

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053047.D
 Acq On : 20 Dec 2018 11:01
 Operator : MD\SY
 Sample : J6452-01ME
 Misc : 8.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Manual Integrations
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MMDadoda
 12/21/2018 9:20:46 AM

Quant Time: Dec 21 00:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1139982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1724135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1602791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	742940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	535570	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.59	113	423507	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
50) Toluene-d8	10.09	98	2156629	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	776332	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
16) Acetone	3.82	43	5772	2.545	ug/l	97
39) Methylcyclohexane	9.08	83	162073	8.062	ug/l	99
40) Benzene	8.04	78	447674	9.095	ug/l	100
52) Toluene	10.15	92	8700	0.285	ug/l	99
65) Chlorobenzene	11.43	112	13474293	379.244	ug/l	98
67) Ethyl Benzene	11.51	91	192061	3.143	ug/l	95
68) m/p-Xylenes	11.62	106	18236	0.785	ug/l	83
69) o-Xylene	11.95	106	93782	4.208	ug/l	98
73) Isopropylbenzene	12.25	105	129620	2.230	ug/l	100
78) n-propylbenzene	12.59	91	464888	7.022	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	36217	0.764	ug/l	94
83) tert-Butylbenzene	12.99	119	28940	0.691	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	779512	16.366	ug/l	99
85) sec-Butylbenzene	13.17	105	280425	4.948	ug/l #	65
86) p-Isopropyltoluene	13.29	119	126361	2.580	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	212973m	7.964	ug/l	
88) 1,4-Dichlorobenzene	13.36	146	575693	21.257	ug/l	90
89) n-Butylbenzene	13.62	91	280535	6.658	ug/l #	86
95) Naphthalene	15.13	128	653240	22.997	ug/l	97

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

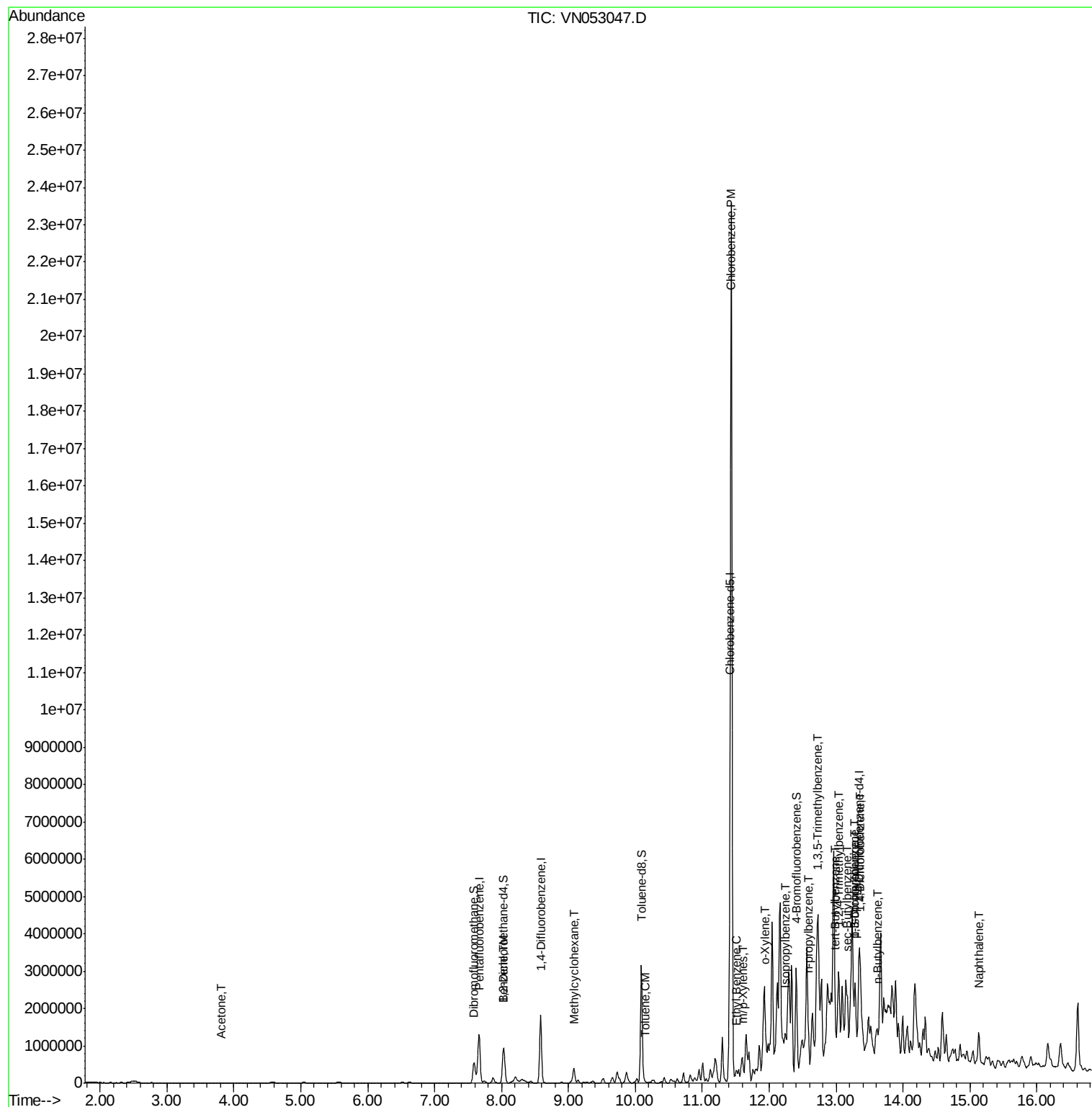
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053047.D
Acq On : 20 Dec 2018 11:01
Operator : MD\SY
Sample : J6452-01ME
Misc : 8.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 28

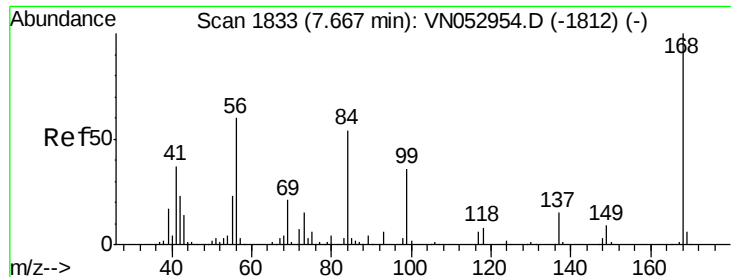
Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Manual Integrations
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12/21/2018 9:20:46 AM

Quant Time: Dec 21 00:38:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 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: VN053047.D

Acq: 20 Dec 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

MIHPT-20(17-20)ME

Tot Ion:168 Resp: 1139982

Ion Ratio Lower Upper

168 100

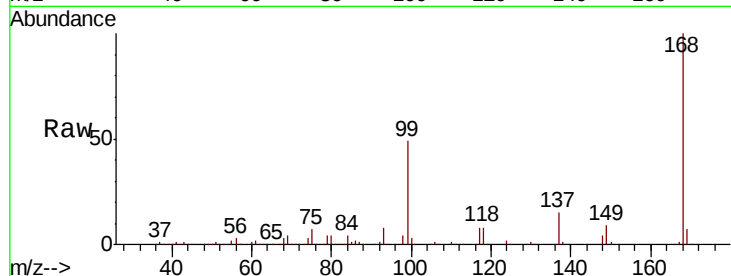
99 48.9 40.2 60.2

Manual Integrations

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12/21/2018 9:20:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

300000

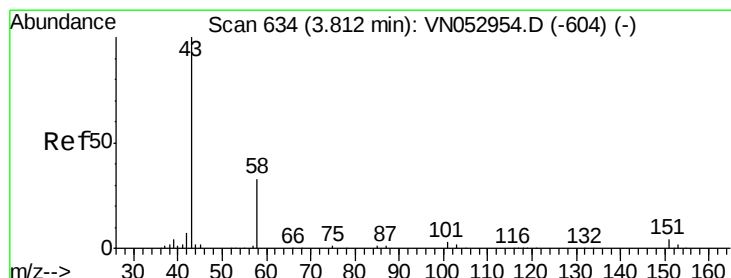
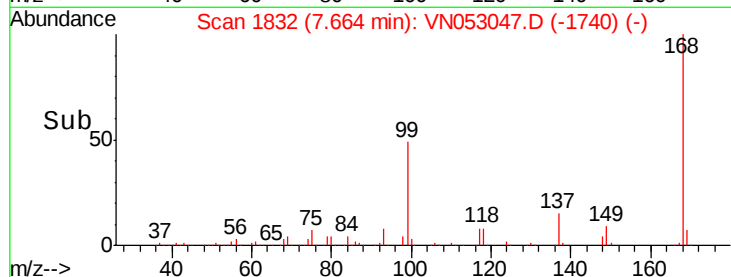
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.545 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053047.D

