

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052859.D
 Acq On : 13 Dec 2018 12:54
 Operator : MD\SY
 Sample : J6319-03
 Misc : 4.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 057_BT-2-1

Manual Integrations
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MMDadoda
 12/14/2018 9:02:27 AM

Quant Time: Dec 14 02:45:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1171619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1767367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1601597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	766313	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	566021	45.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.86%	
35) Dibromofluoromethane	7.59	113	468005	47.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	2231120	52.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	779362	53.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	4203m	1.502	ug/l	
29) Tetrahydrofuran	7.21	42	2980	1.005	ug/l #	75
39) Methylcyclohexane	9.08	83	424887	21.274	ug/l	94
52) Toluene	10.16	92	8894	0.301	ug/l	84
68) m/p-Xylenes	11.62	106	23608	1.102	ug/l	99
69) o-Xylene	11.95	106	5724	0.274	ug/l	81
73) Isopropylbenzene	12.25	105	101494	1.774	ug/l	99
78) n-propylbenzene	12.59	91	253516	3.885	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	17765	0.380	ug/l	98
85) sec-Butylbenzene	13.17	105	61112	1.108	ug/l #	43
89) n-Butylbenzene	13.62	91	87100	2.164	ug/l #	78

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

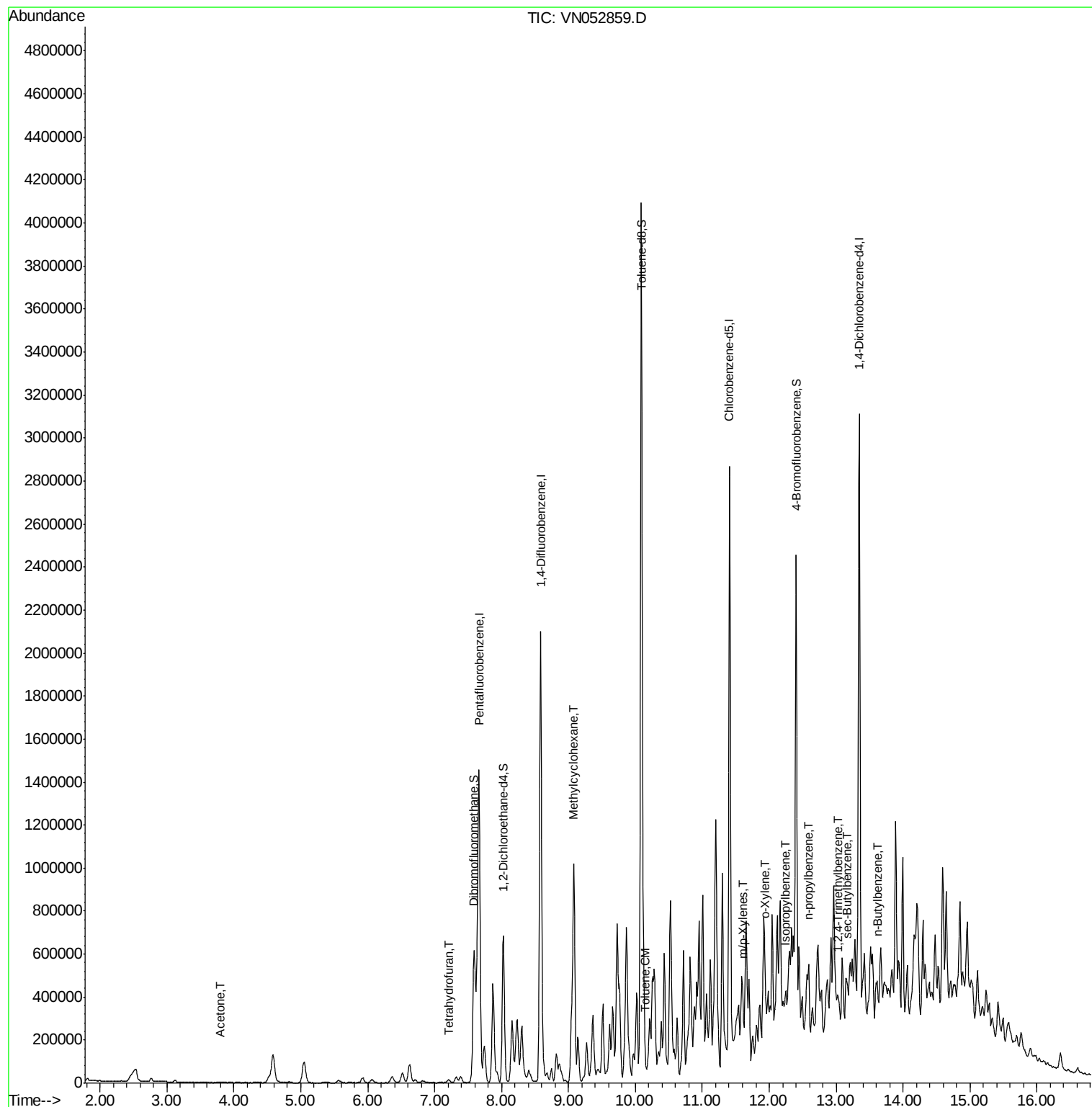
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052859.D
Acq On : 13 Dec 2018 12:54
Operator : MD\SY
Sample : J6319-03
Misc : 4.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 28

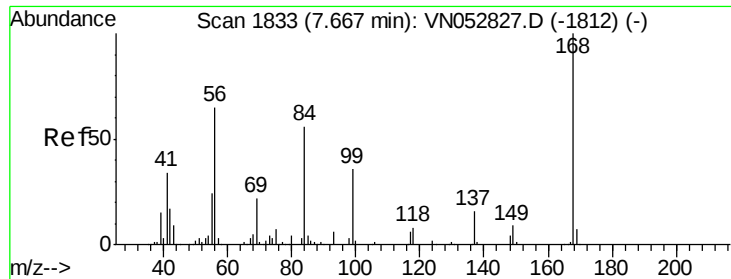
Instrument :
MSVOA_N
ClientSampleId :
057_BT-2-1

Manual Integrations
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12/14/2018 9:02:27 AM

Quant Time: Dec 14 02:45:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052859.D

Acq: 13 Dec 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

057_BT-2-1

Tot Ion:168 Resp: 1171619

Ion Ratio Lower Upper

168 100

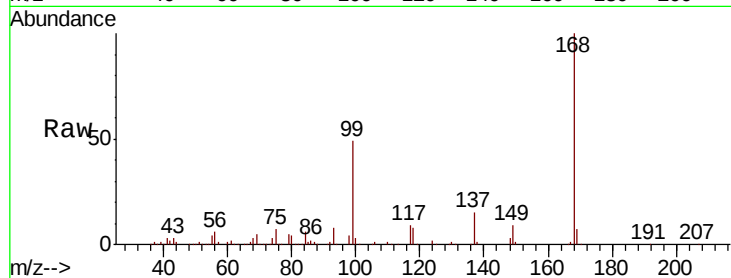
99 49.5 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

