

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051133.D
 Acq On : 11 Sep 2018 17:40
 Operator : MD\SY
 Sample : J4849-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:07:29 AM

Quant Time: Sep 12 04:13:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	713125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	959115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417117	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	411576	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
35) Dibromofluoromethane	7.59	113	401954	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1501944	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	481137	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	12254	0.85	ug/l	100
17) Carbon Disulfide	4.05	76	10460	0.58	ug/l	# 94
27) cis-1,2-Dichloroethene	6.84	96	6394	0.71	ug/l	93
44) Trichloroethene	8.83	130	3211	0.33	ug/l	99
69) o-Xylene	11.95	106	15904	1.09	ug/l	79
73) Isopropylbenzene	12.25	105	551360	15.76	ug/l	100
78) n-propylbenzene	12.59	91	1054502	27.43	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	301365	10.66	ug/l	99
83) tert-Butylbenzene	12.99	119	354115	14.18	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	8035697	288.97	ug/l	100
85) sec-Butylbenzene	13.17	105	1402509	43.80	ug/l	83
86) p-Isopropyltoluene	13.29	119	548701	20.21	ug/l	100
89) n-Butylbenzene	13.61	91	281678m	13.33	ug/l	
95) Naphthalene	15.13	128	27737	6.92	ug/l	96

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

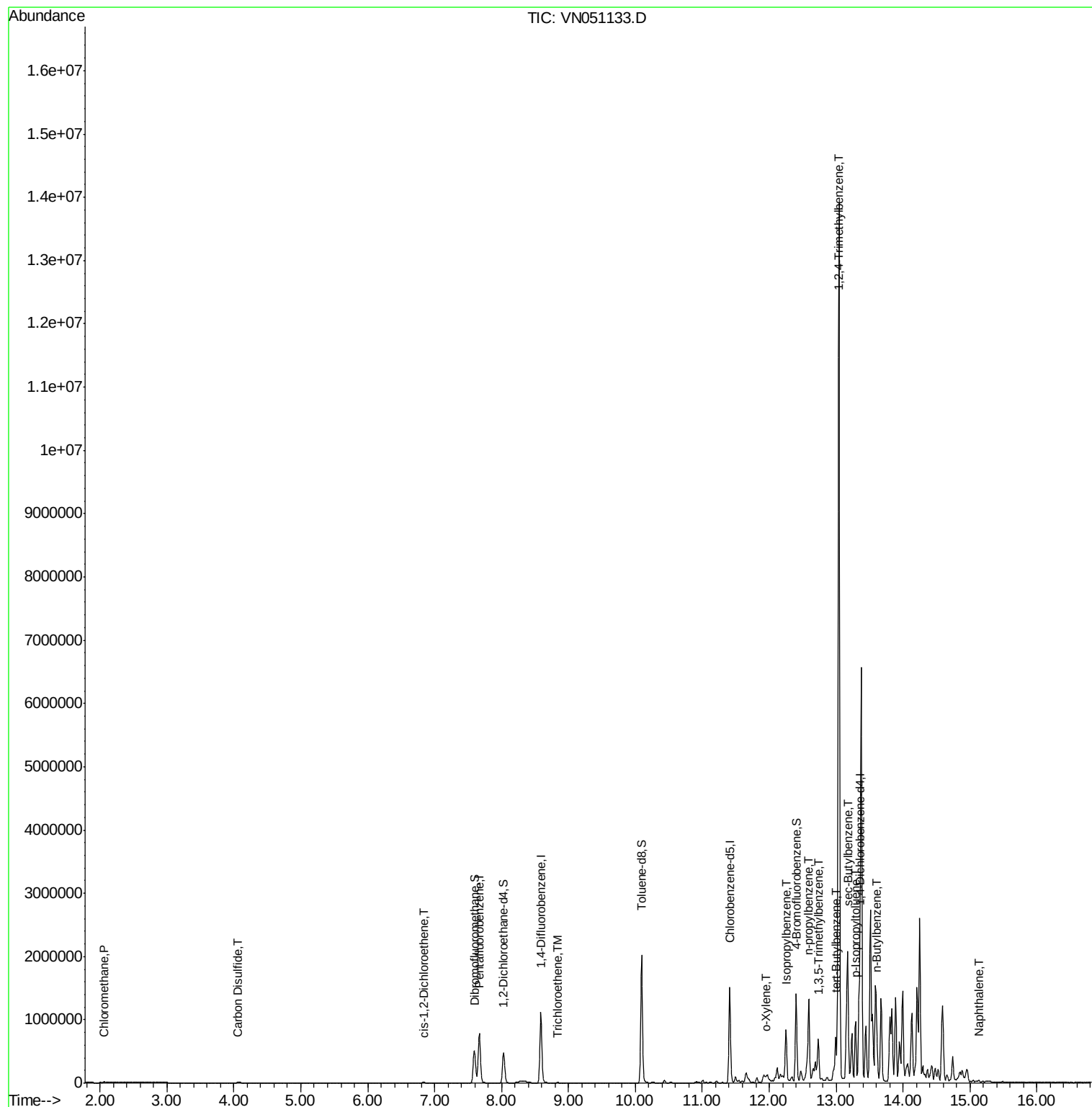
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051133.D
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ALS Vial : 25 Sample Multiplier: 1

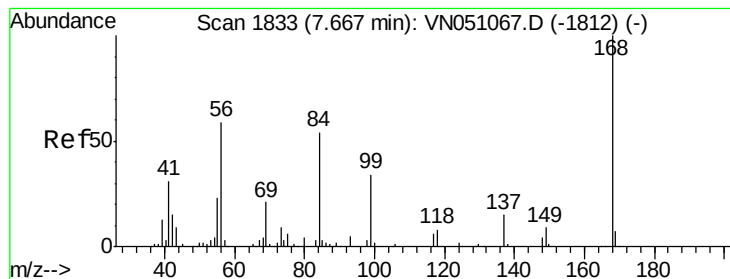
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H

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Quant Time: Sep 12 04:13:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

Tot Ion:168 Resp: 713125

Ion Ratio Lower Upper

168 100

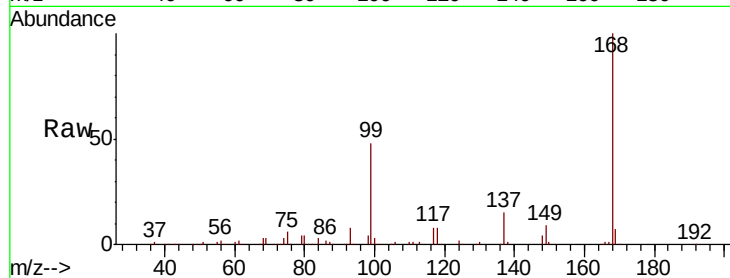
99 47.9 38.3 57.5

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Abundance Ion 167.90 (167.60 to 168.60): VN051133.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051133.D (-1740) (-)