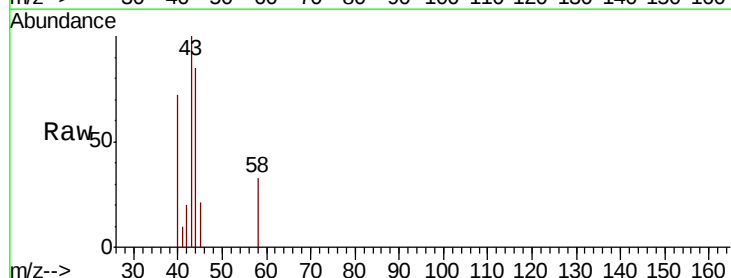
Acq: 20 Dec 2018 11:01

Tgt Ion: 43 Resp: 5772

Ion Ratio Lower Upper

43 100

58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

1500

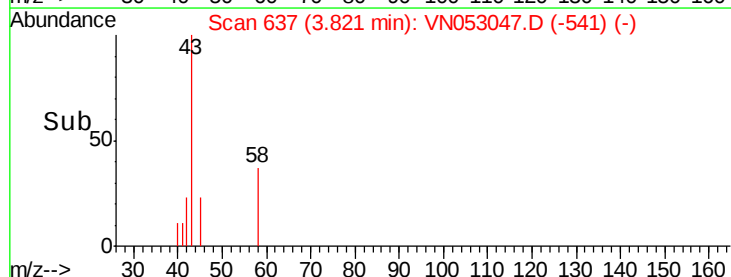
1000

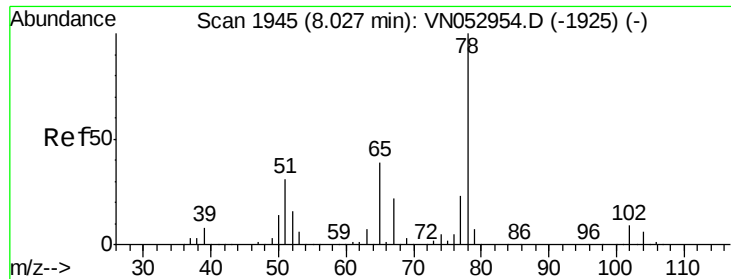
500

0

3.70 3.80 3.90

Time-->





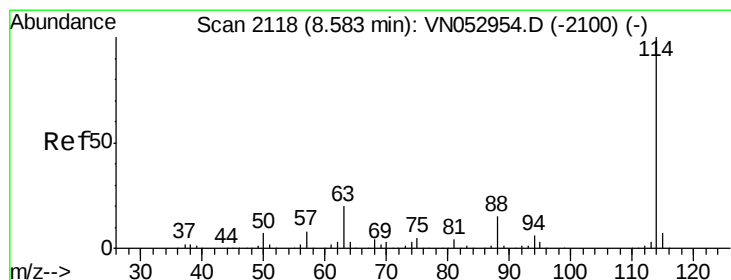
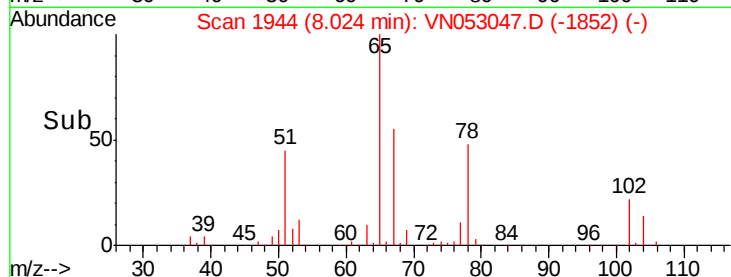
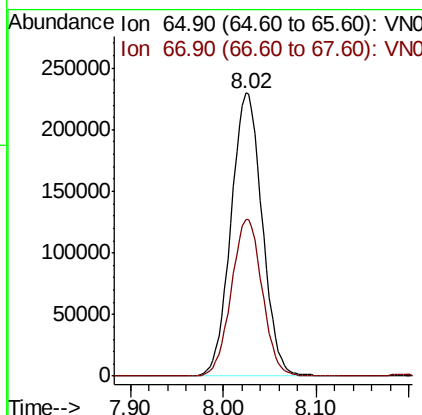
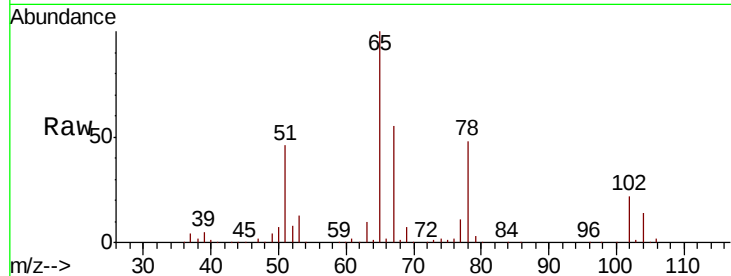
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	53570		
67	55.0	0.0	110.4	

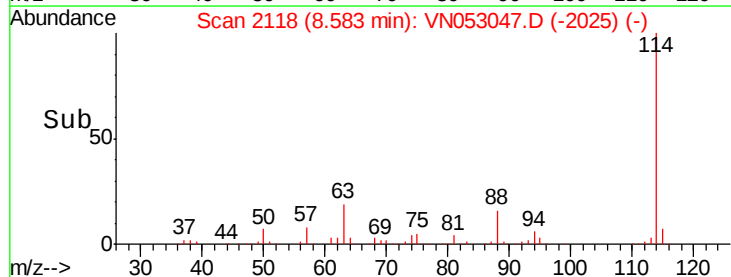
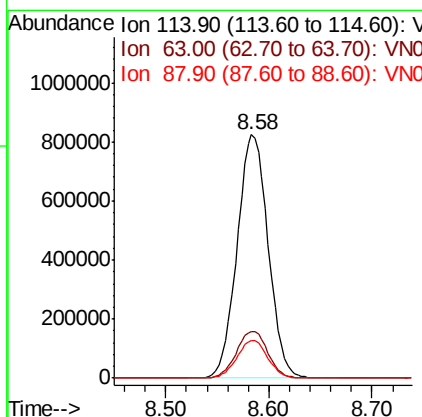
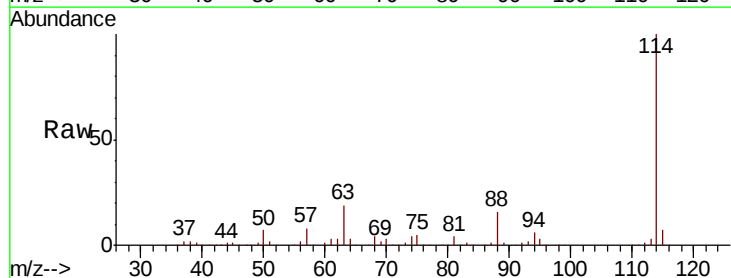
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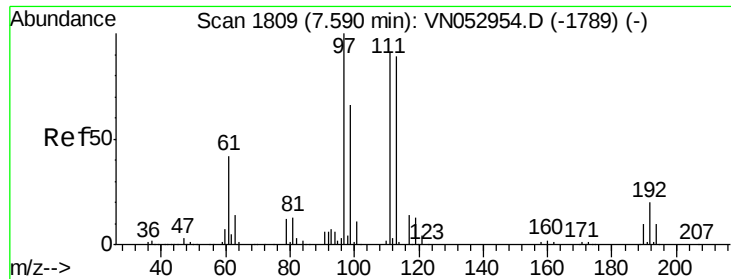
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1724135		
63	19.3	0.0	39.8	
88	15.5	0.0	31.0	





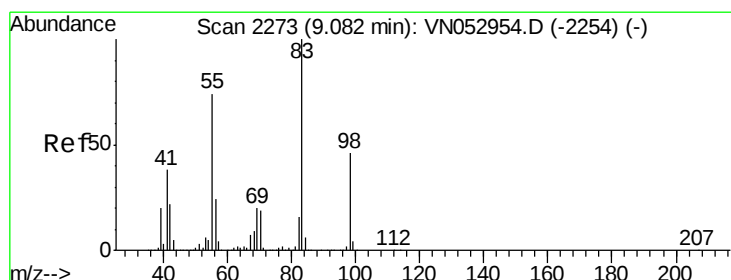
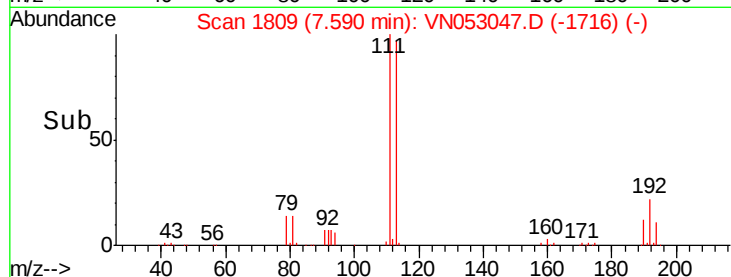
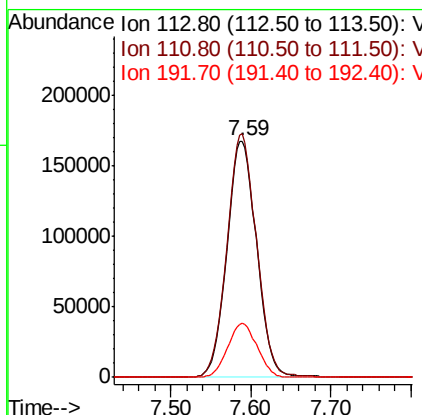
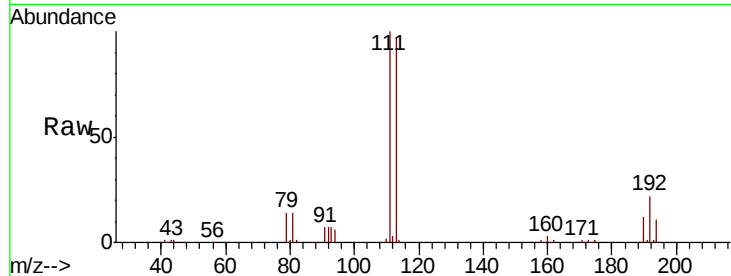
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Tot Ion	Ratio	Resp	Lower	Upper
113	100	423507		
111	102.5	83.0	124.4	
192	22.7	17.5	26.3	