500000

400000

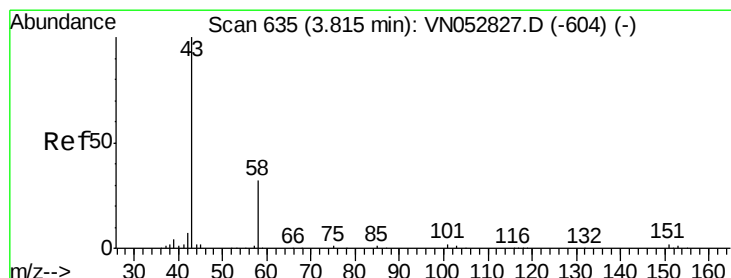
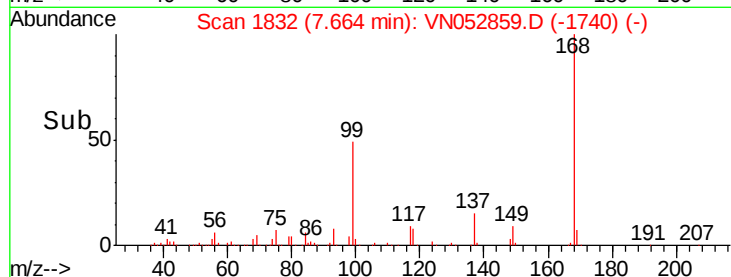
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.502 ug/l m

RT: 3.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN052859.D

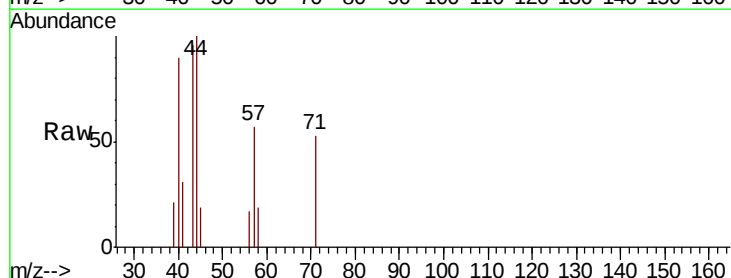
Acq: 13 Dec 2018 12:54

Tgt Ion: 43 Resp: 4203

Ion Ratio Lower Upper

43 100

58 19.4 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.80

1200

1000

800

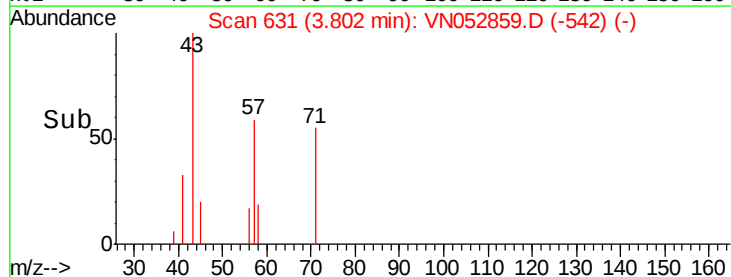
600

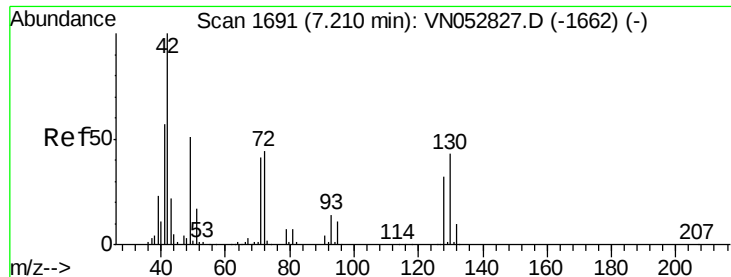
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200

0

Time--> 3.70 3.75 3.80 3.85 3.90





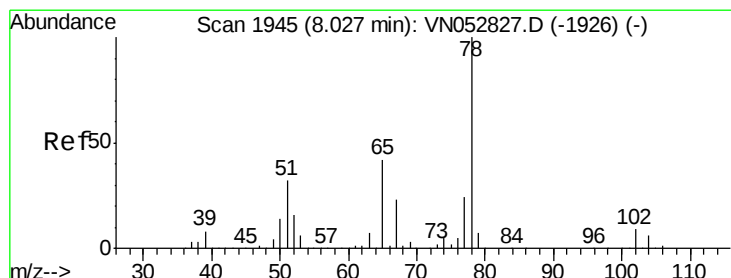
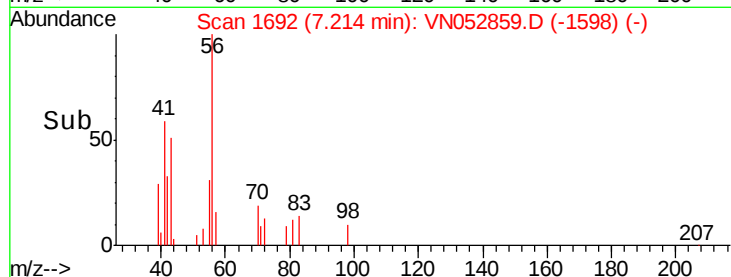
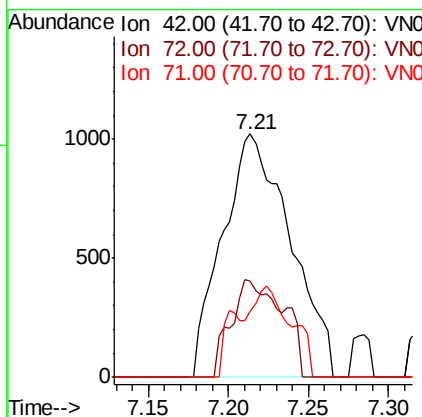
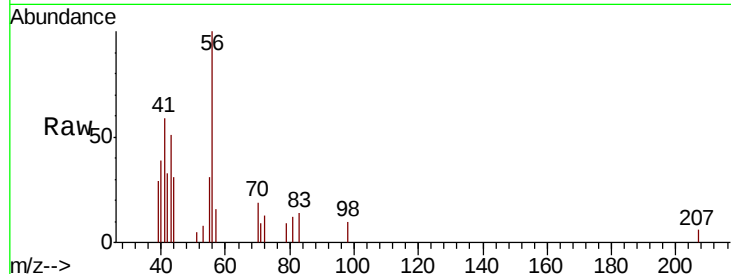
#29
Tetrahydrofuran
Concen: 1.005 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
057_BT-2-1