7.67

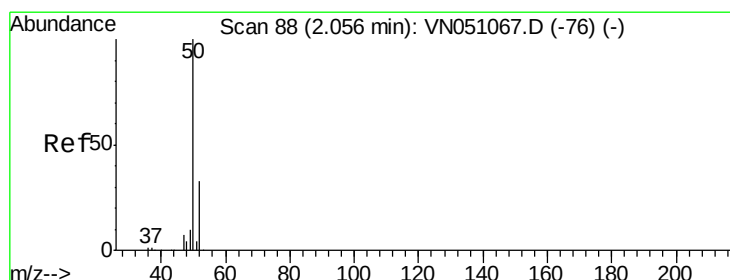
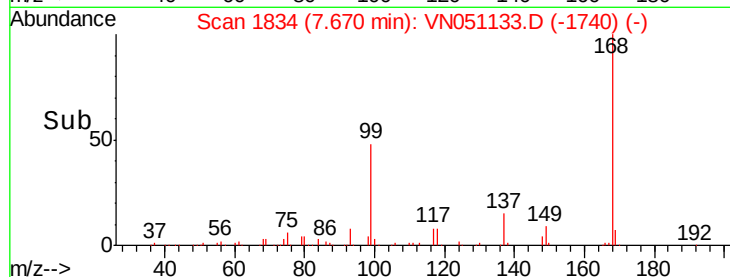
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.85 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051133.D

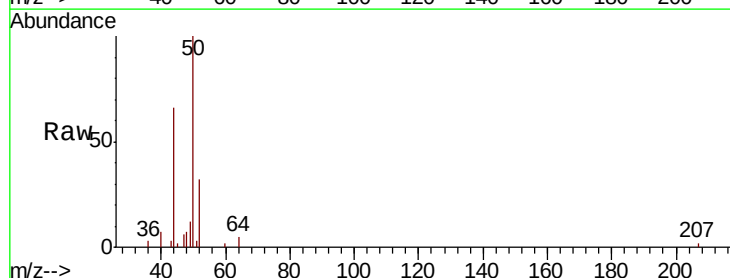
Acq: 11 Sep 2018 17:40

Tgt Ion: 50 Resp: 12254

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN051133.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051133.D (-1) (-)

2.06

10000

8000

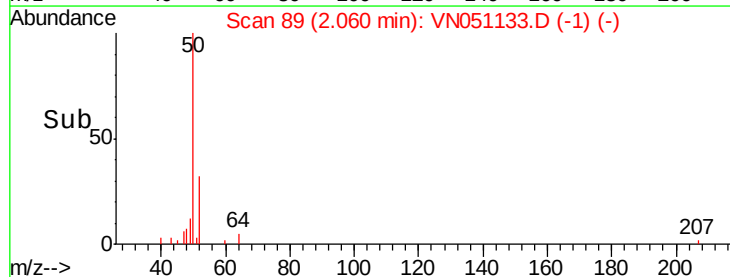
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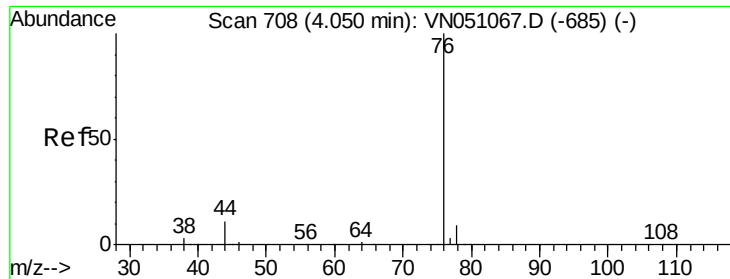
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 0.58 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H

Tot Ion: 76 Resp: 10460

Ion Ratio Lower Upper

76 100

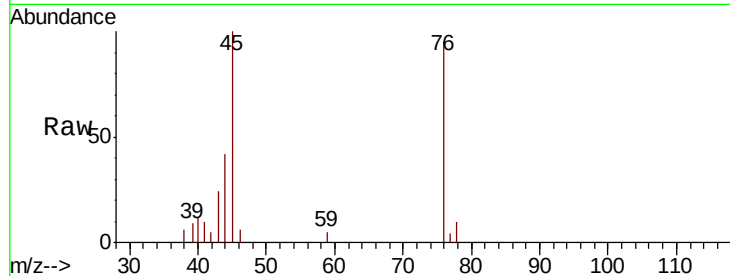
78 11.0 7.0 10.6#

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Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

4.05

4000

3000

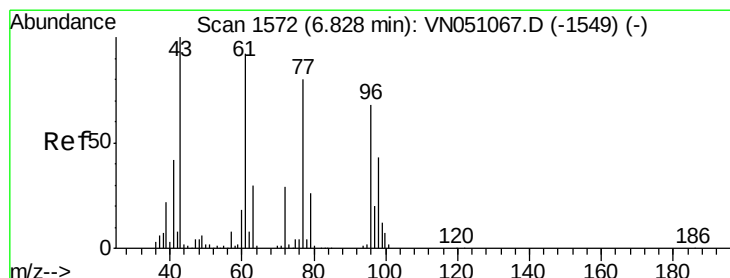
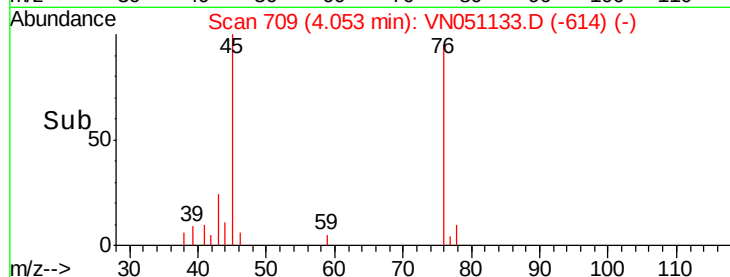
2000

1000

0

Time-->

4.00 4.05 4.10



#27

cis-1,2-Dichloroethene

Concen: 0.71 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

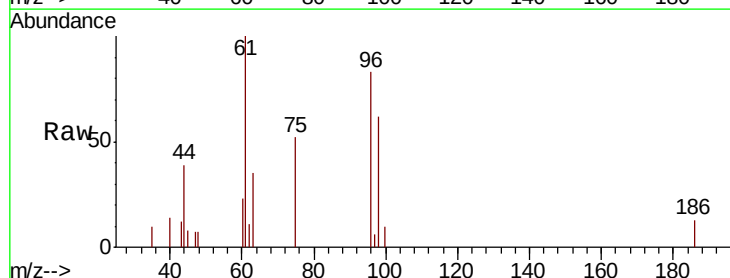
Tgt Ion: 96 Resp: 6394

Ion Ratio Lower Upper

96 100

61 129.0 0.0 278.2

98 67.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051067.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051067.D (-1549) (-)