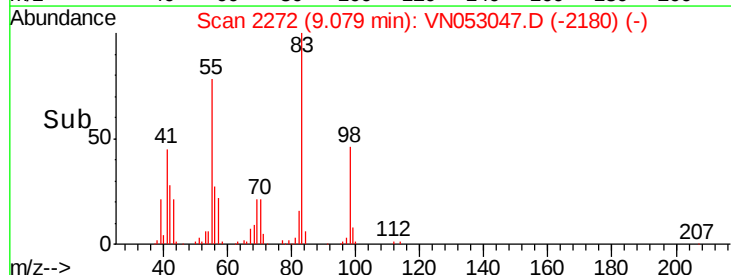
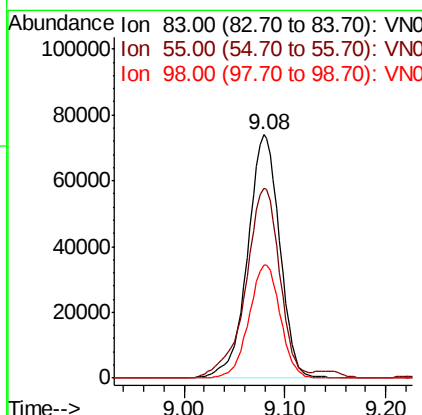
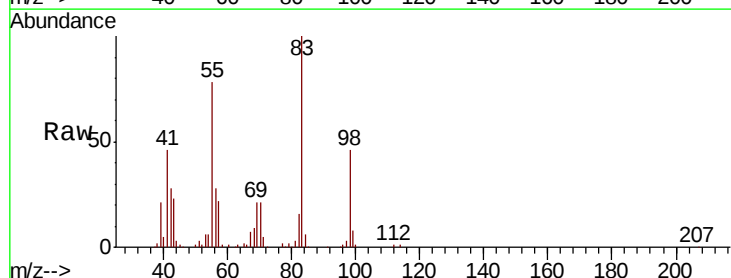
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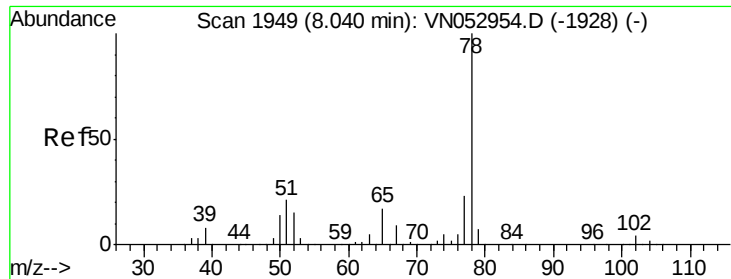
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#39
Methylcyclohexane
Concen: 8.062 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	162073		
55	78.1	61.3	91.9	
98	46.2	37.0	55.4	





#40

Benzene

Concen: 9.095 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053047.D

Acq: 20 Dec 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

MIHPT-20(17-20)ME

Tot Ion: 78 Resp: 447674

Ion Ratio Lower Upper

78 100

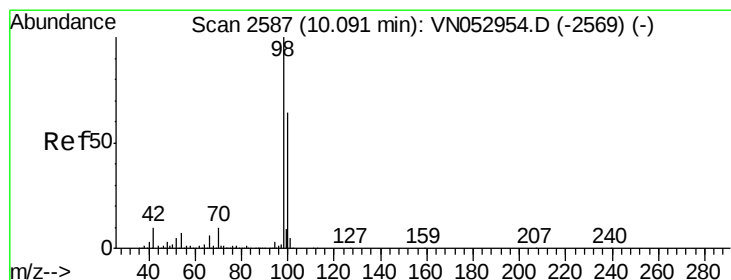
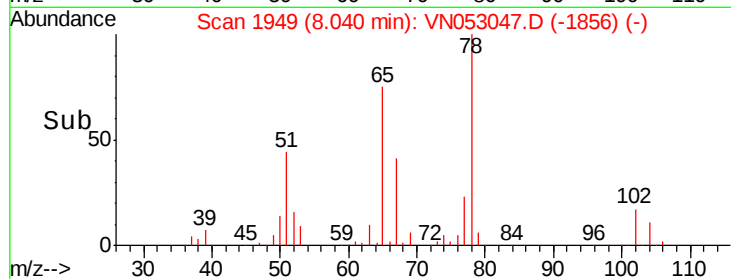
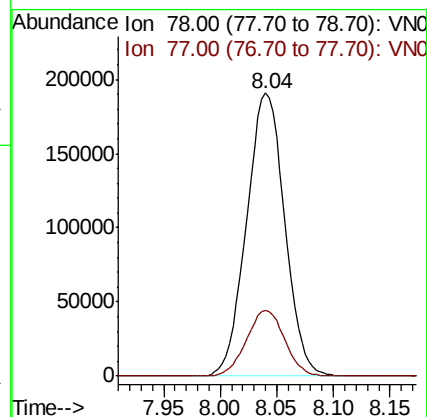
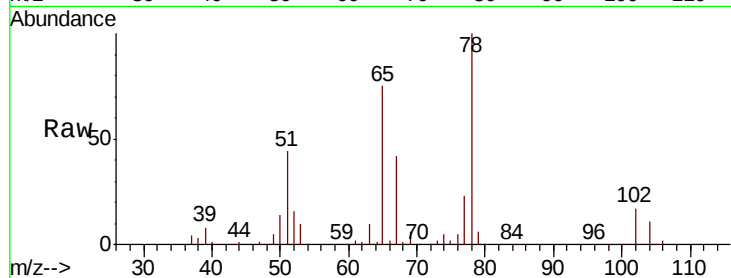
77 23.0 18.5 27.7

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#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053047.D

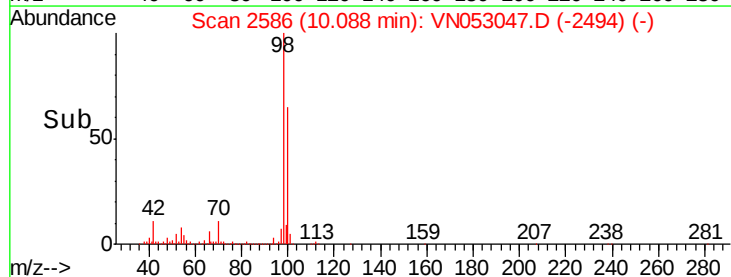
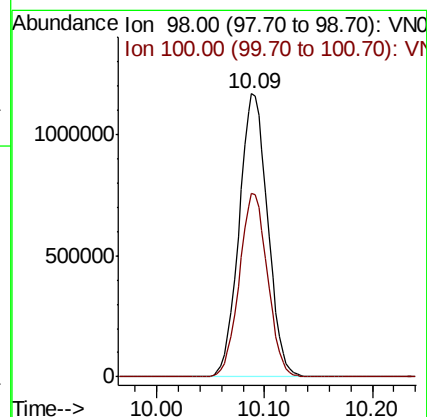
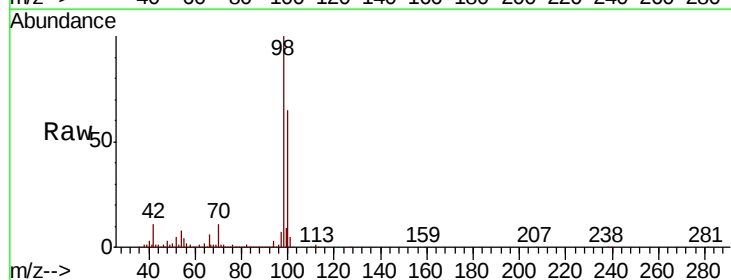
Acq: 20 Dec 2018 11:01

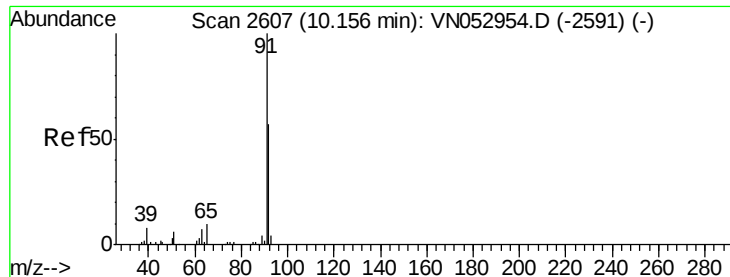
Tgt Ion: 98 Resp: 2156629

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#52

Toluene

Concen: 0.285 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053047.D

Acq: 20 Dec 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

MIHPT-20(17-20)ME

Tot Ion: 92 Resp: 8700

Ion Ratio Lower Upper

92 100

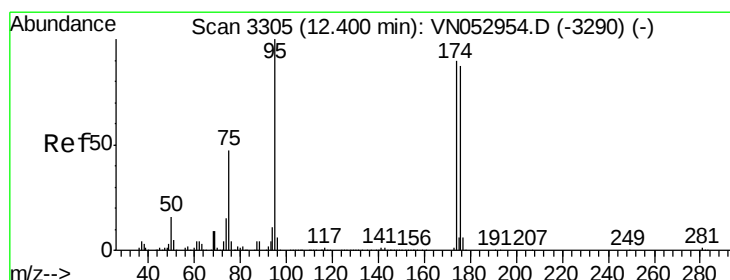
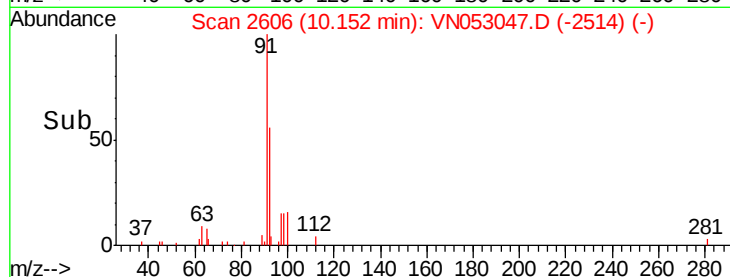
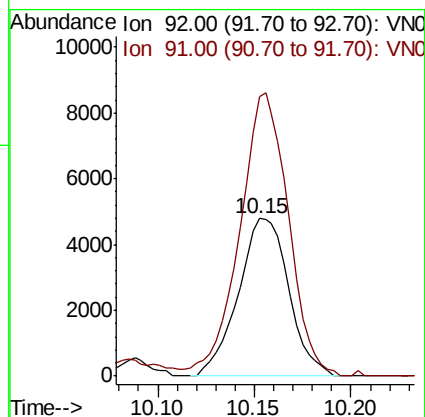
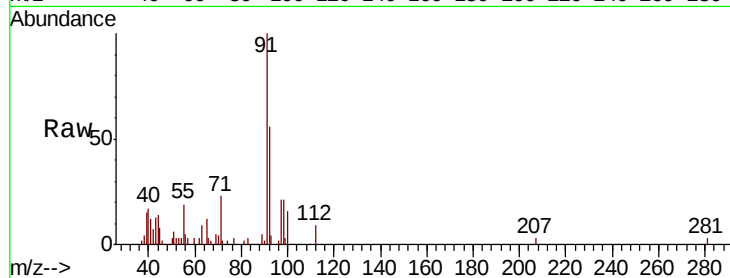
91 173.0 139.8 209.6

