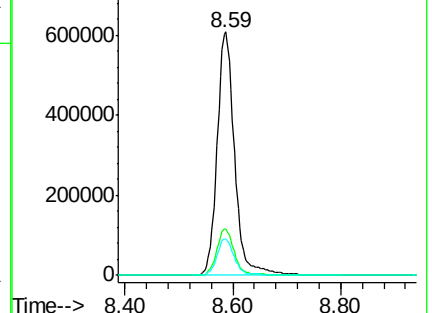
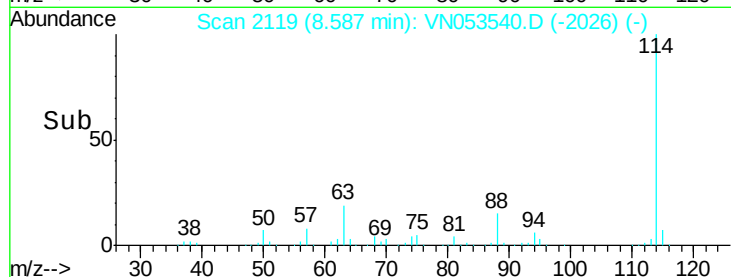
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

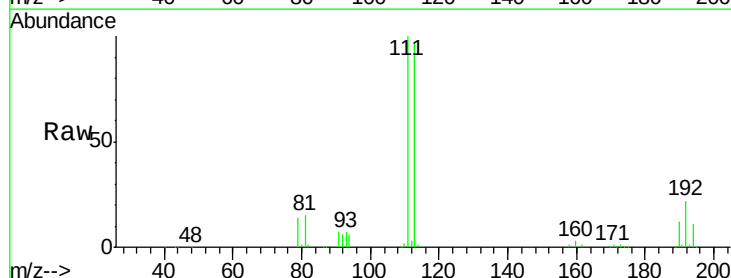
Tgt Ion:113 Resp: 418963

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

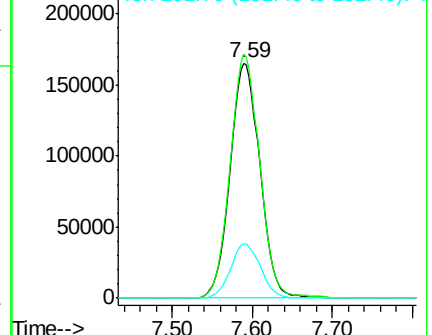
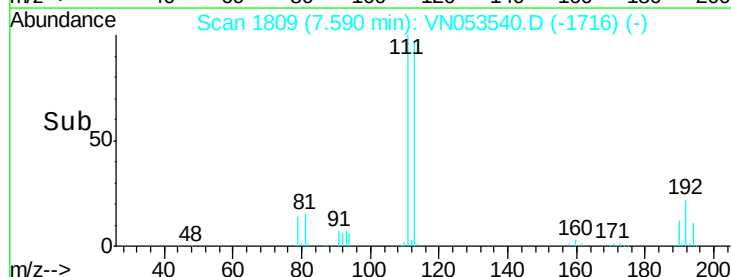
192 23.0 18.2 27.2

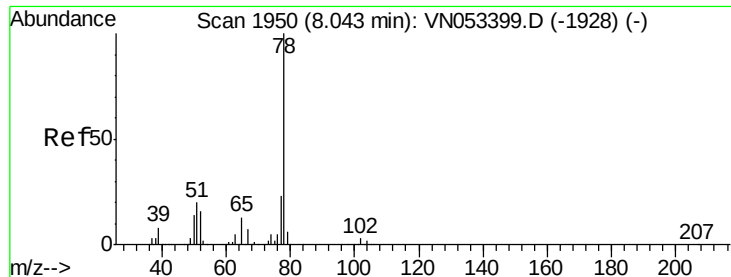


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.802 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