Tot Ion	Ratio	Lower	Upper
42	100		
72	30.5	34.7	52.1#
71	21.5	32.3	48.5#

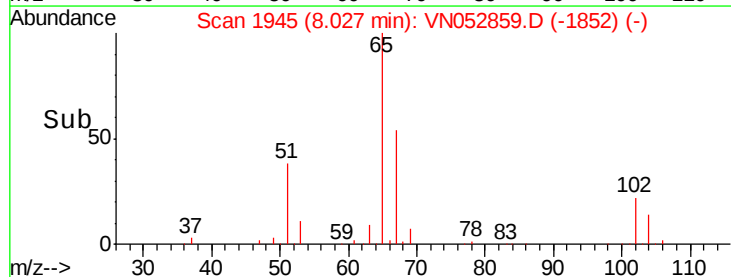
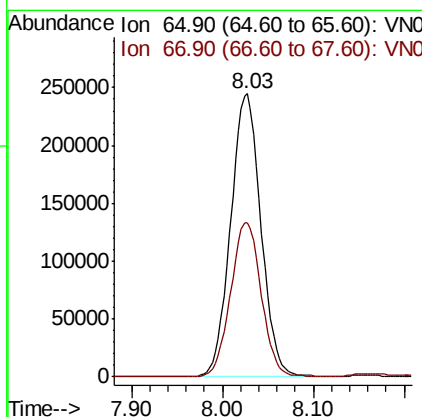
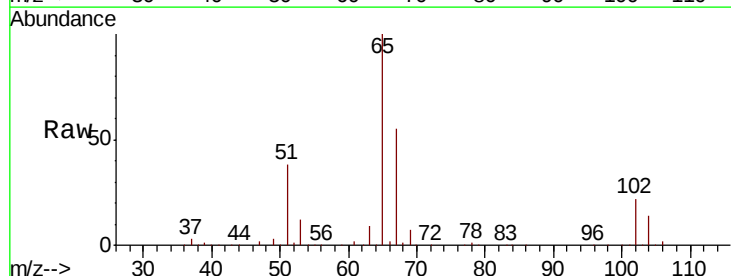
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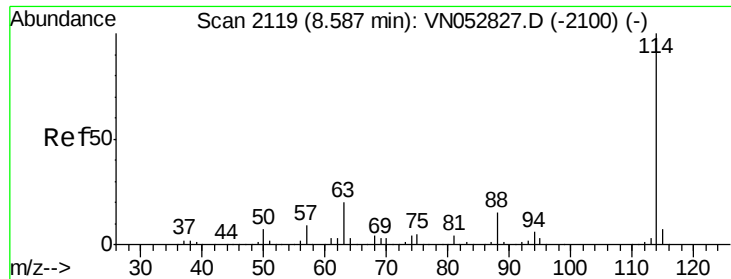
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#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.4





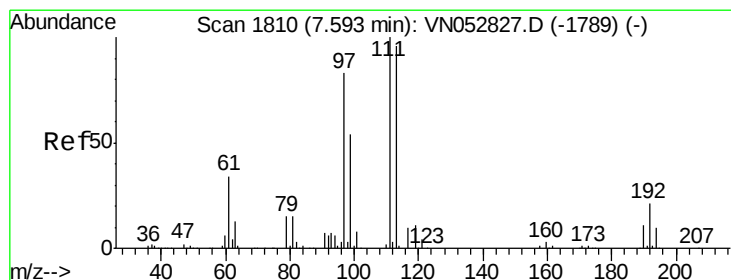
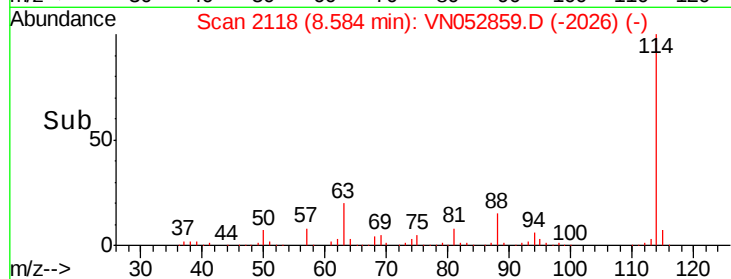
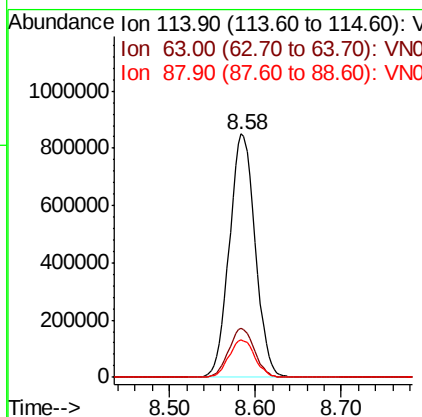
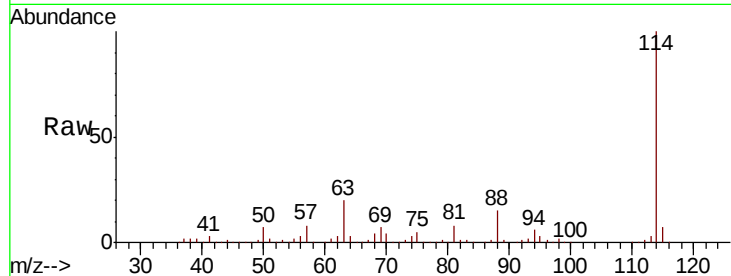
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052859.D
 Acq: 13 Dec 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 057_BT-2-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.4	0.0	31.0

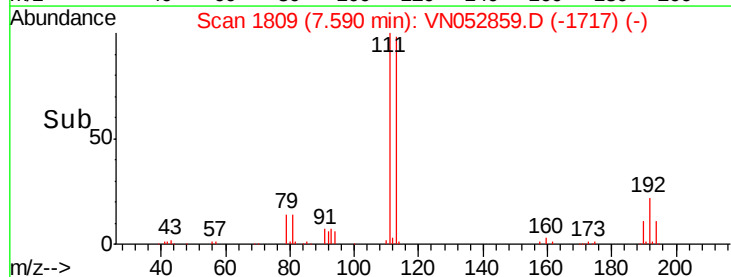
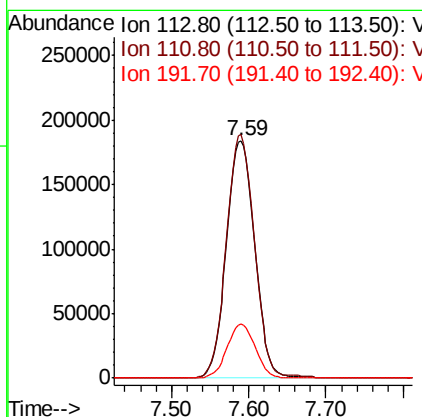
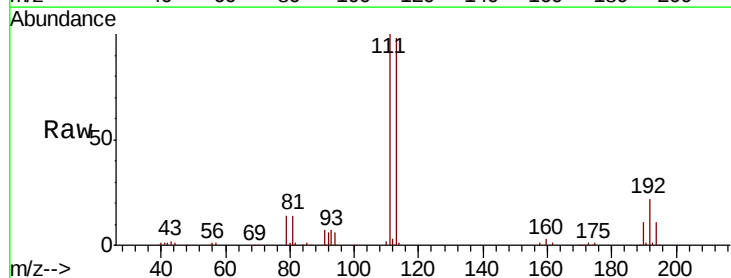
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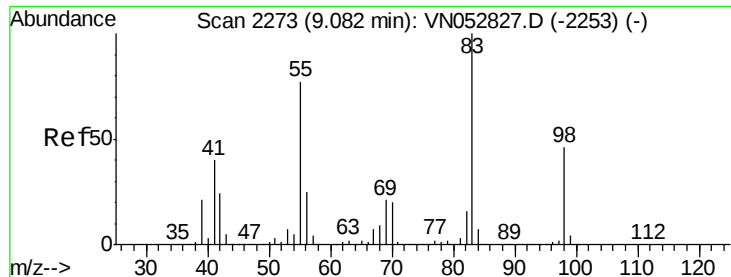
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052859.D
 Acq: 13 Dec 2018 12:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.4
192	22.6	17.5	26.3