Manual Integrations

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12/21/2018 9:20:46 AM



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053047.D

Acq: 20 Dec 2018 11:01

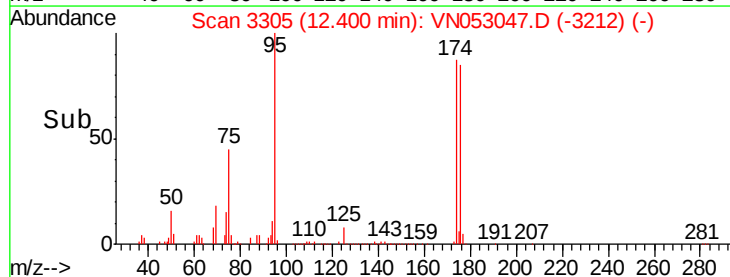
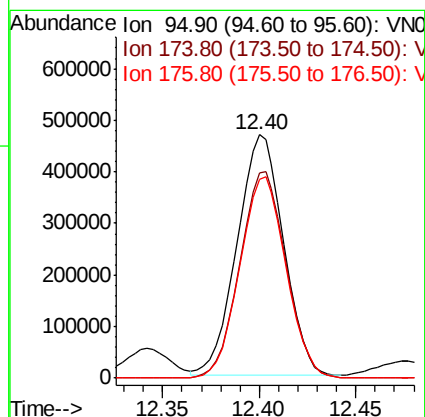
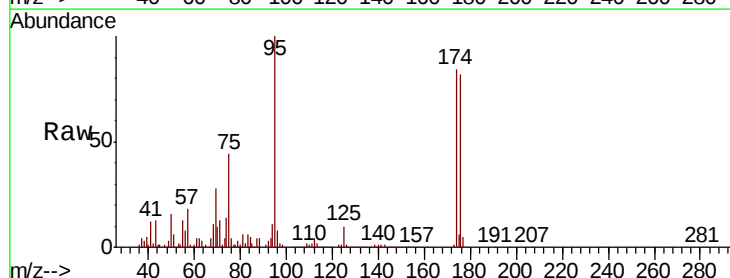
Tgt Ion: 95 Resp: 776332

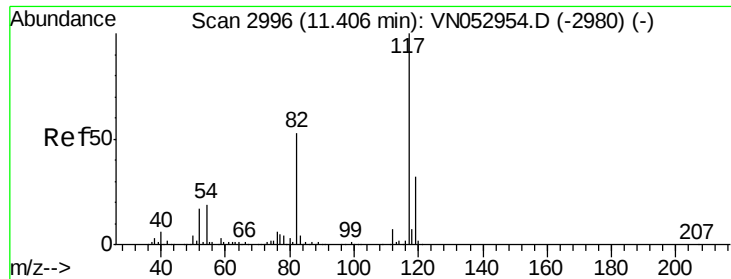
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.8

176 83.6 0.0 173.8





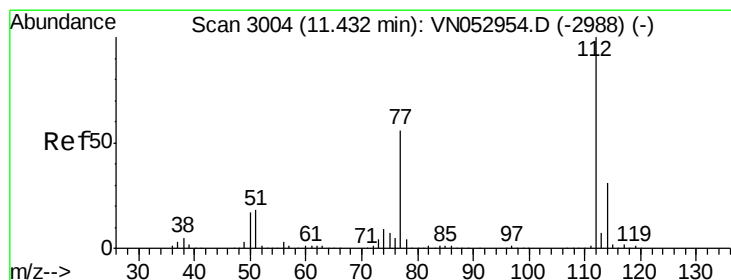
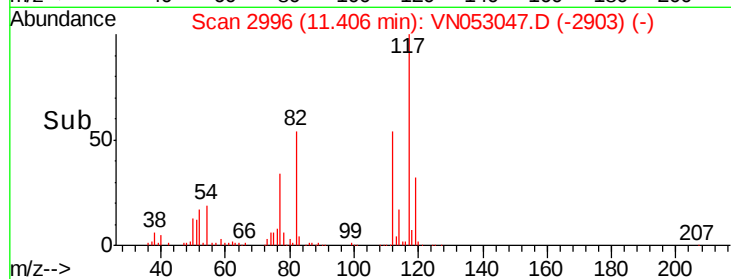
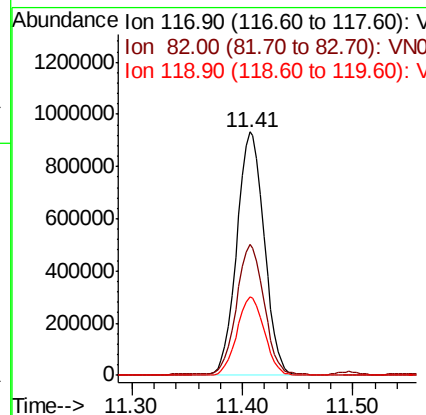
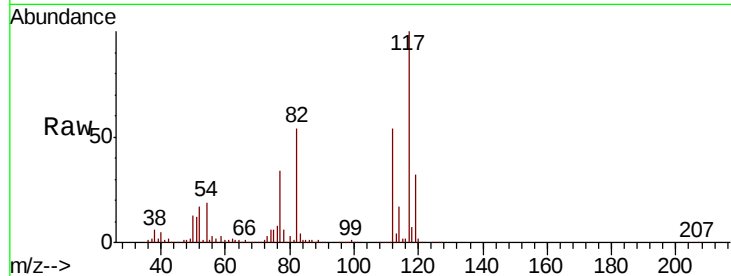
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.8	64.2
119	32.2	25.5	38.3

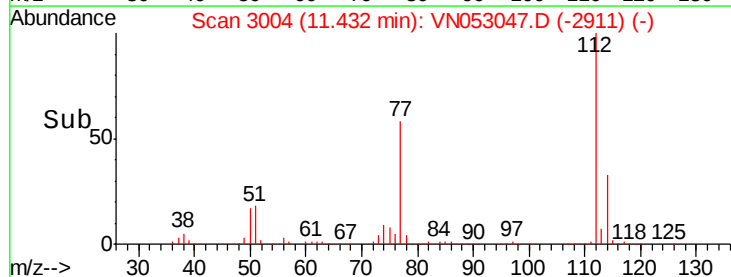
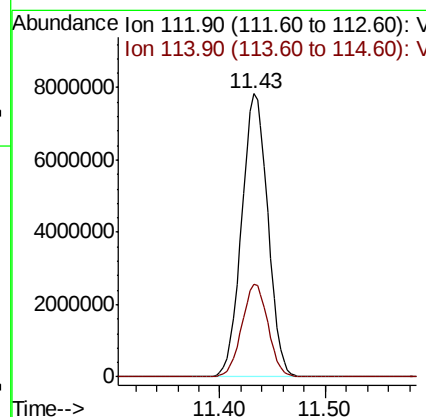
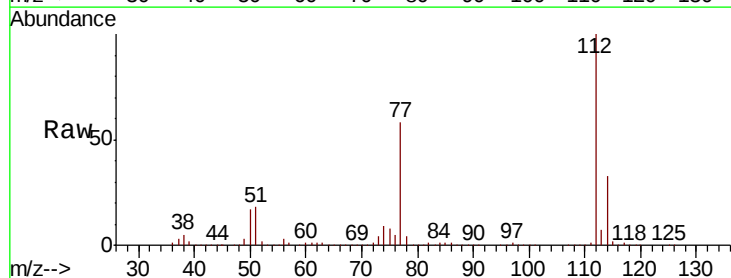
Manual Integrations
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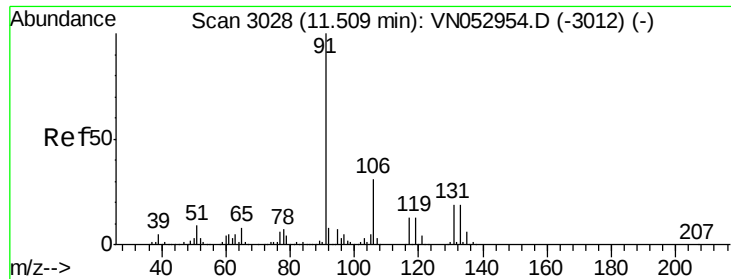
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12/21/2018 9:20:46 AM



#65
Chlorobenzene
Concen: 379.244 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3