Tot Ion: 78 Resp: 68264

Ion Ratio Lower Upper

78 100

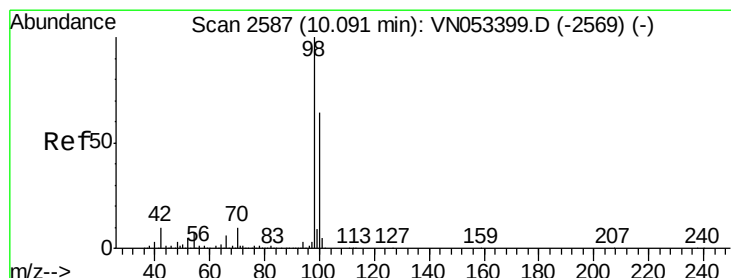
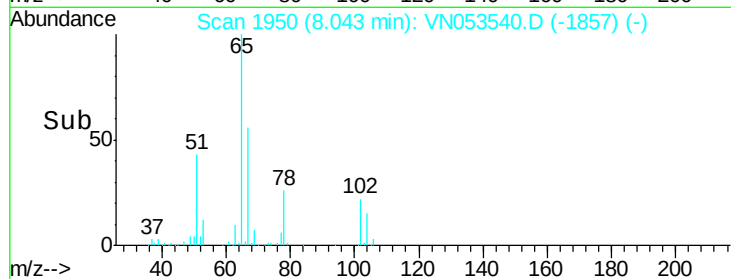
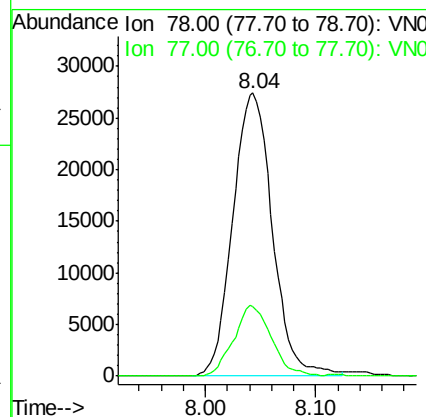
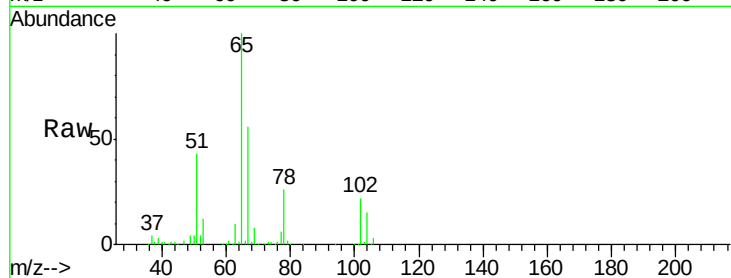
77 24.5 18.8 28.2

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#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053540.D

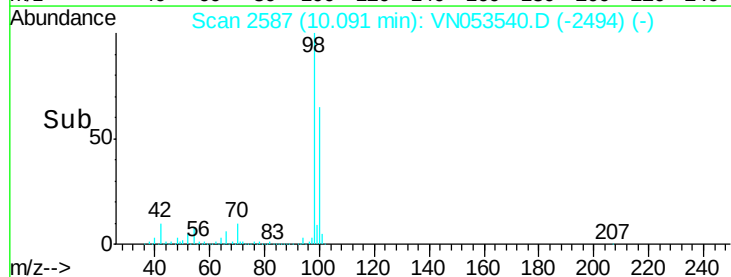
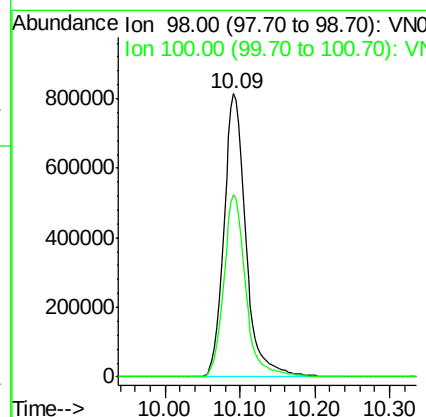
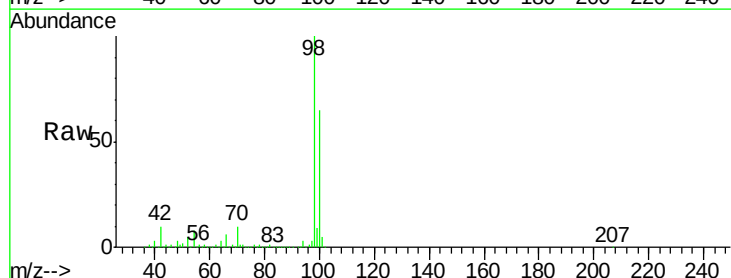
Acq: 28 Jan 2019 12:47