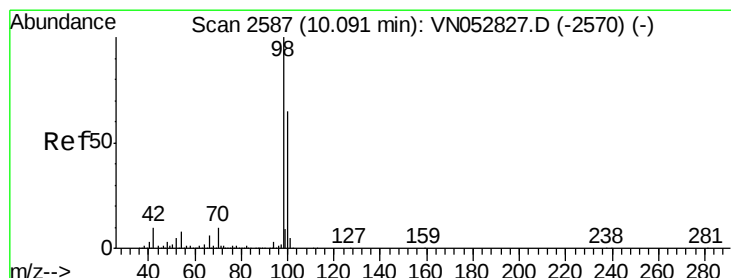
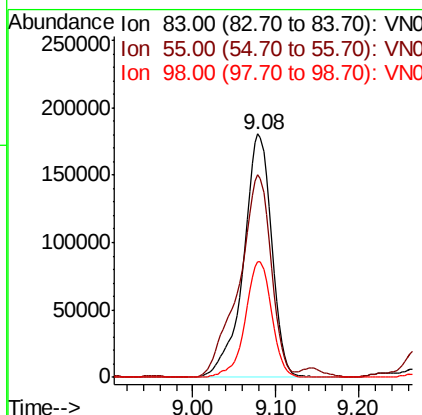
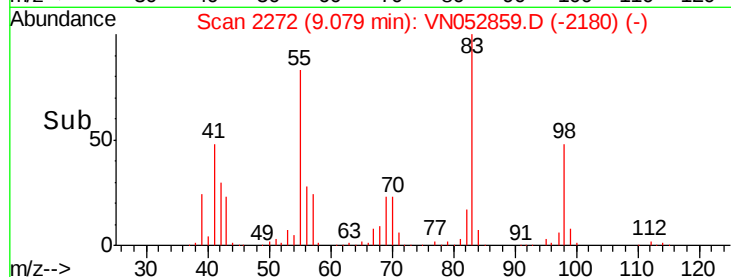
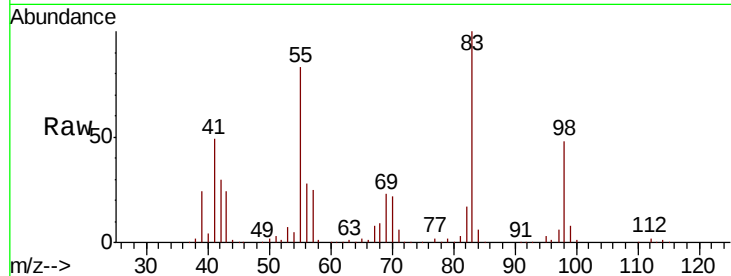
#39
Methvlcvclohexane
Concen: 21.274 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
057_BT-2-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	61.3	91.9
98	47.7	37.0	55.4

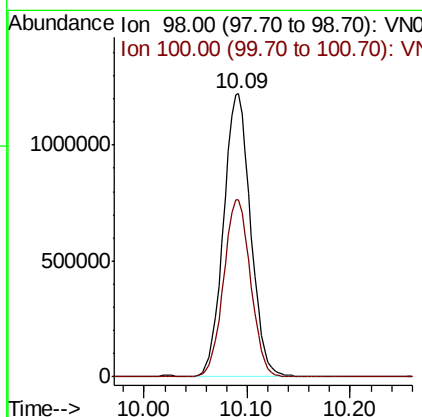
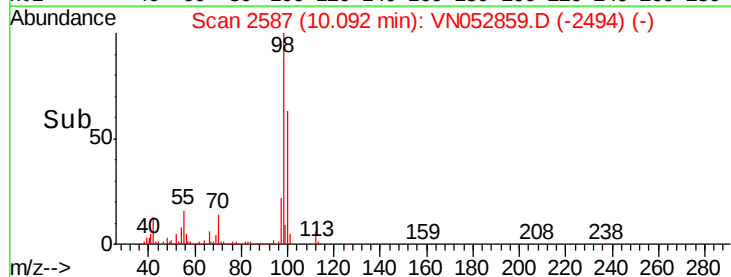
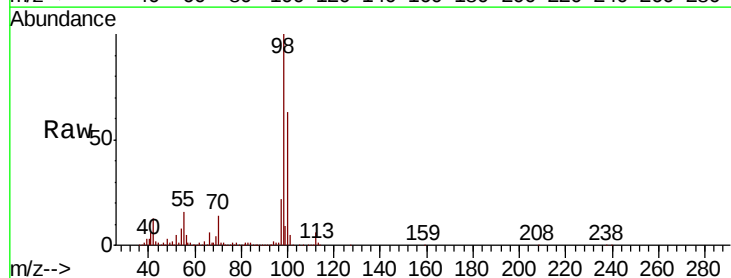
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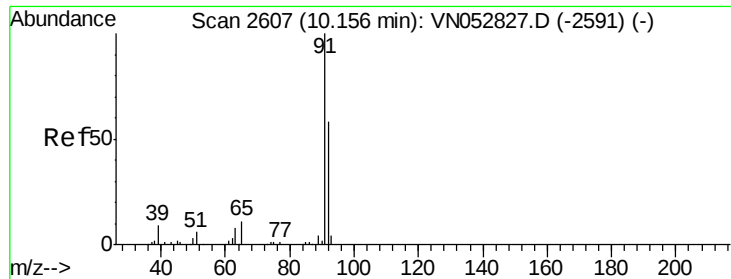
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.6	77.4





#52

Toluene

Concen: 0.301 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052859.D

Acq: 13 Dec 2018 12:54

Instrument :

MSVOA_N

ClientSampled :