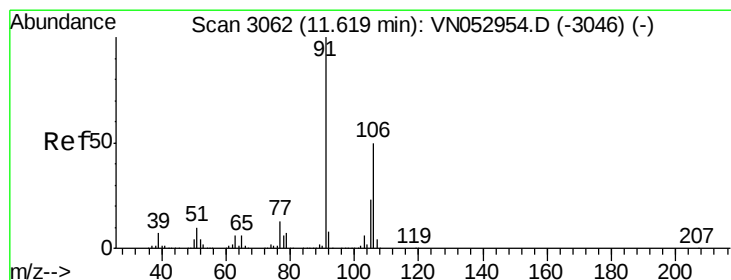
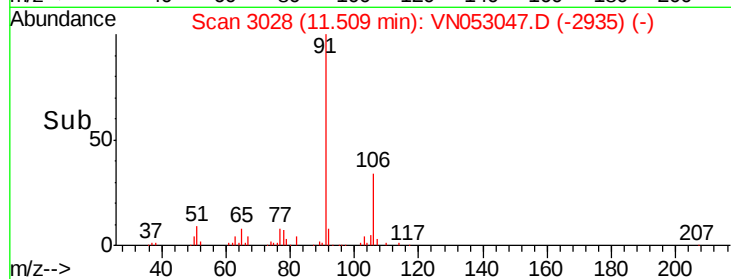
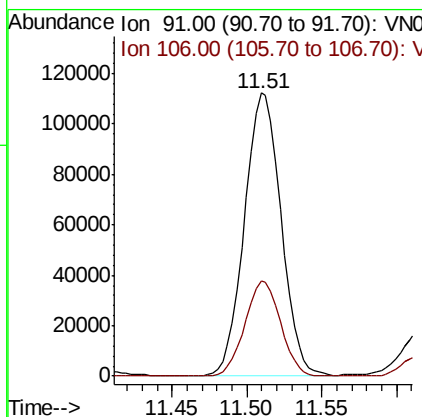
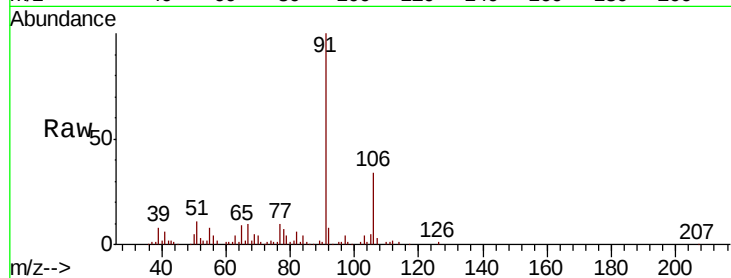
#67
Ethyl Benzene
Concen: 3.143 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		192061		
106	33.8	24.9	37.3		

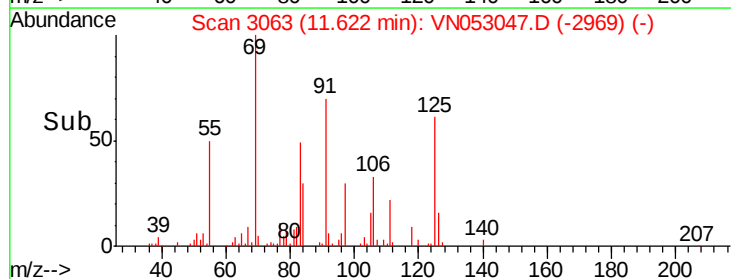
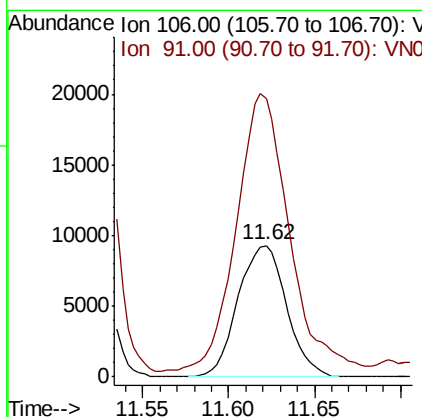
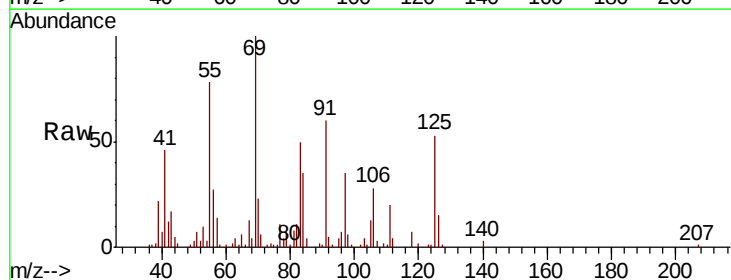
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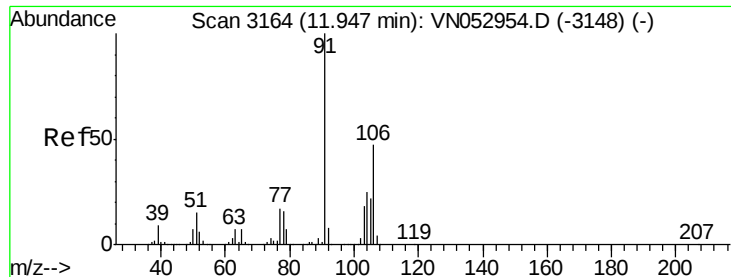
MMDadoda
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#68
m/p-Xylenes
Concen: 0.785 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		18236		
91	229.0	162.2	243.4		





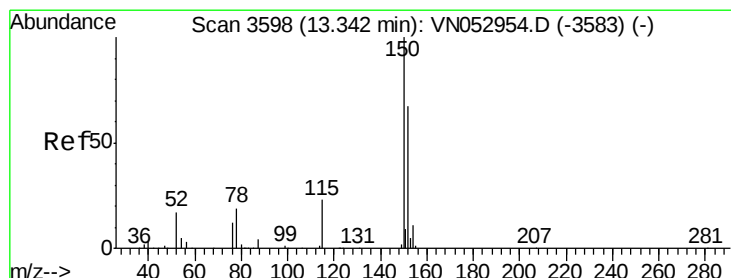
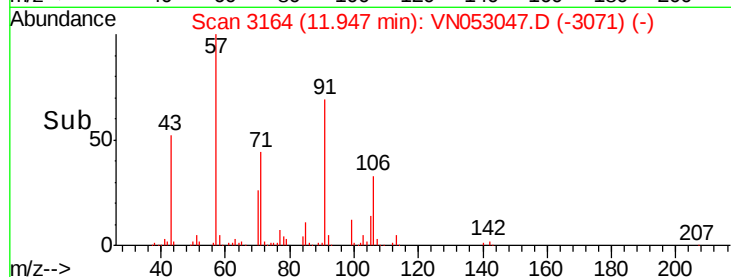
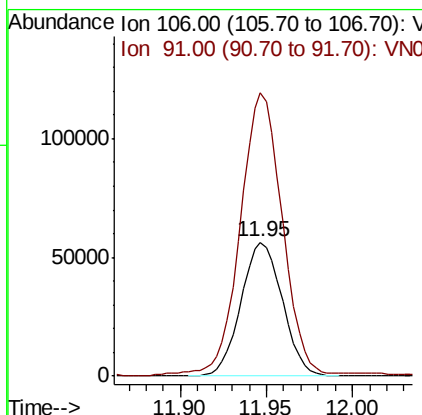
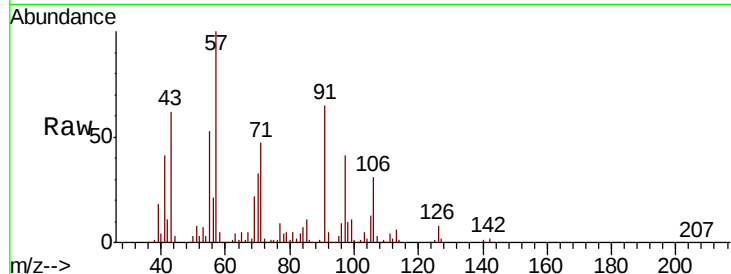
#69
o-Xylene
Concen: 4.208 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Tot Ion:106 Resp: 93782
Ion Ratio Lower Upper
106 100
91 216.5 106.6 319.8

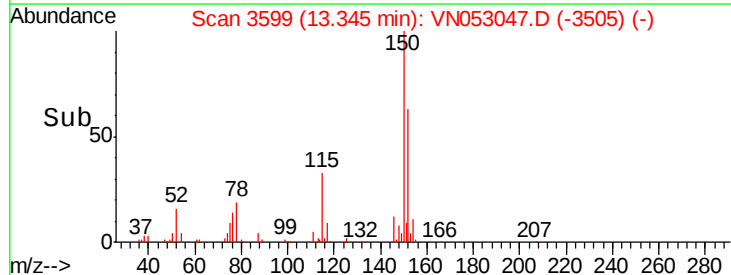
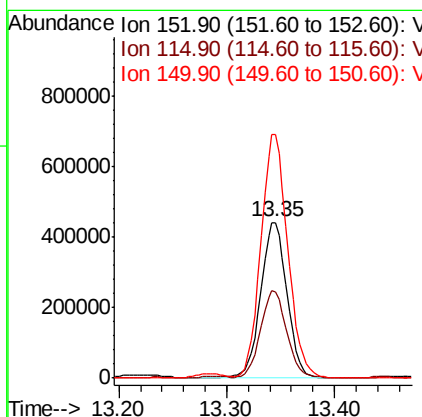
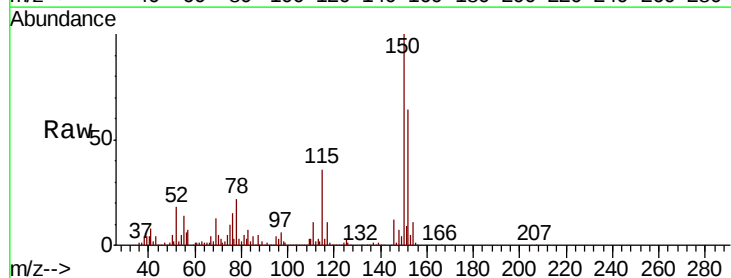
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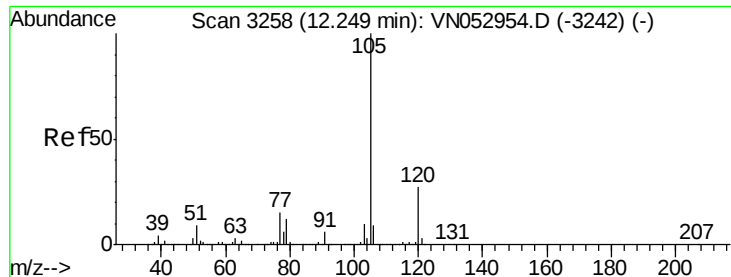
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Tgt Ion:152 Resp: 742940
Ion Ratio Lower Upper
152 100
115 56.0 28.3 85.0
150 160.0 0.0 347.8