6.84

4000

3000

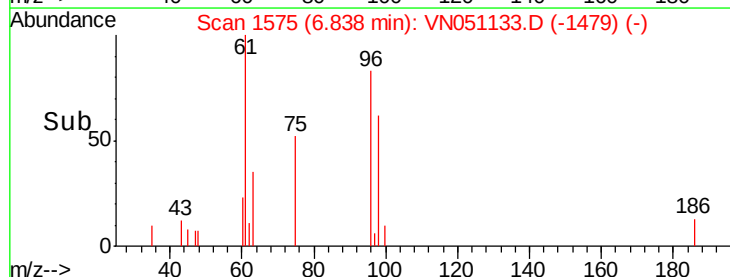
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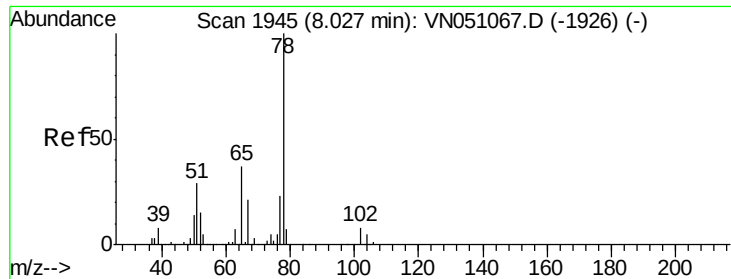
1000

0

Time-->

6.75 6.80 6.85 6.90





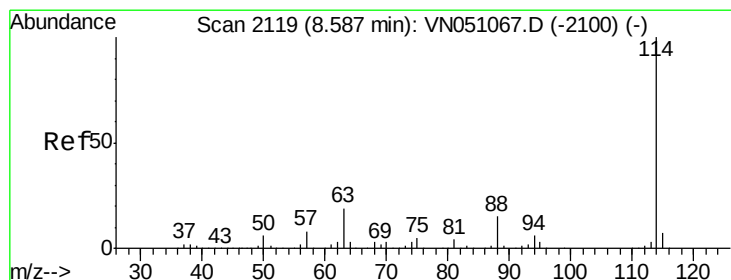
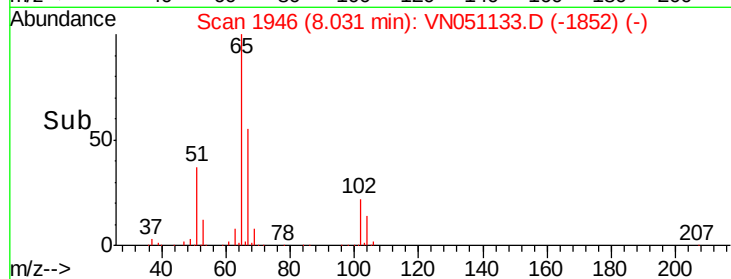
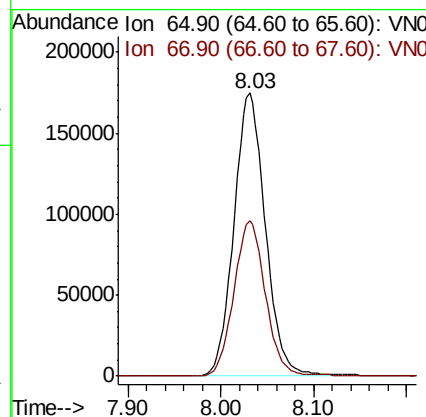
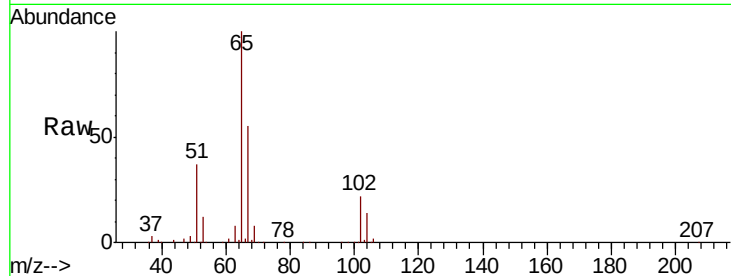
#33
 1,2-Dichloroethane-d4
 Concen: 51.86 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	112.0	

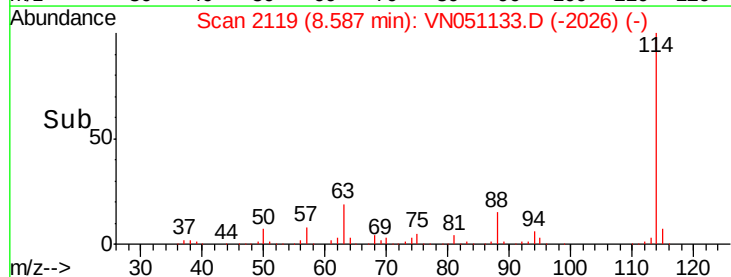
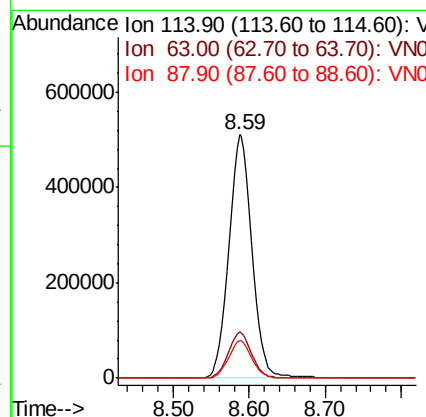
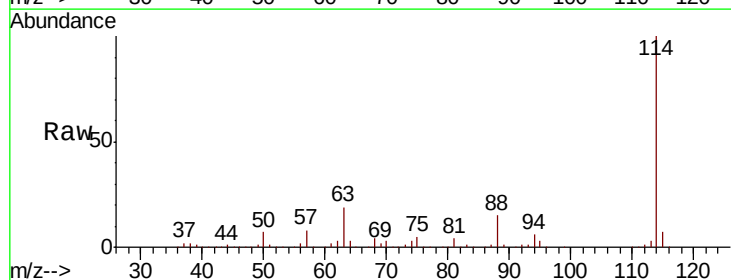
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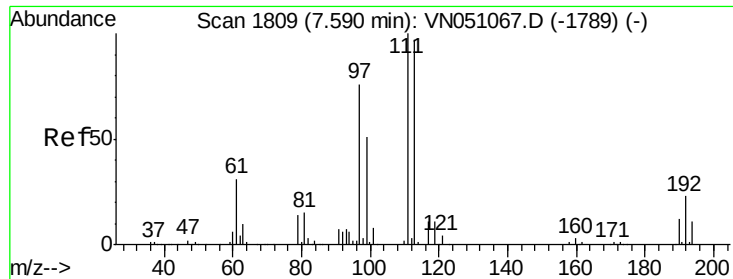
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	37.8	
88	15.3	0.0	30.8	