057_BT-2-1

Tot Ion: 92 Resp: 8894

Ion Ratio Lower Upper

92 100

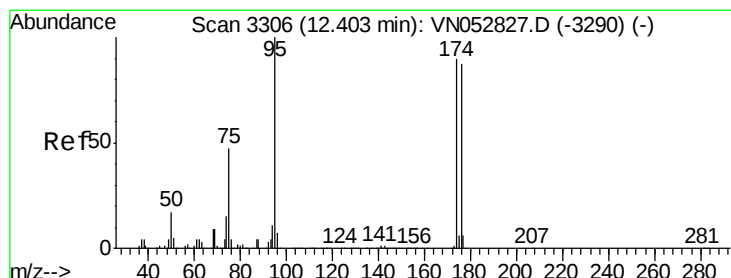
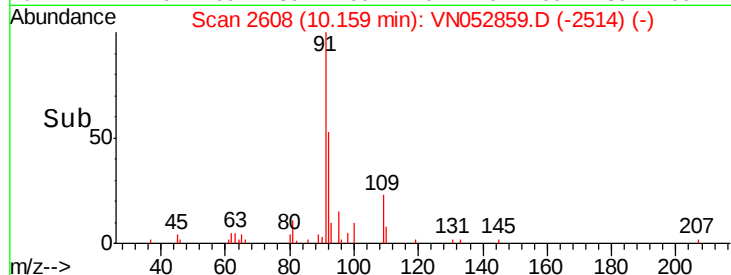
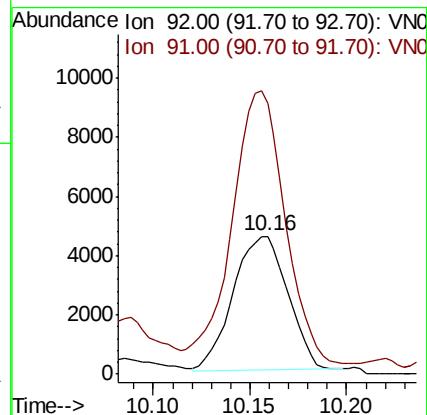
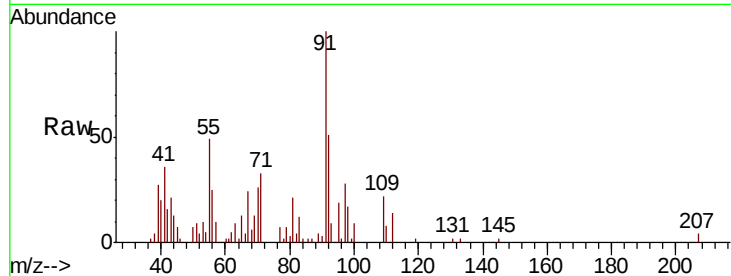
91 196.7 139.8 209.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052859.D

Acq: 13 Dec 2018 12:54

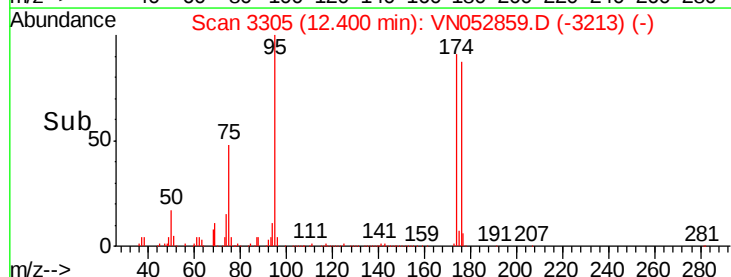
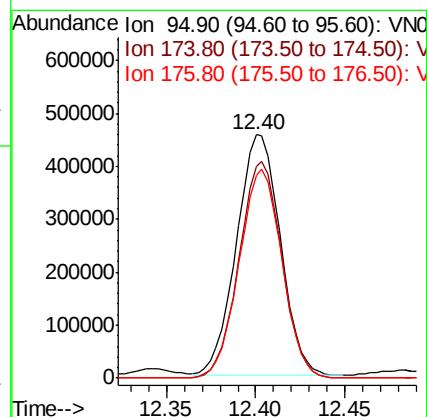
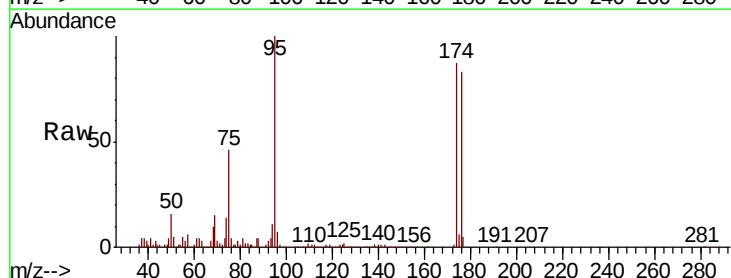
Tgt Ion: 95 Resp: 779362

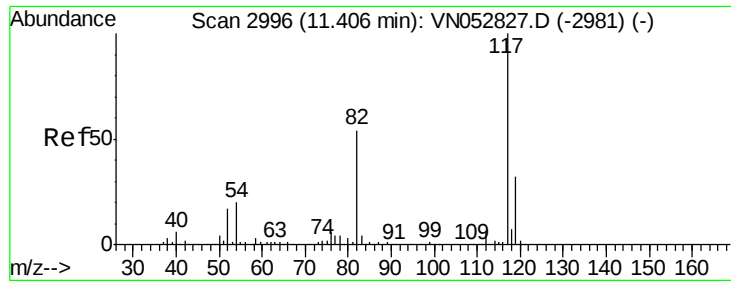
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.8

176 84.7 0.0 173.8





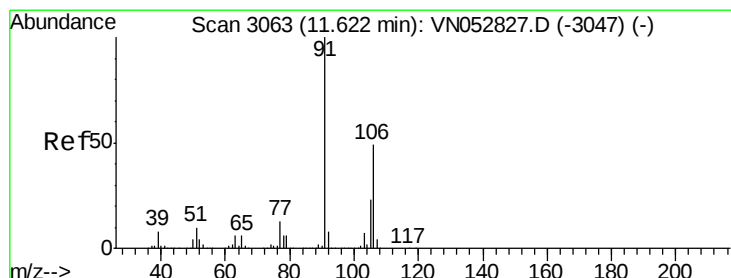
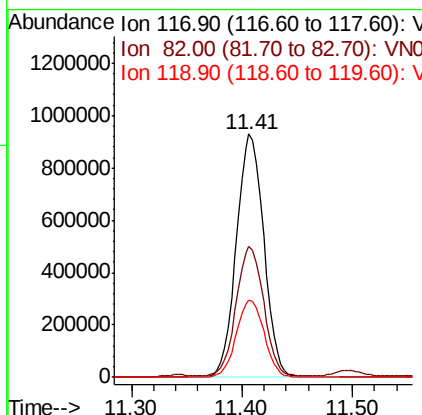
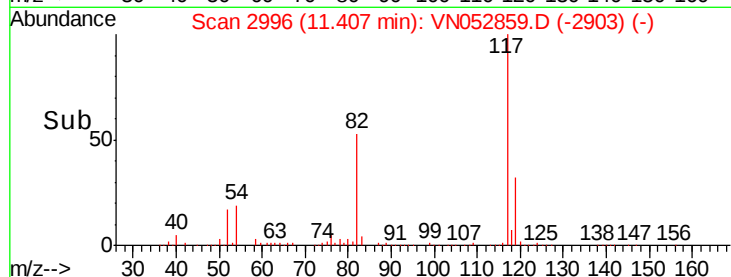
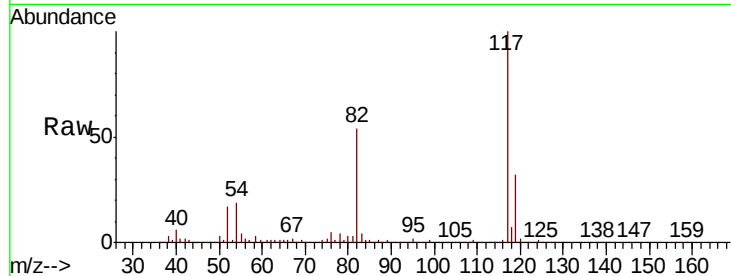
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
057_BT-2-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.8	64.2
119	31.9	25.5	38.3