#73

Isopropylbenzene

Concen: 2.230 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053047.D

Acq: 20 Dec 2018 11:01

Instrument :

MSVOA_N

ClientSampleId :

MIHPT-20(17-20)ME

Tot Ion: 105 Resp: 129620

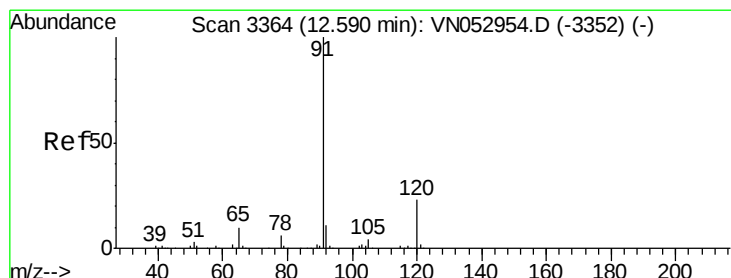
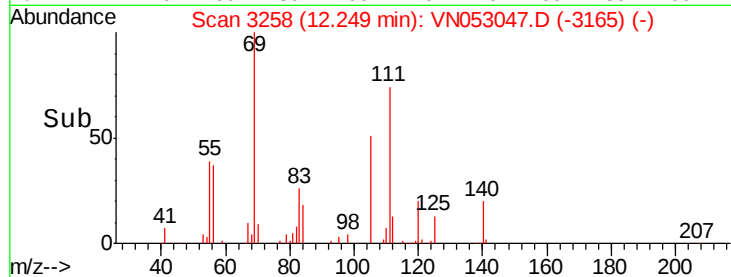
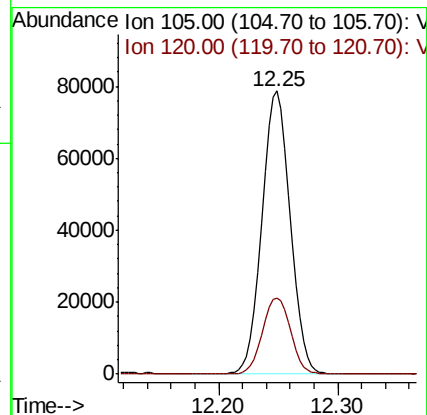
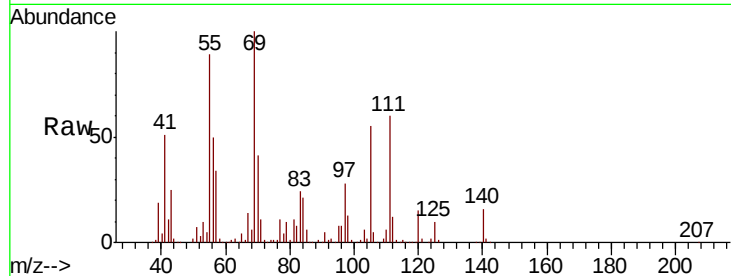
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9

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#78

n-propylbenzene

Concen: 7.022 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053047.D

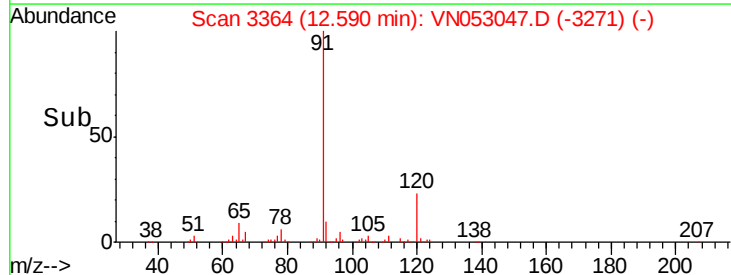
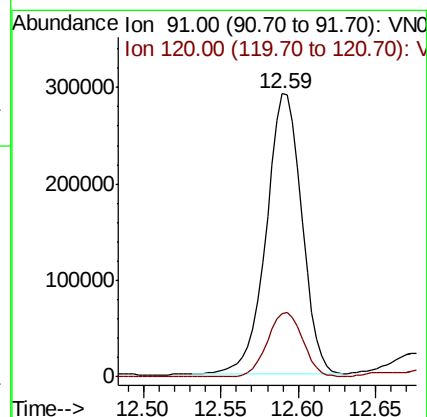
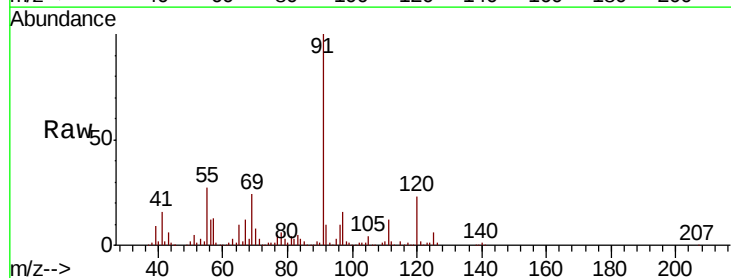
Acq: 20 Dec 2018 11:01

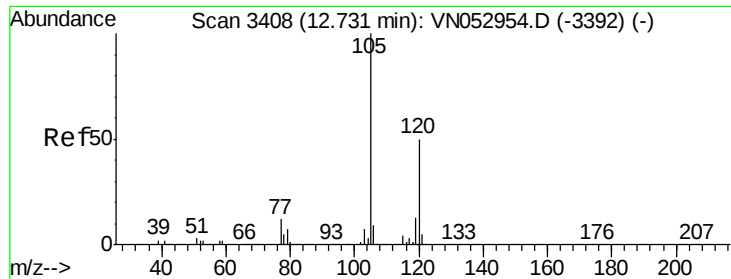
Tgt Ion: 91 Resp: 464888

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5





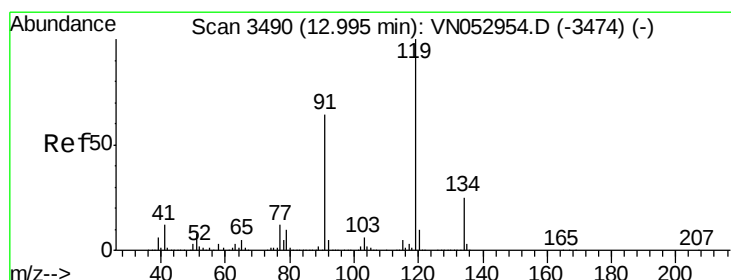
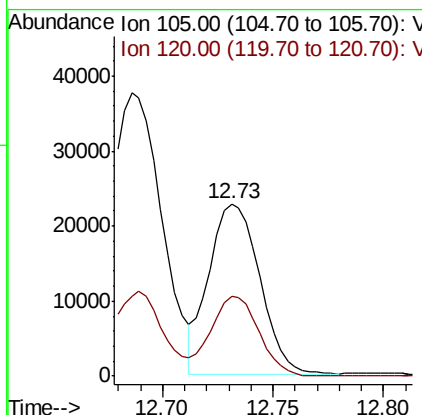
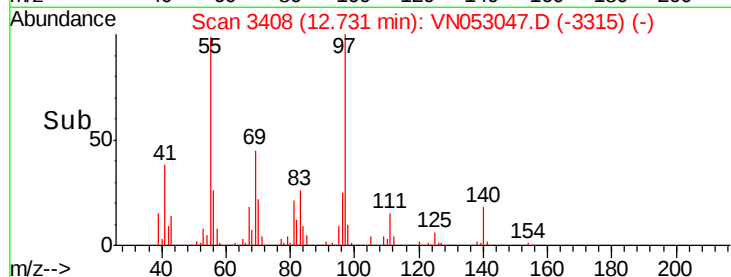
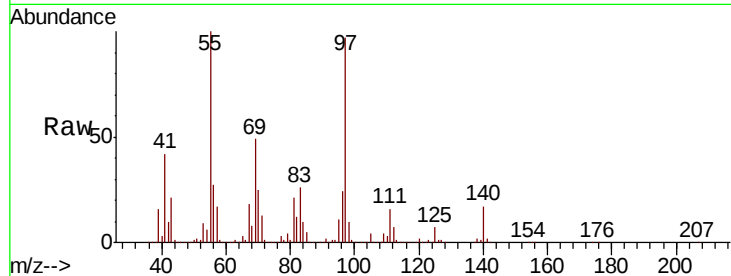
#80
 1,3,5-Trimethylbenzene
 Concen: 0.764 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.4	24.4	73.2