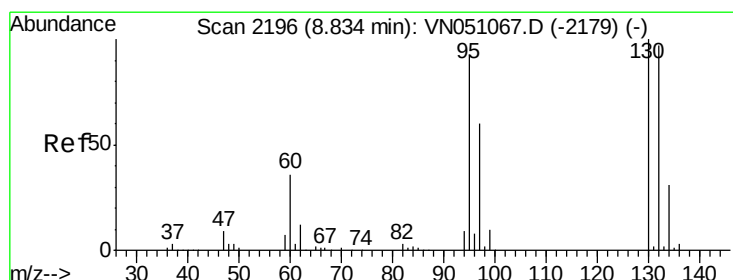
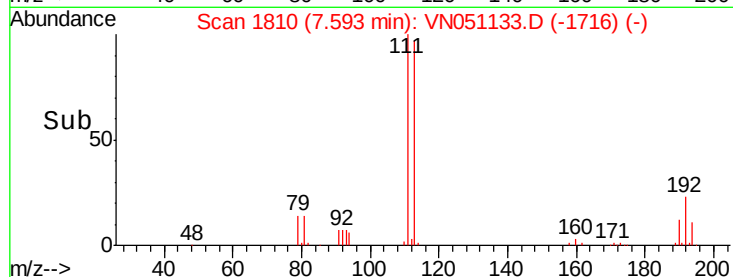
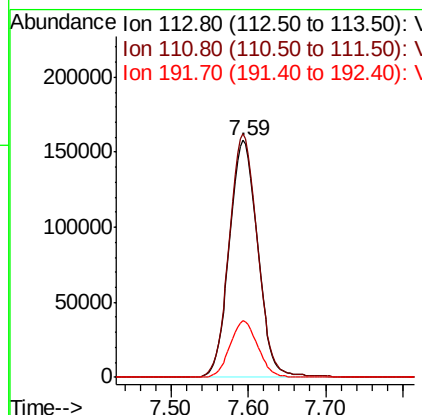
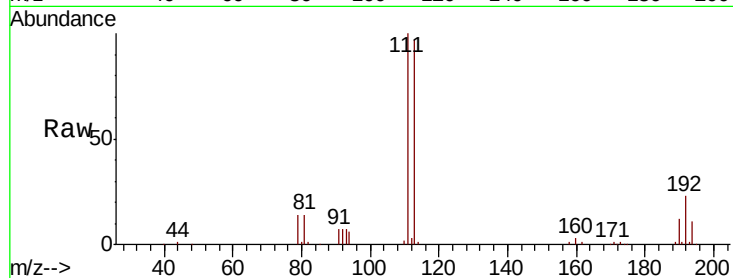
#35
 Dibromofluoromethane
 Concen: 49.53 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-H

Tot Ion	Ratio	Resp	Lower	Upper
113	100	401954		
111	102.3	83.0	124.6	
192	23.1	18.7	28.1	

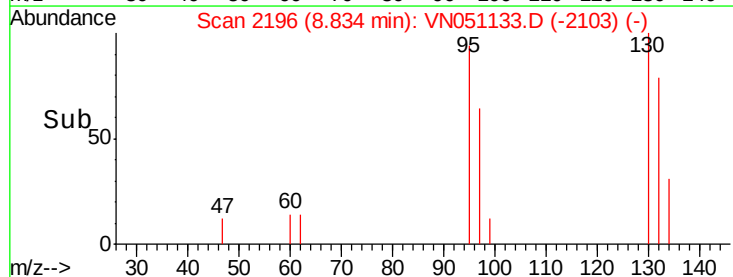
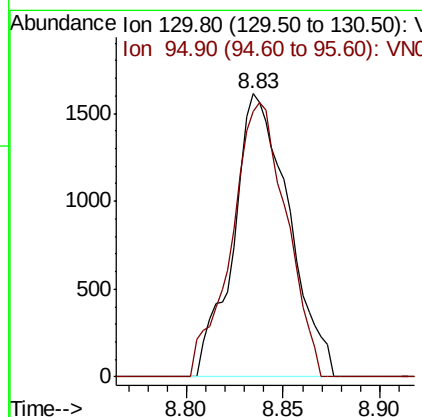
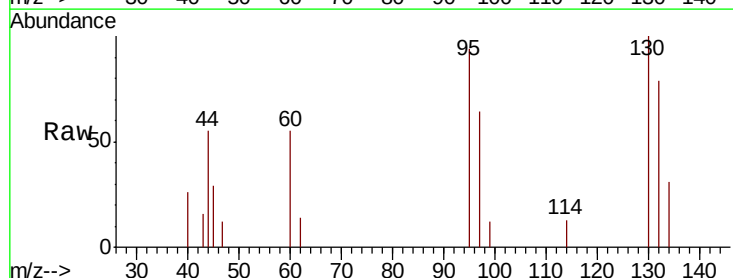
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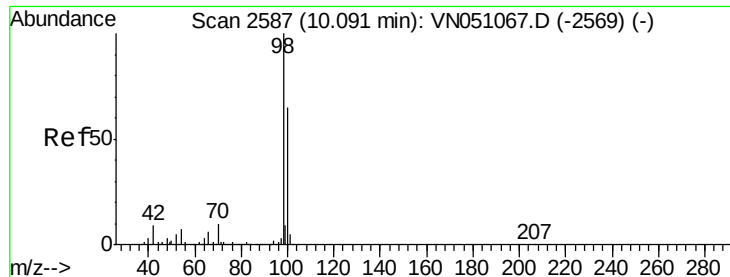
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#44
 Trichloroethene
 Concen: 0.33 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	3211		
95	94.0	0.0	186.2	





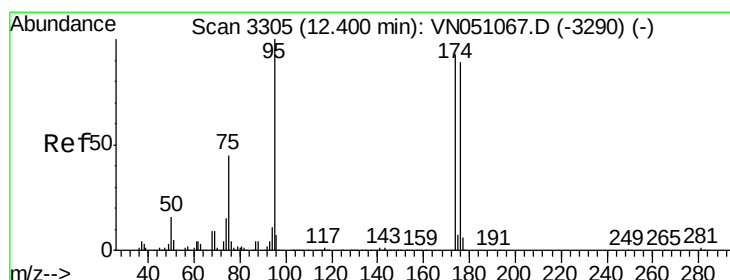
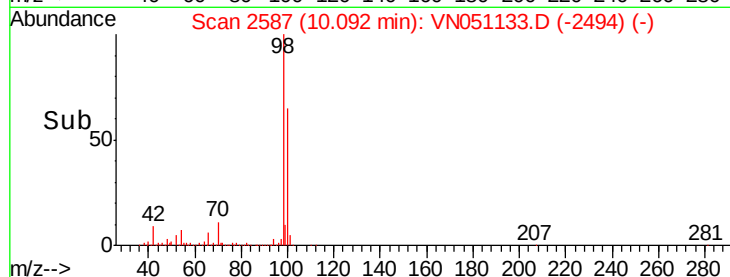
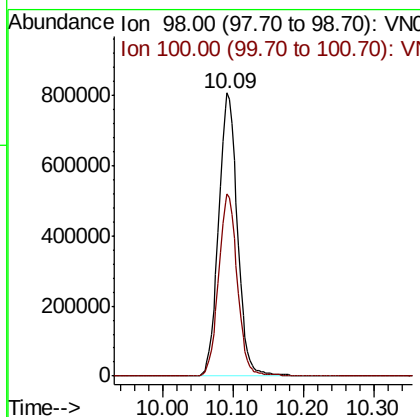
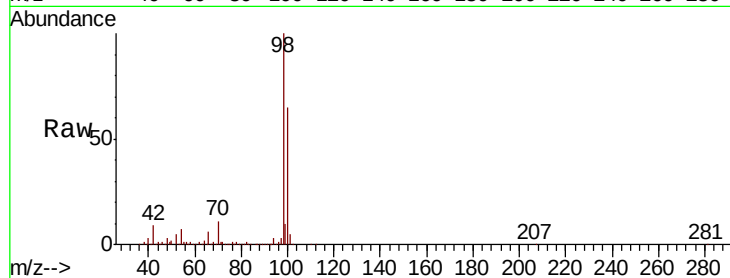
#50
Toluene-d8
Concen: 48.77 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H