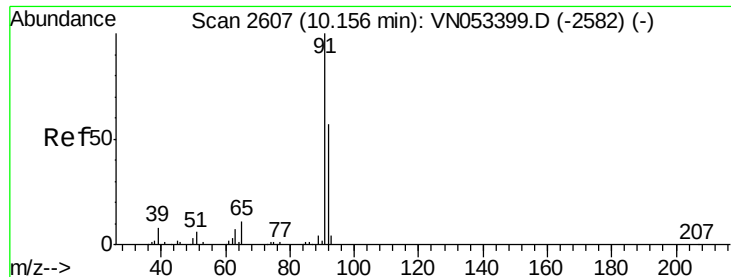
Tgt Ion: 98 Resp: 1647656

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#52

Toluene

Concen: 1.835 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

Tot Ion: 92 Resp: 43157

Ion Ratio Lower Upper

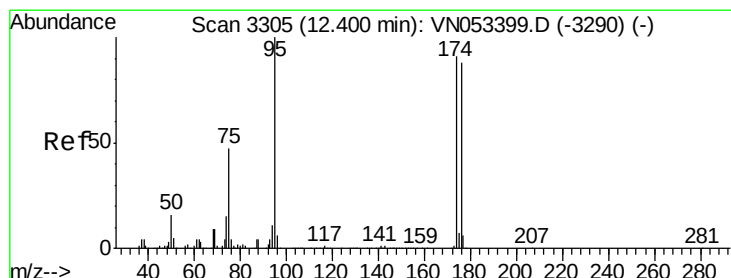
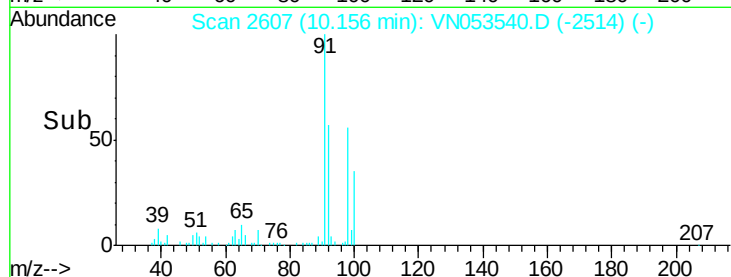
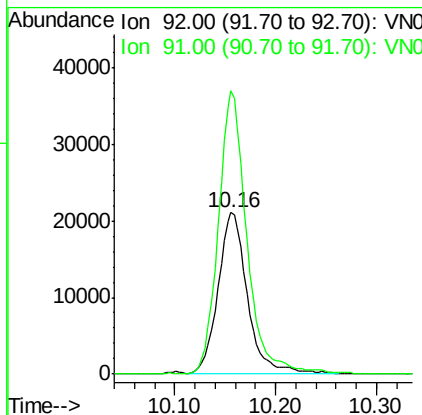
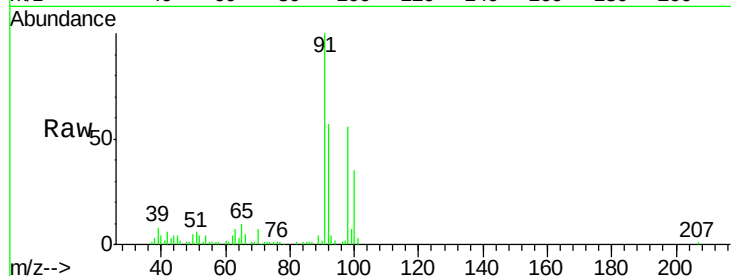
92 100