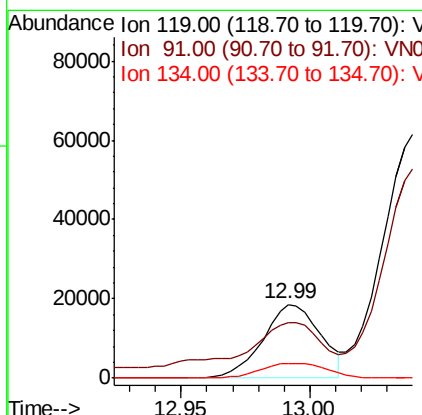
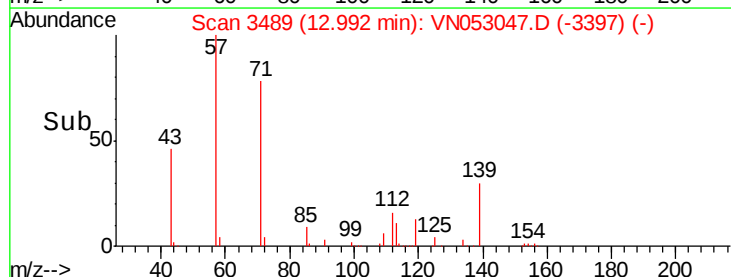
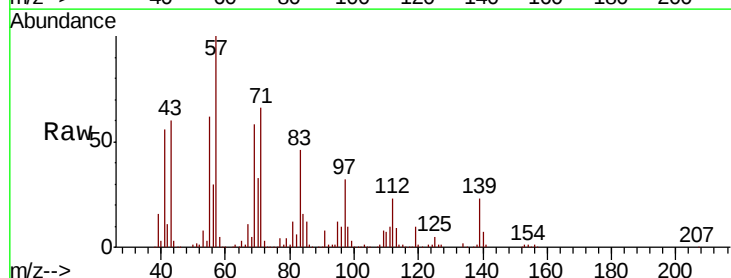
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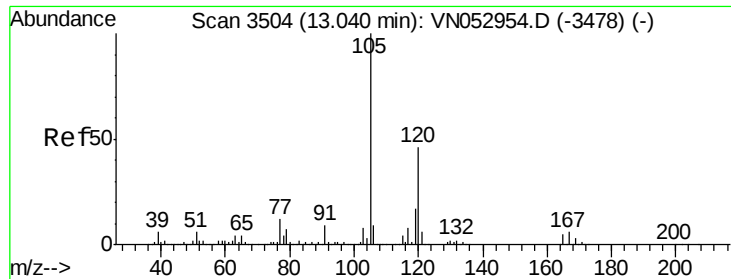
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#83
 tert-Butylbenzene
 Concen: 0.691 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	76.0	31.9	95.5
134	22.7	12.8	38.4





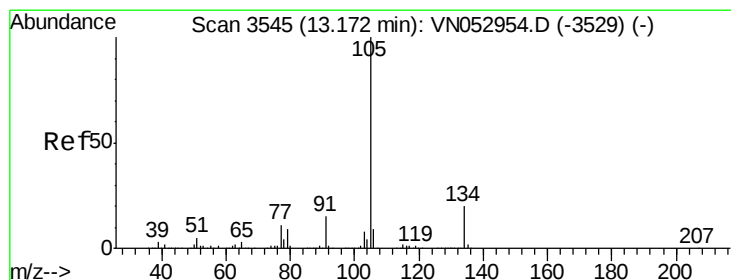
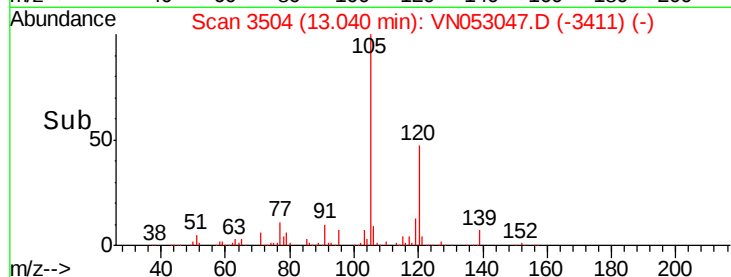
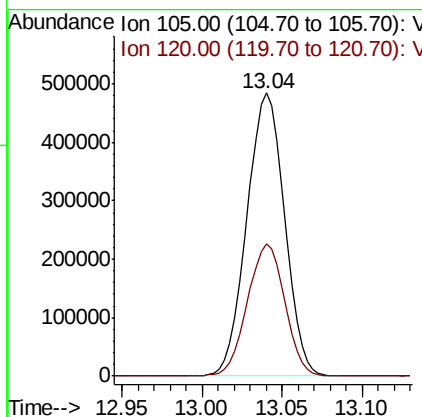
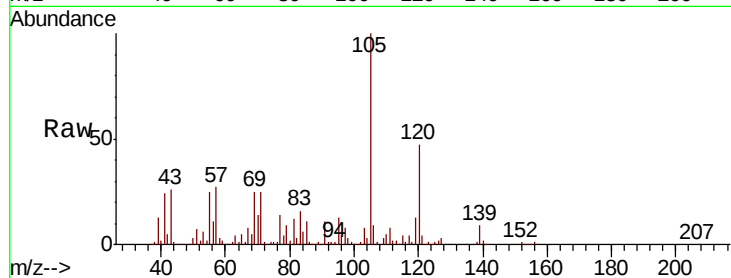
#84
 1,2,4-Trimethylbenzene
 Concen: 16.366 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8

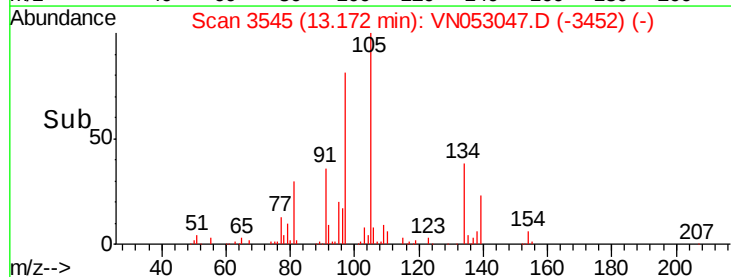
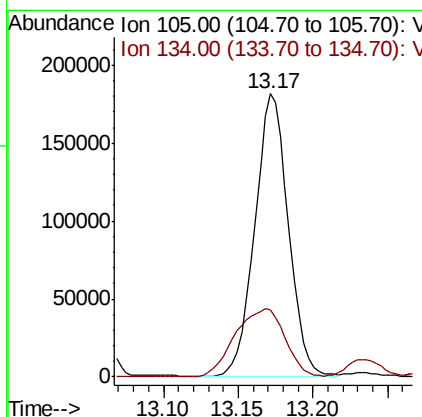
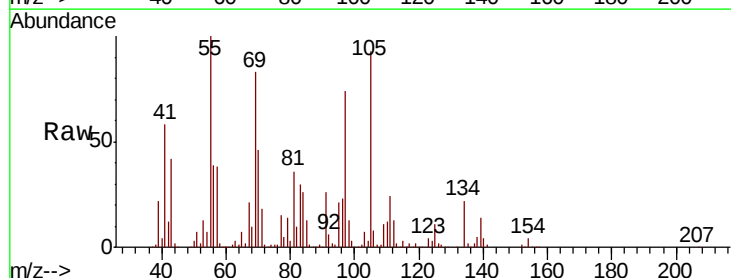
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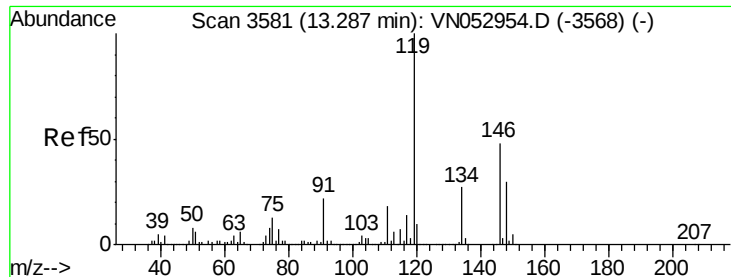
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#85
 sec-Butylbenzene
 Concen: 4.948 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	36.2	10.1	30.3





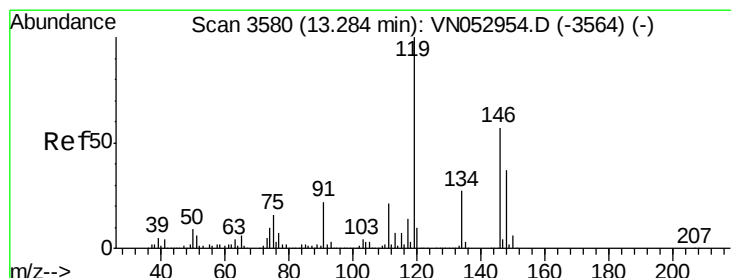
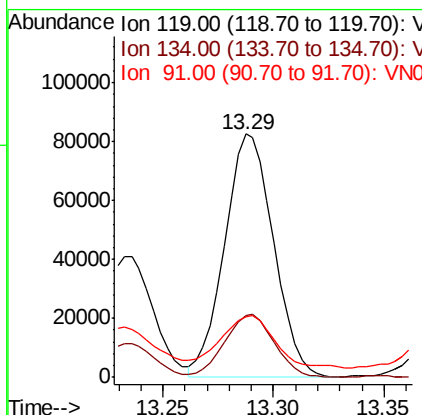
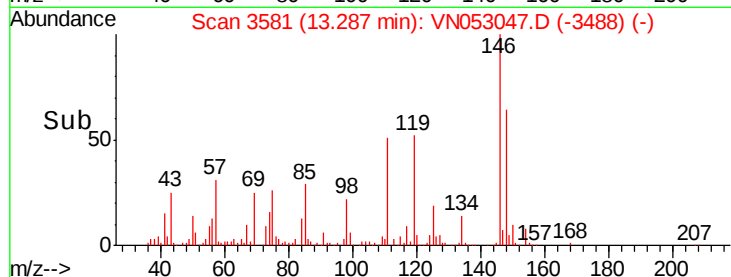
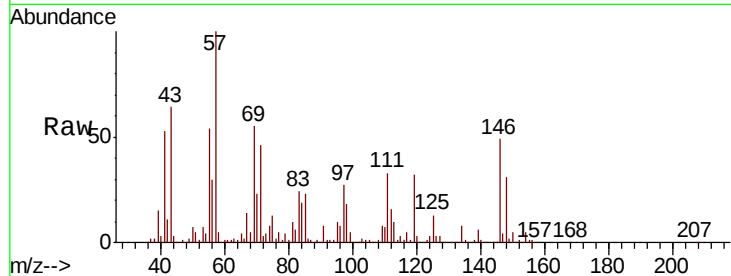
#86
 p-Isopropyltoluene
 Concen: 2.580 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.2
91	23.2	11.1	33.3