Tot Ion: 98 Resp: 1501944
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

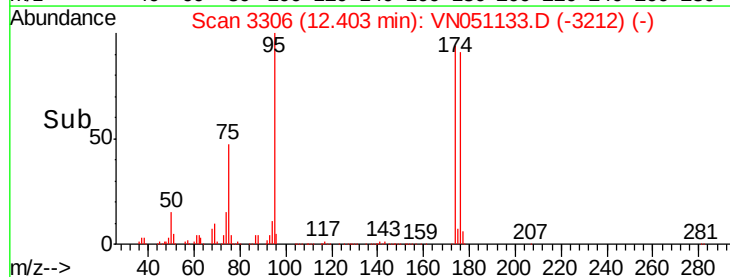
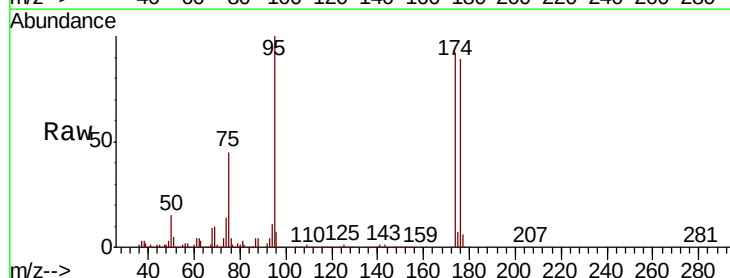
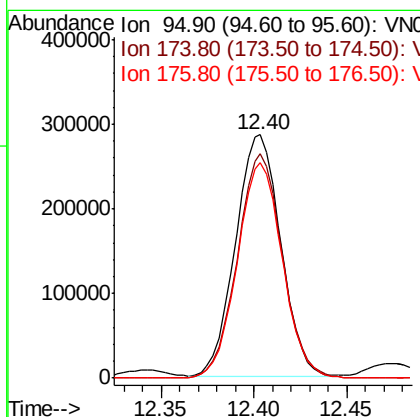
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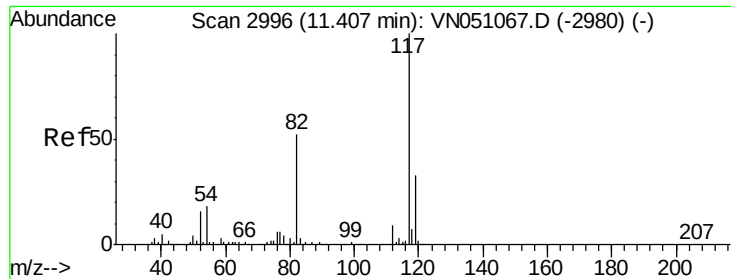
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#62
4-Bromofluorobenzene
Concen: 47.23 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Tgt Ion: 95 Resp: 481137
Ion Ratio Lower Upper
95 100
174 92.9 0.0 184.8
176 89.5 0.0 178.6





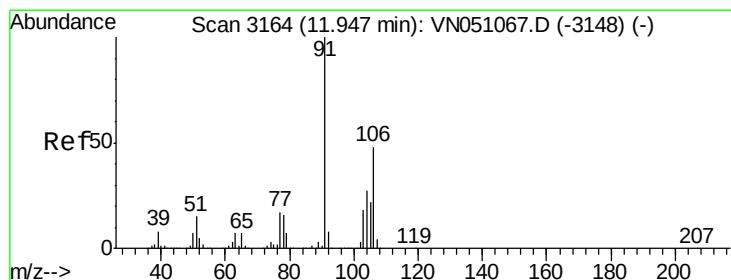
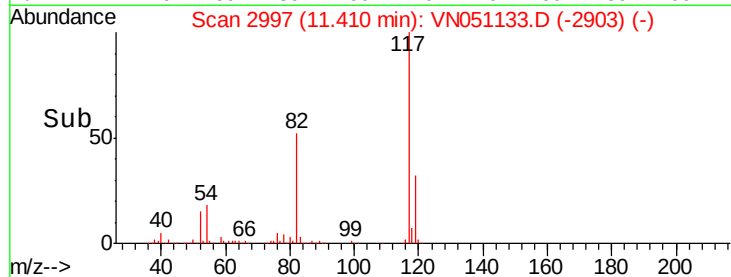
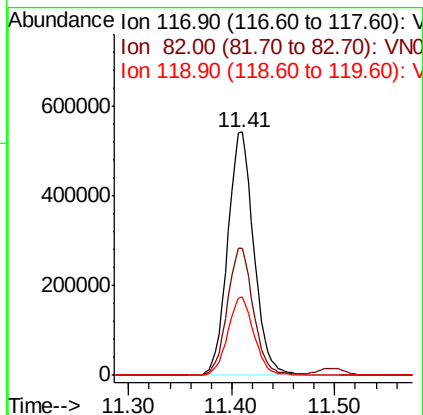
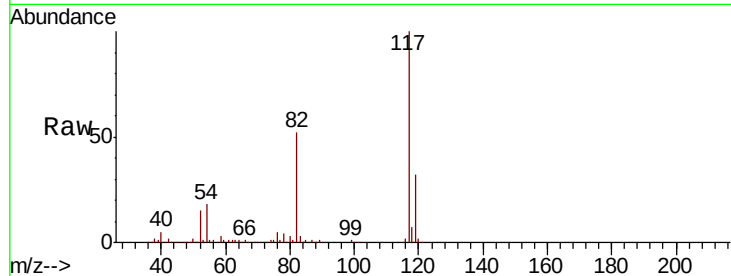
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-H

Tot Ion	Ratio	Resp	Lower	Upper
117	100	959115		
82	52.0		41.8	62.6
119	32.1		26.2	39.2