91 168.9 139.9 209.9

Manual Integrations
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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: VN053540.D

Acq: 28 Jan 2019 12:47

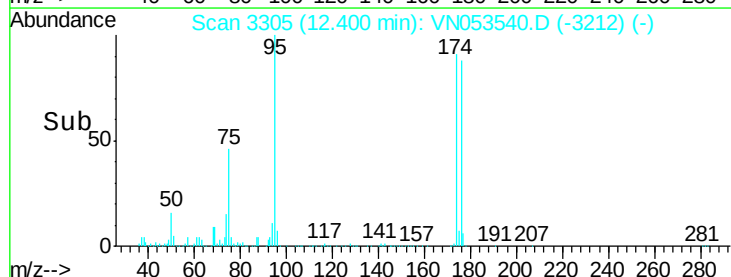
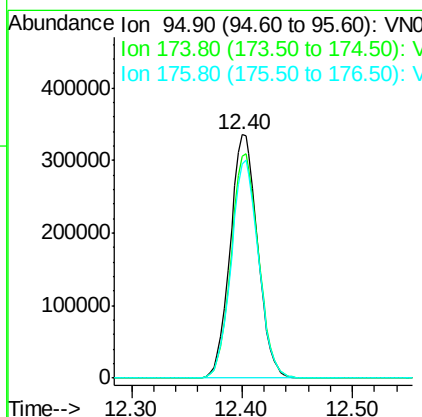
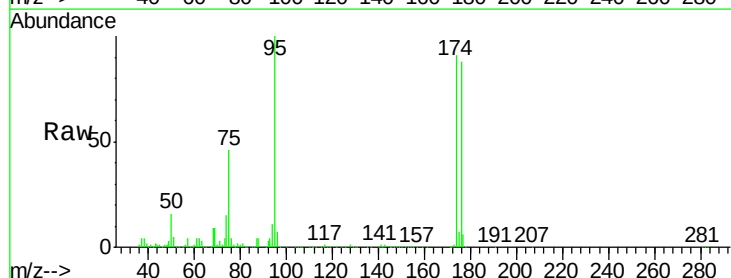
Tgt Ion: 95 Resp: 578400

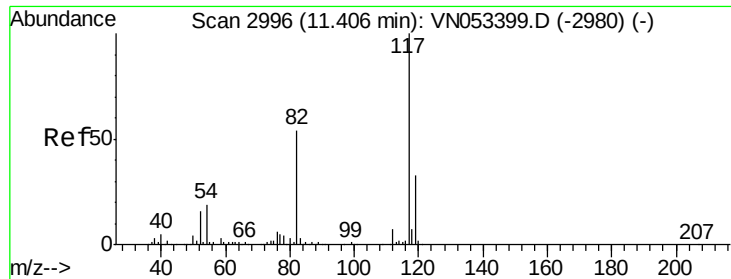
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