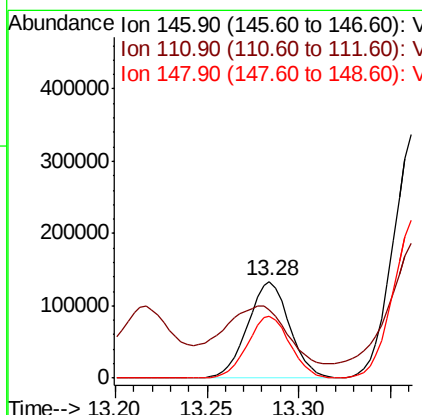
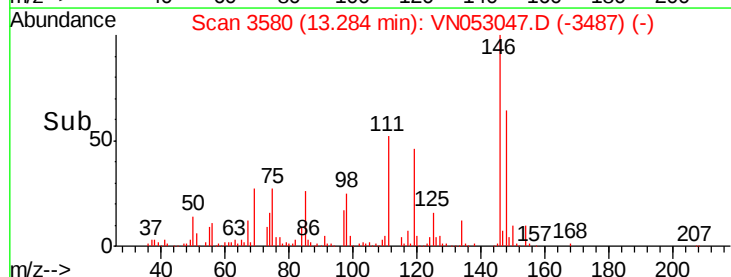
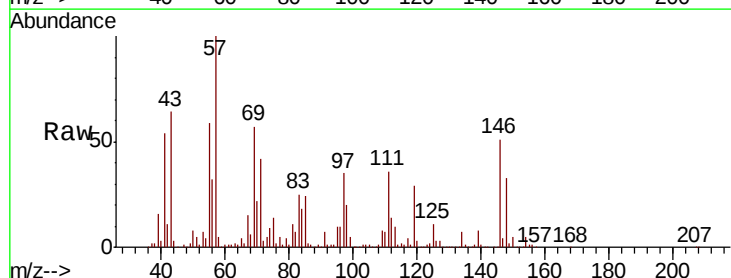
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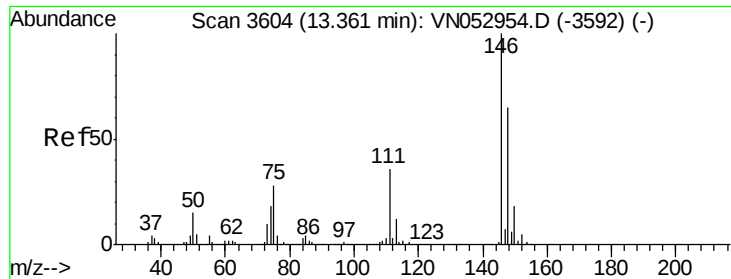
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 7.964 ug/l m
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	144.1	19.1	57.1#
148	174.6	32.0	96.0#





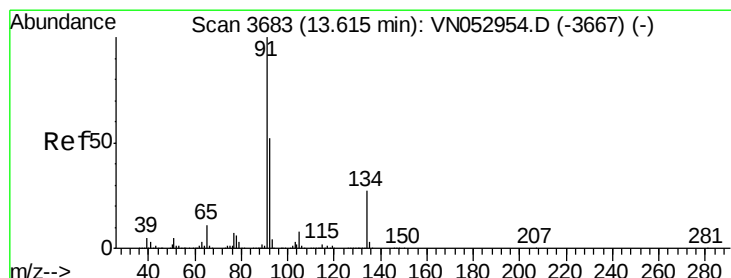
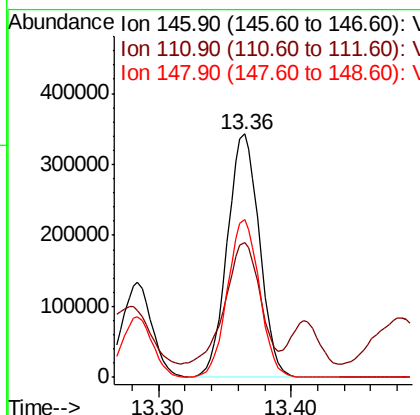
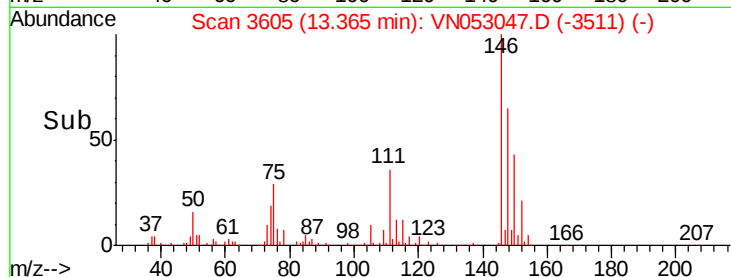
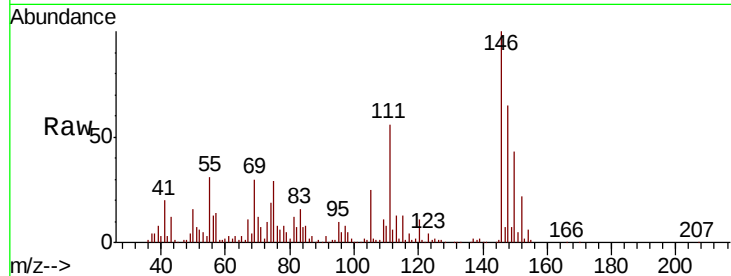
#88
 1,4-Dichlorobenzene
 Concen: 21.257 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MIHPT-20(17-20)ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	53.3	18.6	55.8
148	64.6	32.1	96.5

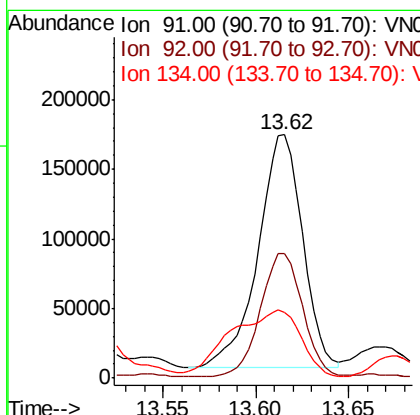
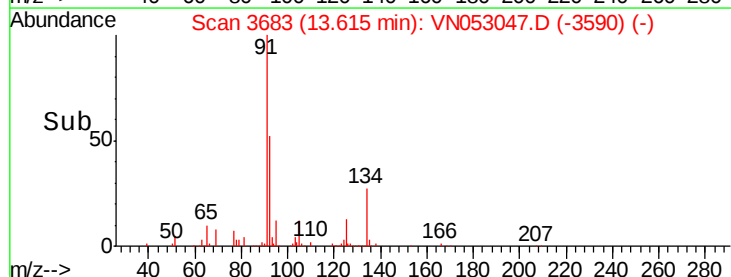
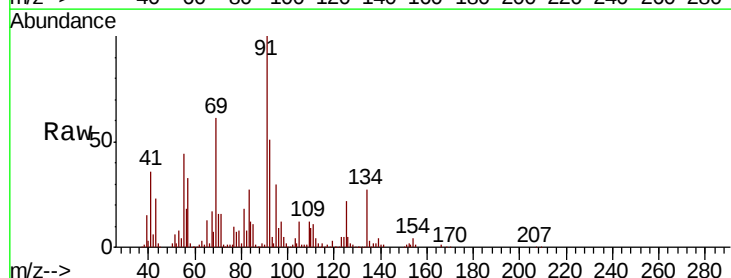
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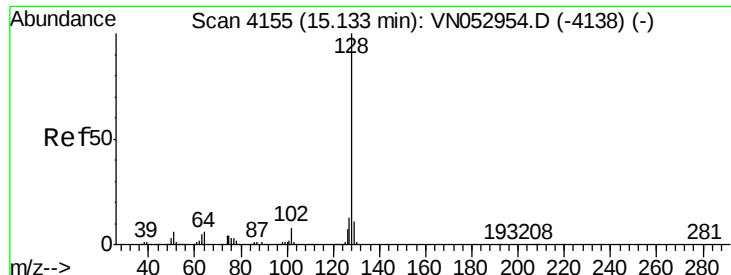
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 12/21/2018 9:20:46 AM



#89
 n-Butylbenzene
 Concen: 6.658 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053047.D
 Acq: 20 Dec 2018 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.3	78.9
134	44.6	13.3	39.8





#95
Naphthalene
Concen: 22.997 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053047.D
Acq: 20 Dec 2018 11:01

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)ME

Tot Ion	Ratio	Resp	Lower	Upper
128	100	653240		
127	14.5		10.2	15.4
129	11.1		8.6	13.0

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