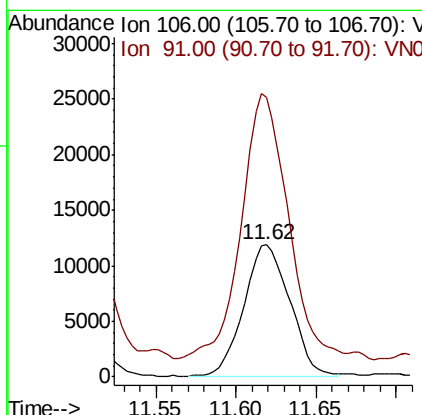
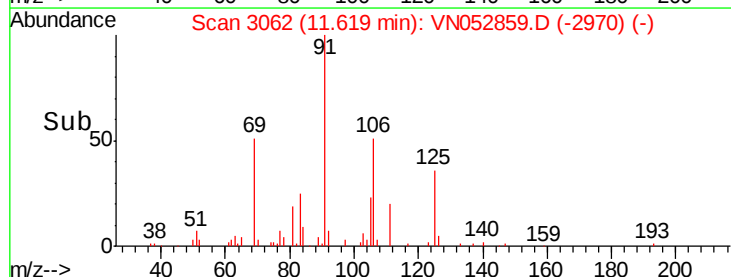
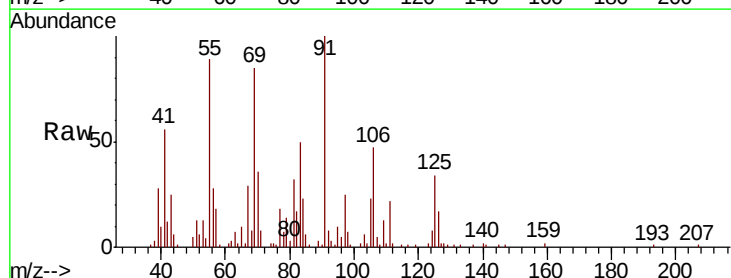
Manual Integrations
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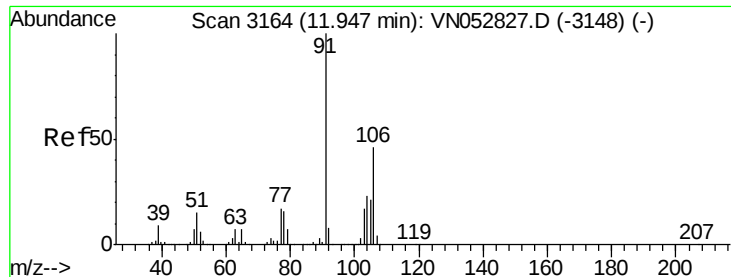
MMDadoda
12/14/2018 9:02:27 AM



#68
m/p-Xylenes
Concen: 1.102 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.3	162.2	243.4





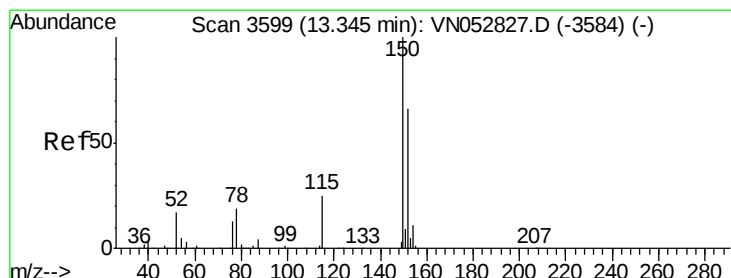
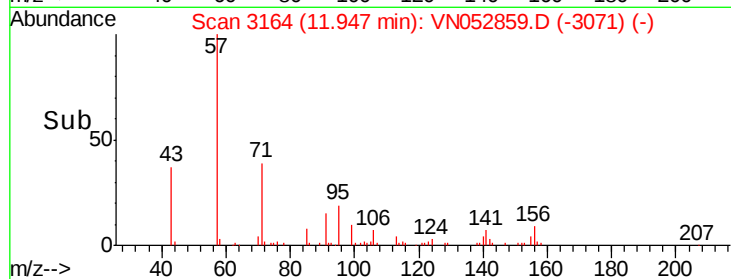
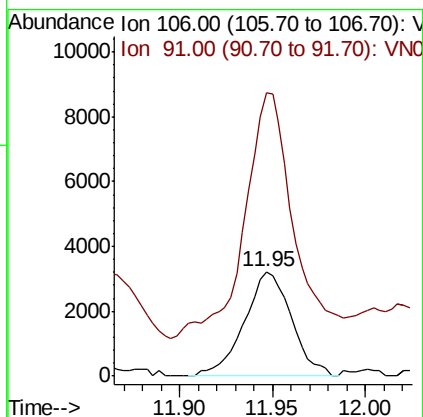
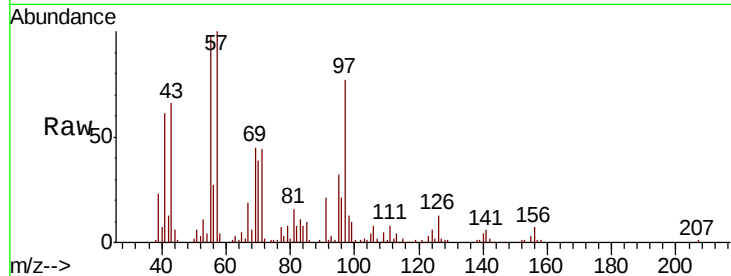
#69
o-Xylene
Concen: 0.274 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Instrument :
MSVOA_N
ClientSampled :
057_BT-2-1