176 89.0 0.0 177.4





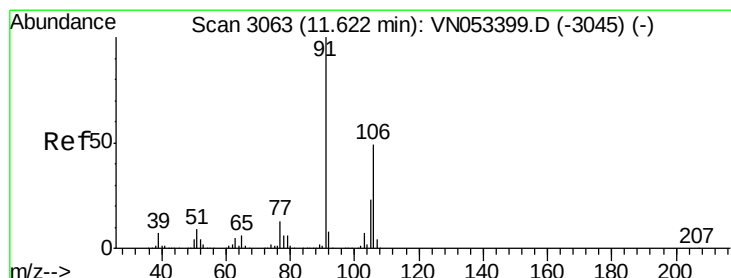
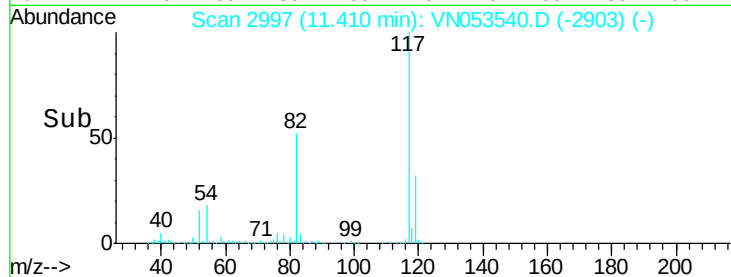
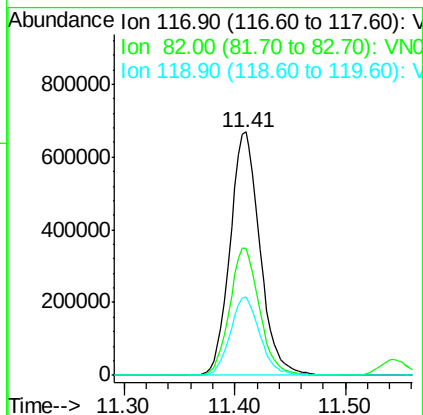
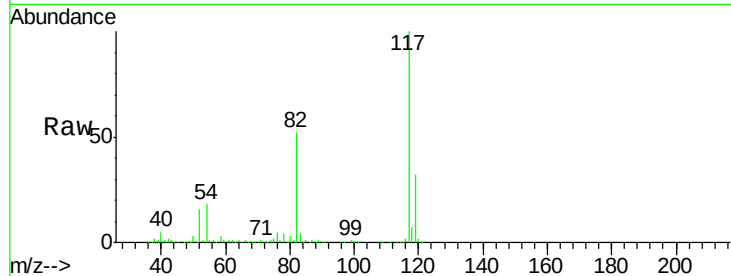
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampled :
50139

Tot Ion:117 Resp: 1251249
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.2 26.0 39.0

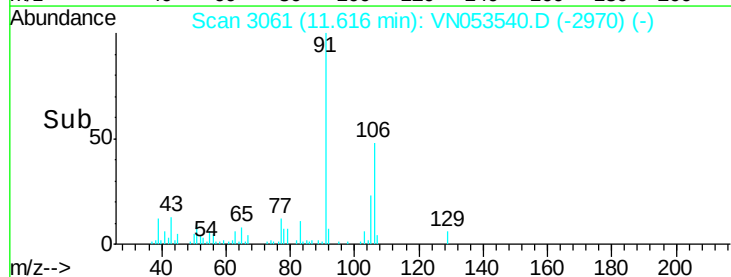
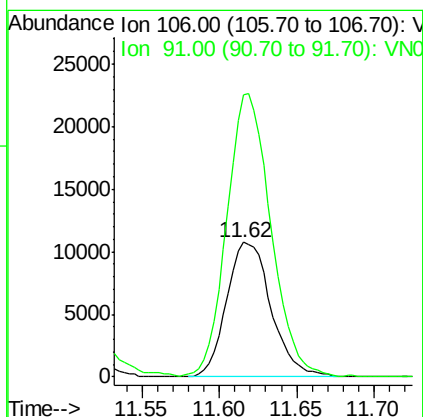
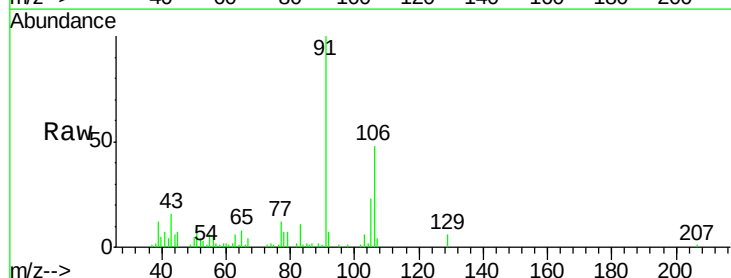
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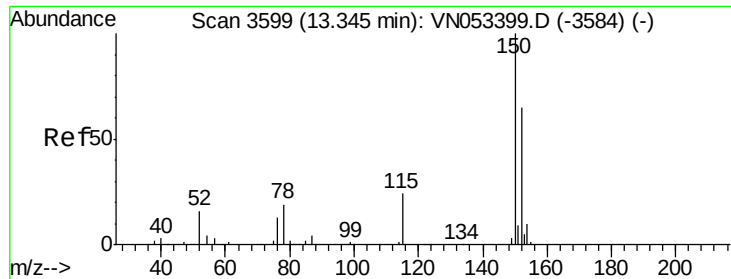
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#68
m/p-Xylenes
Concen: 1.261 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion:106 Resp: 21488
Ion Ratio Lower Upper
106 100
91 208.4 161.4 242.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