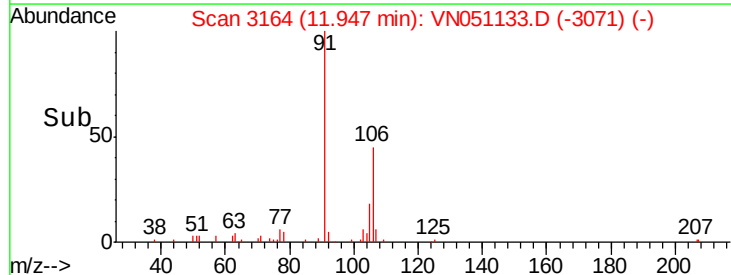
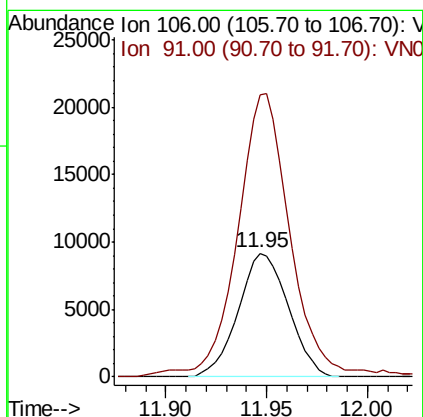
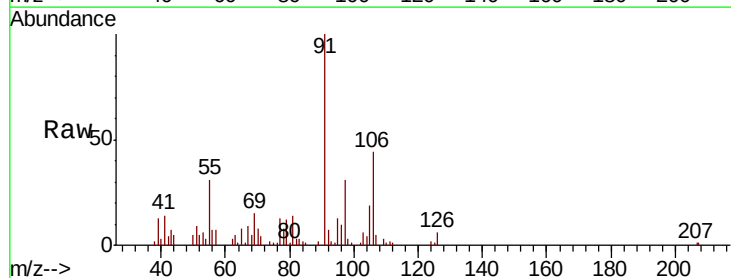
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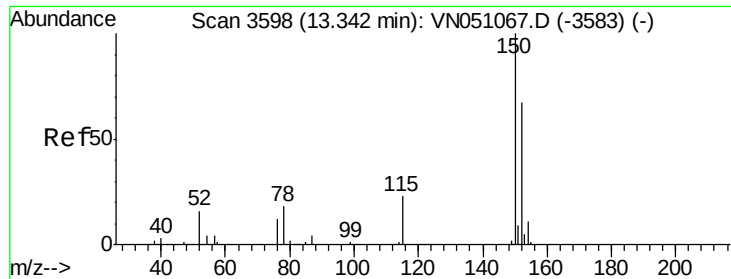
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#69
o-Xylene
Concen: 1.09 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	15904		
91	243.1		105.1	315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

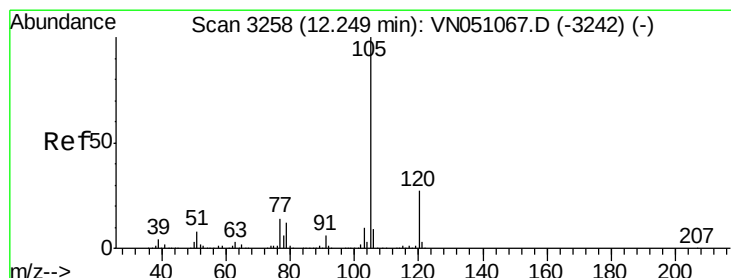
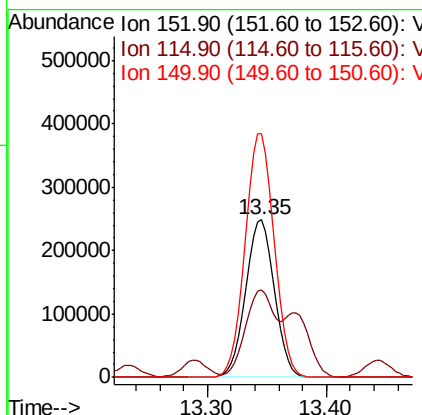
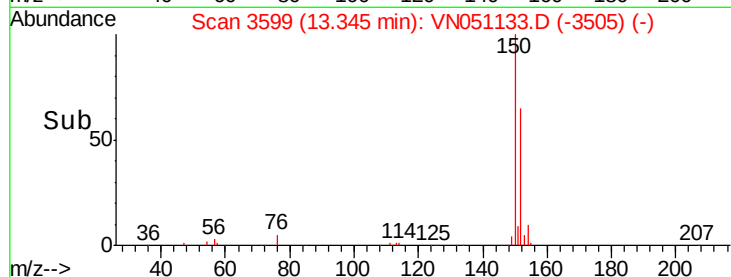
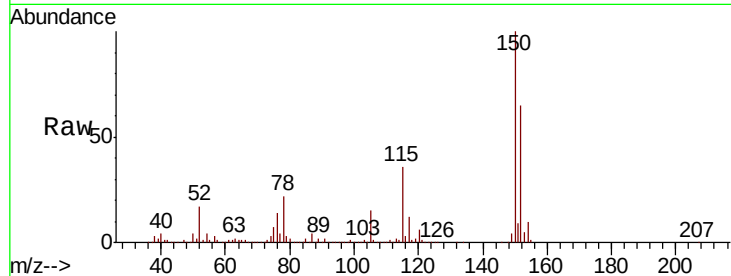
ClientSampleId :

EP1-MW-H

Tot Ion:	152	Resp:	417117
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.2	84.7
150	156.0	0.0	349.0

Manual Integrations
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9/12/2018 10:07:29 AM



#73

Isopropylbenzene

Concen: 15.76 ug/l

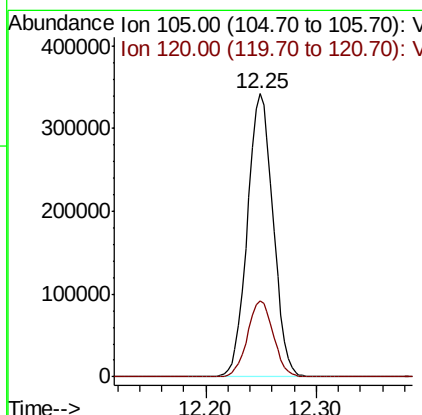
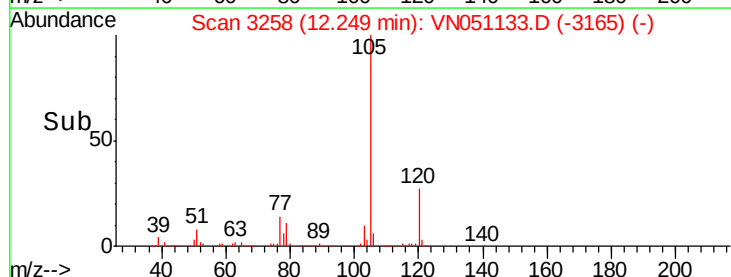
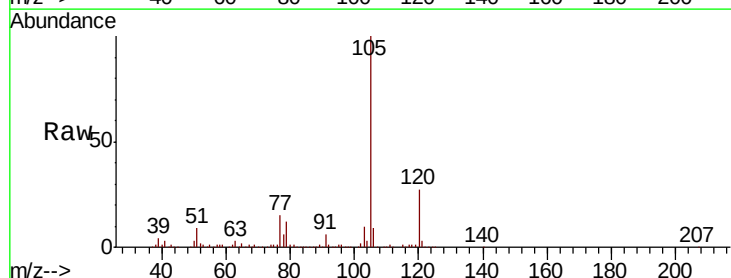
RT: 12.25 min Scan# 3258