Tot Ion:106 Resp: 5724
Ion Ratio Lower Upper
106 100
91 243.0 106.6 319.8

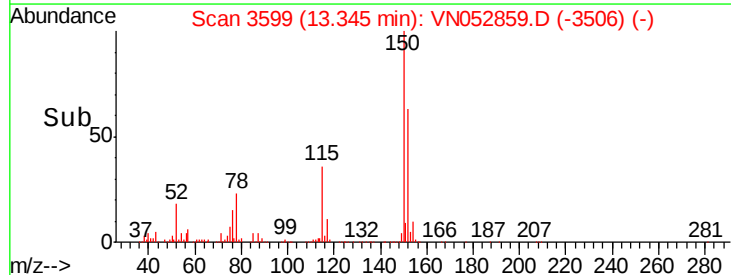
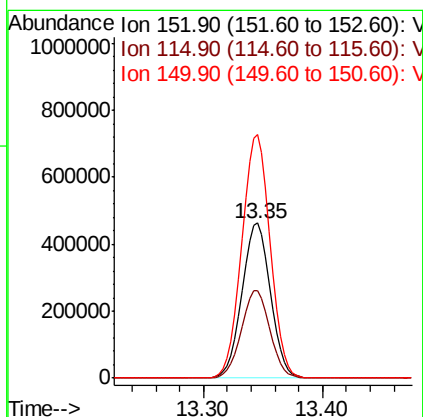
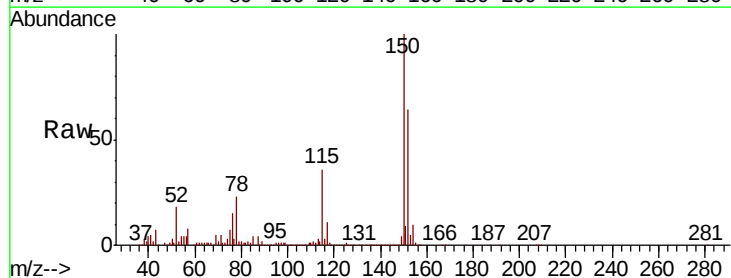
Manual Integrations
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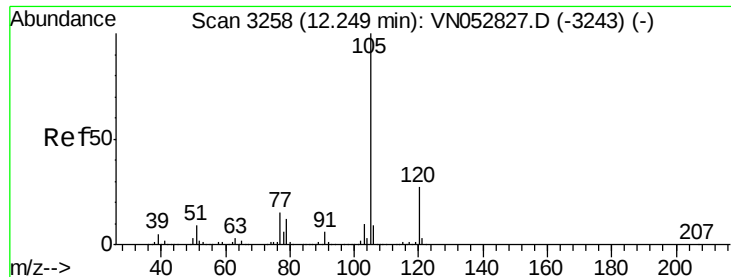
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052859.D
Acq: 13 Dec 2018 12:54

Tgt Ion:152 Resp: 766313
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 156.4 0.0 347.8





#73

Isopropylbenzene

Concen: 1.774 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052859.D

Acq: 13 Dec 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

057_BT-2-1

Tot Ion: 105 Resp: 101494

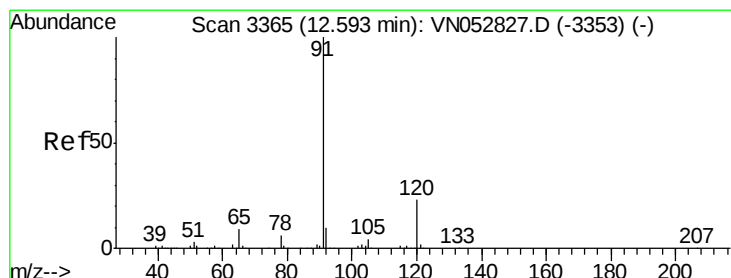
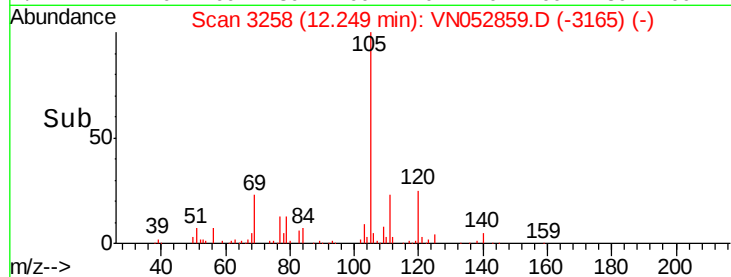
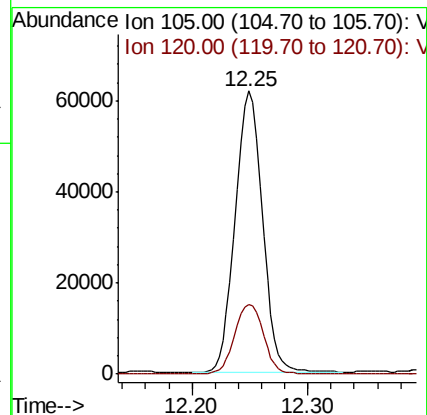
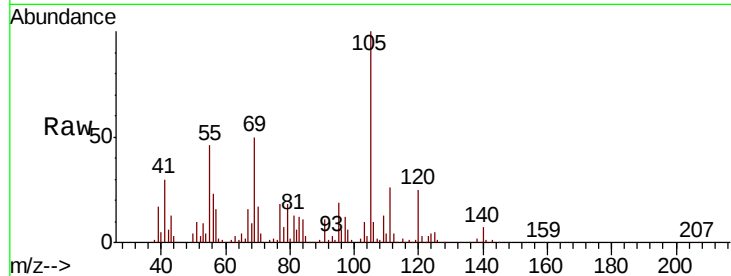
Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9

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#78

n-propylbenzene

Concen: 3.885 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052859.D

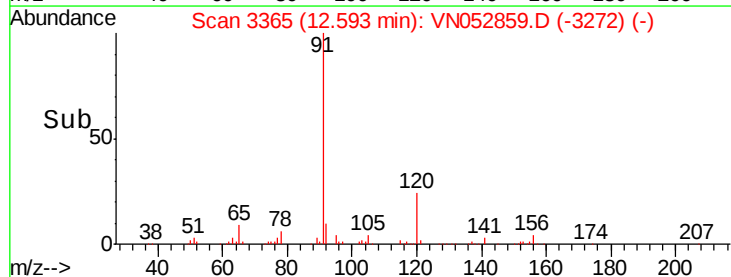
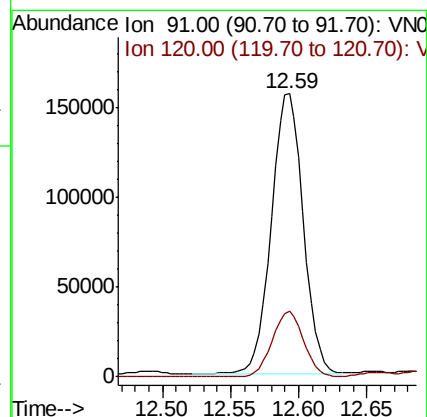
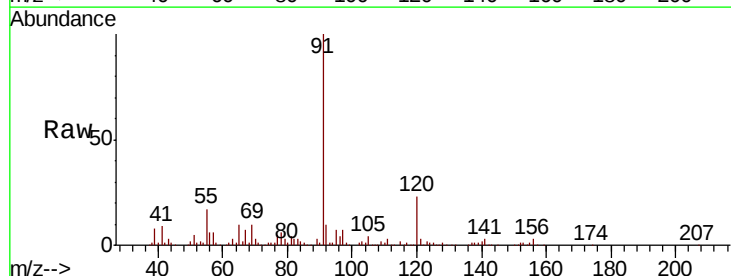
Acq: 13 Dec 2018 12:54