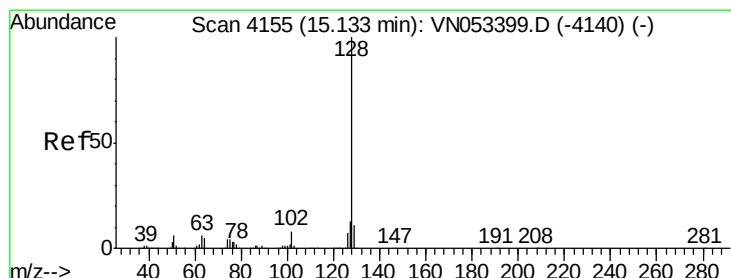
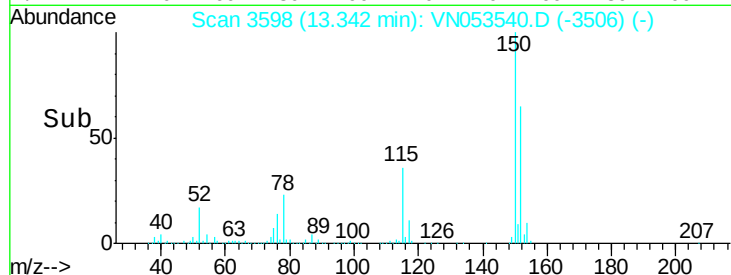
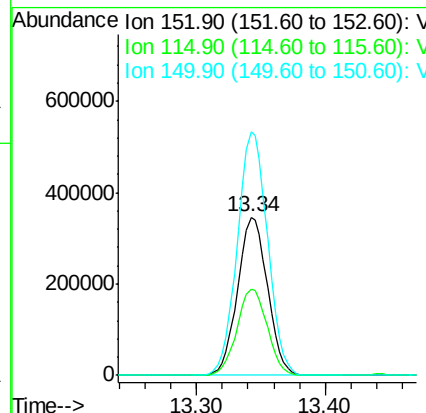
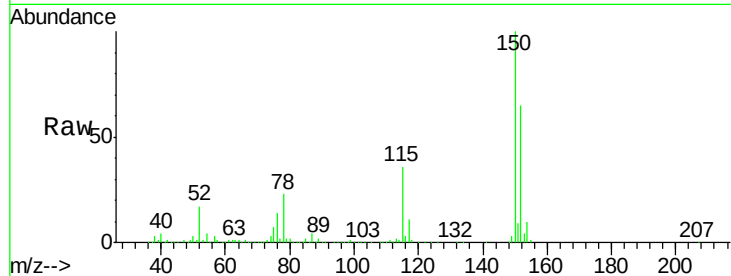
ClientSampled :

50139

Tot Ion:	152	Resp:	557723
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.8	83.4
150	155.8	0.0	349.0

Manual Integrations
APPROVED

MMDadoda
1/29/2019 9:52:33 AM



#95

Naphthalene

Concen: 5.137 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Tgt Ion:	128	Resp:	17540
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.3	15.5
129	16.1	8.6	13.0#