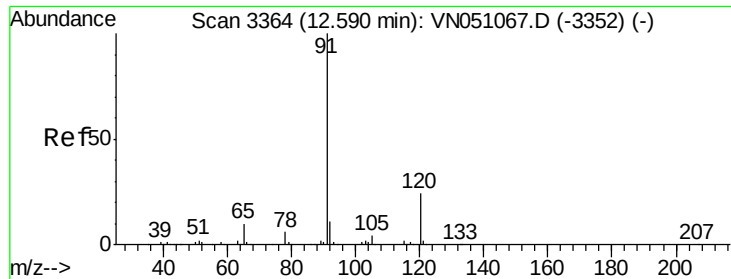
Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Tgt Ion:	105	Resp:	551360
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.6	40.7





#78

n-propylbenzene

Concen: 27.43 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051133.D

Acq: 11 Sep 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-H

Tot Ion: 91 Resp: 1054502

Ion Ratio Lower Upper

91 100

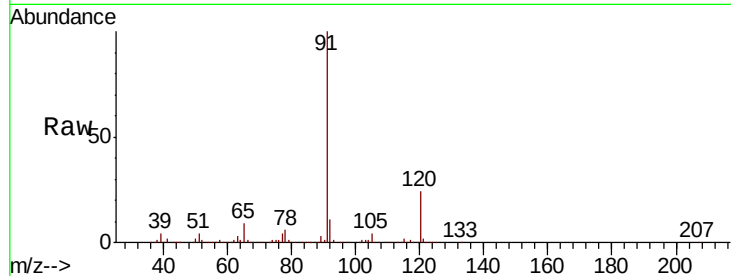
120 23.8 12.0 36.0

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Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3352) (-)

12.59

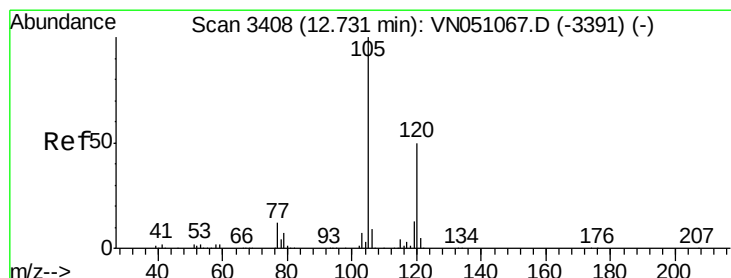
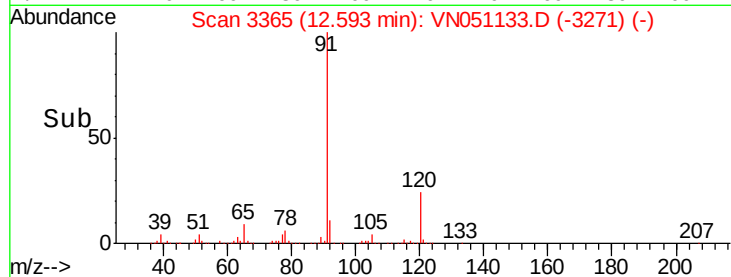
600000

400000

200000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 10.66 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051133.D

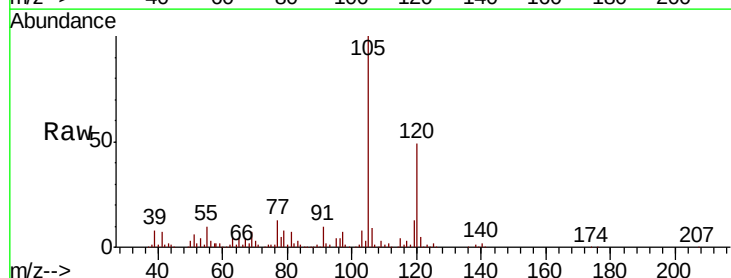
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Tgt Ion:105 Resp: 301365

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

12.73

200000

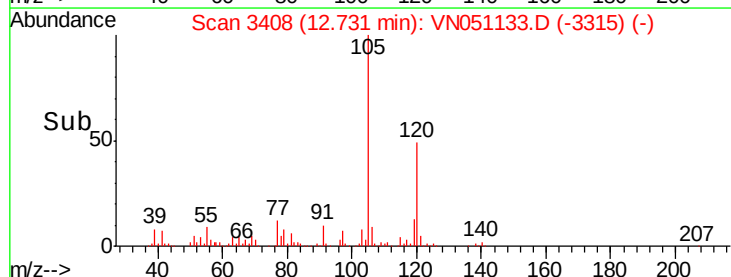
150000

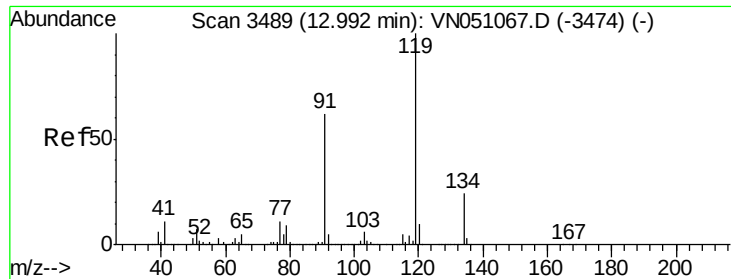
100000

50000

0

Time-->





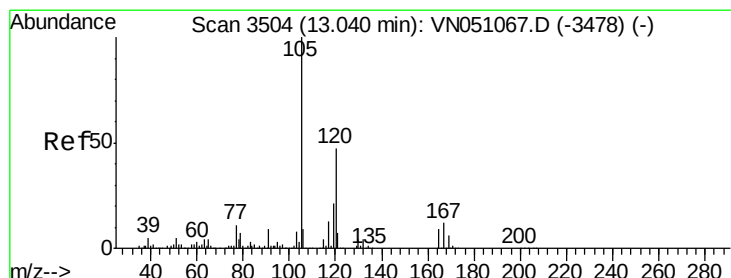
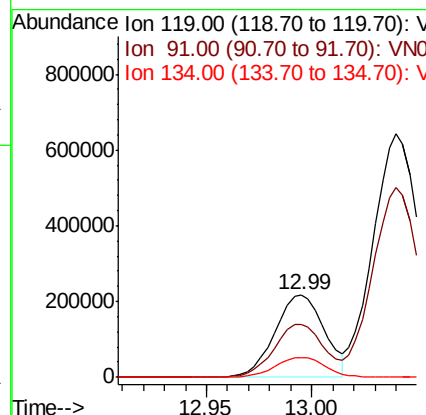
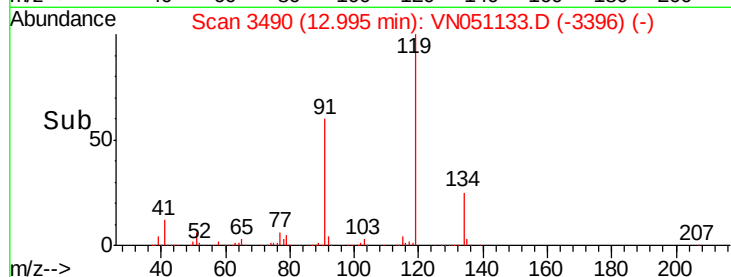
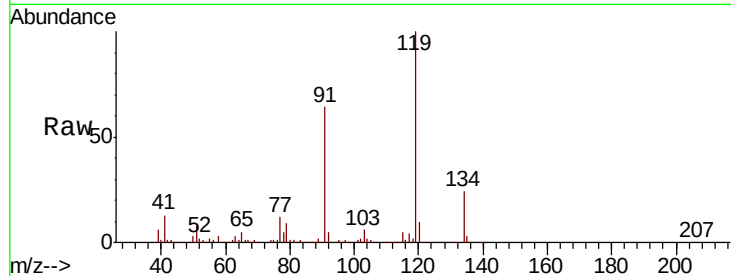
#83
 tert-Butylbenzene
 Concen: 14.18 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-H