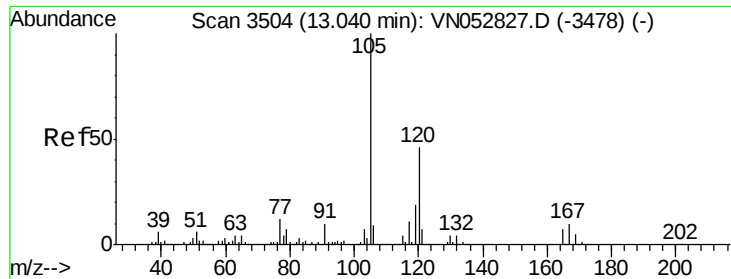
Tgt Ion: 91 Resp: 253516

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5





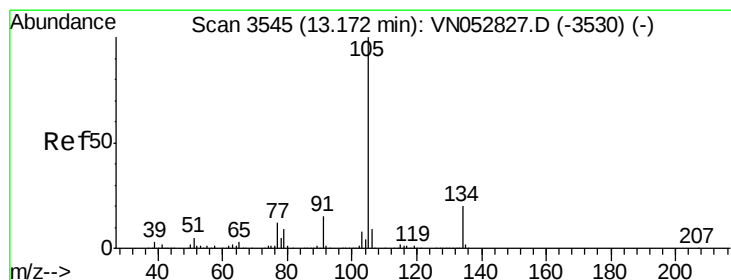
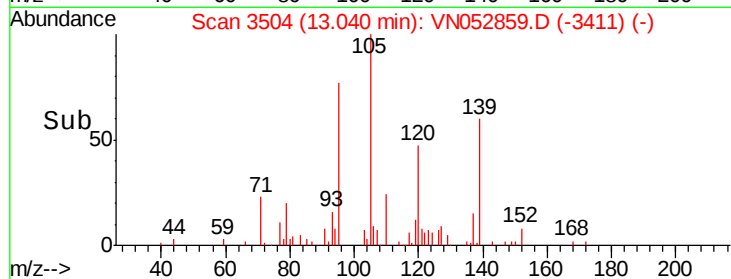
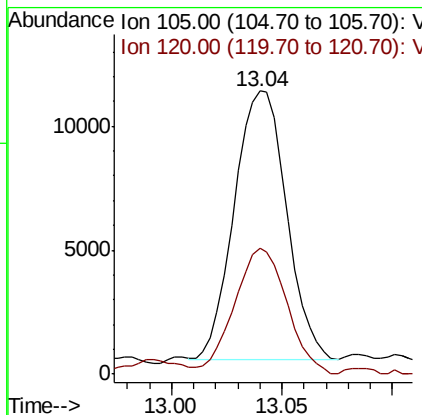
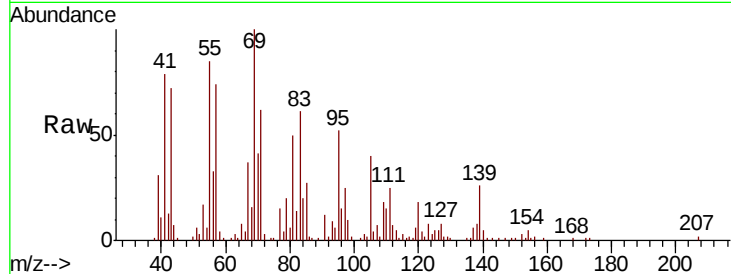
#84
 1,2,4-Trimethylbenzene
 Concen: 0.380 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052859.D
 Acq: 13 Dec 2018 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 057_BT-2-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.9	68.8

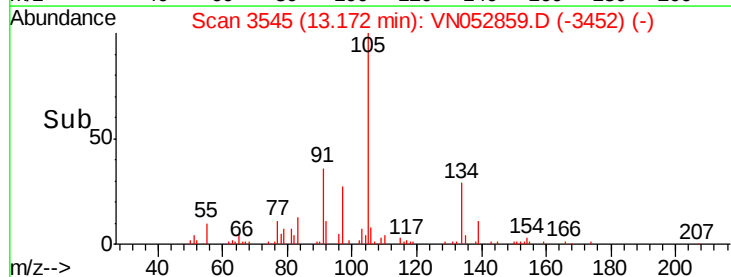
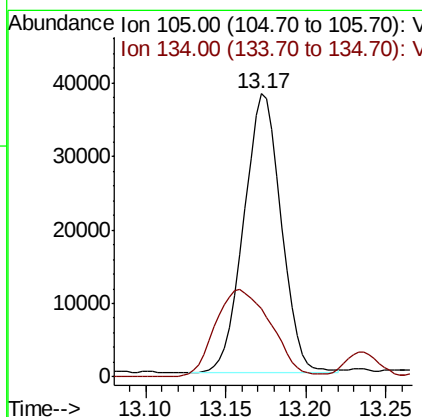
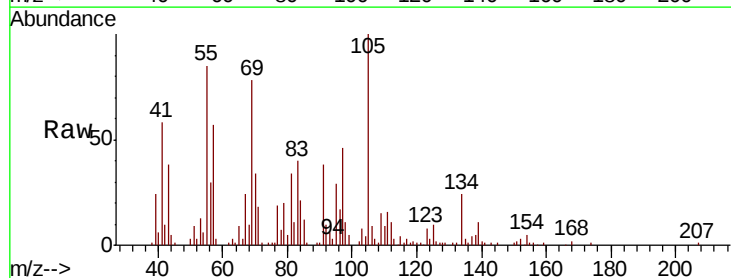
Manual Integrations
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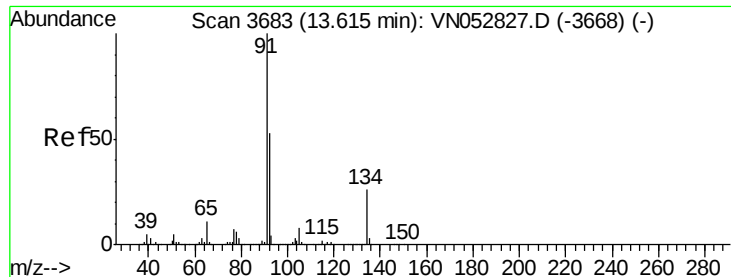
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#85
 sec-Butylbenzene
 Concen: 1.108 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052859.D
 Acq: 13 Dec 2018 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
134	46.6	10.1	30.3#





#89
 n-Butylbenzene
 Concen: 2.164 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052859.D
 Acq: 13 Dec 2018 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 057_BT-2-1

Tot Ion:	91	Resp:	87100
Ion Ratio	Lower	Upper	
91	100		
92	47.6	26.3	78.9
134	0.0	13.3	39.8#

Manual Integrations
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