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	30.8	92.3
134	24.5	13.2	39.6

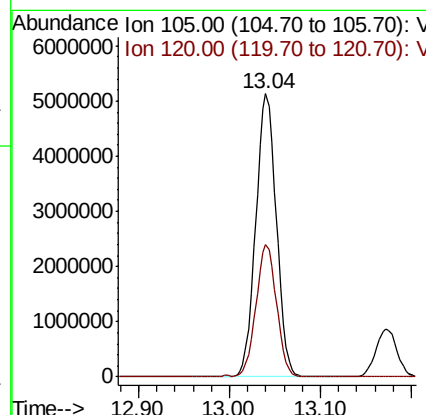
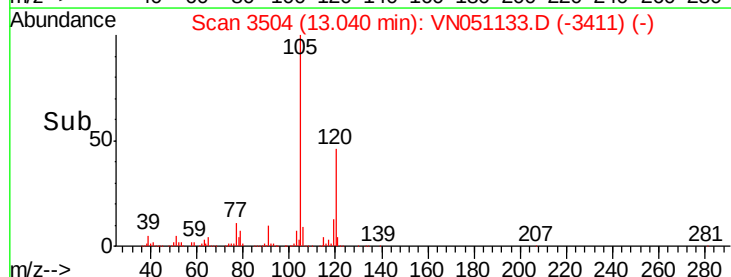
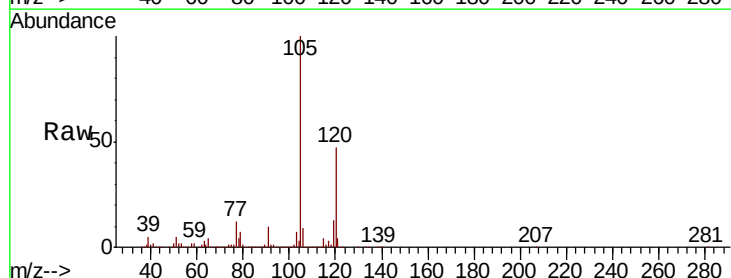
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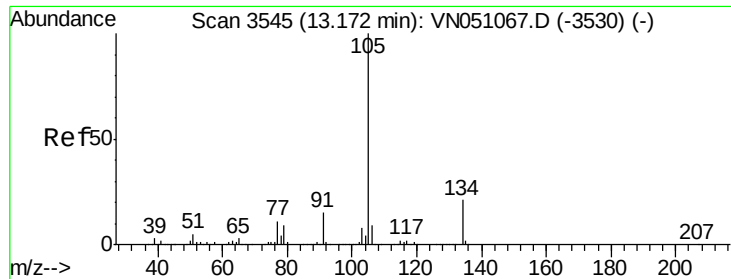
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#84
 1,2,4-Trimethylbenzene
 Concen: 288.97 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.8





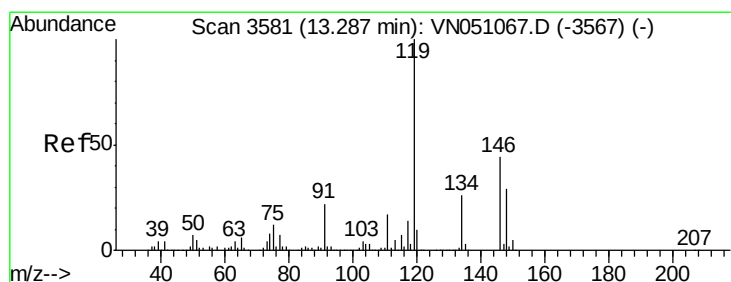
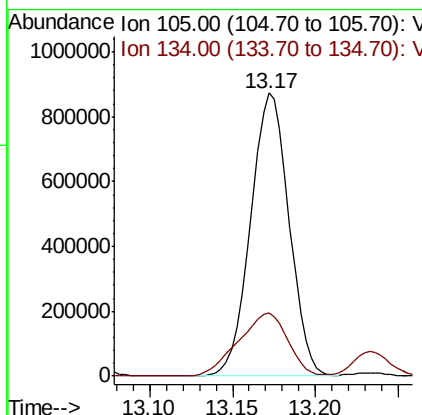
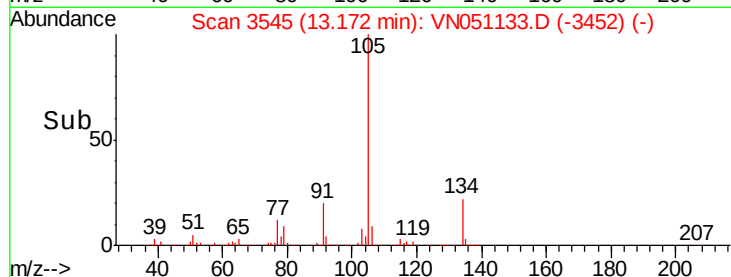
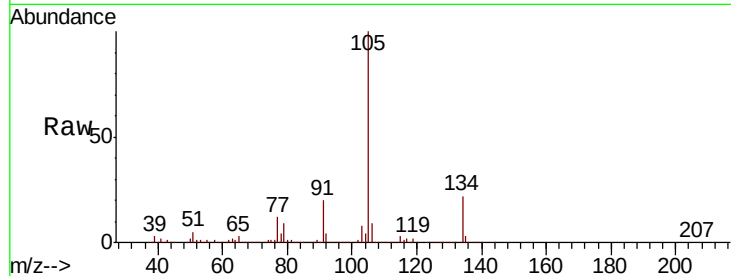
#85
 sec-Butylbenzene
 Concen: 43.80 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-H

Tot Ion:105 Resp: 1402509
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.4 31.4

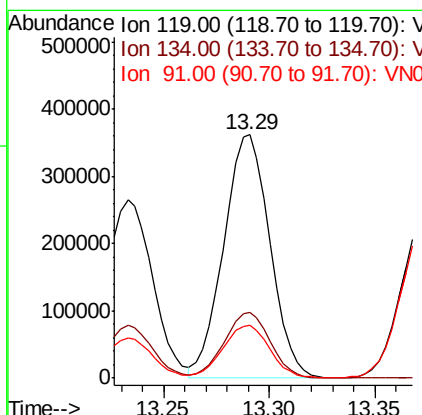
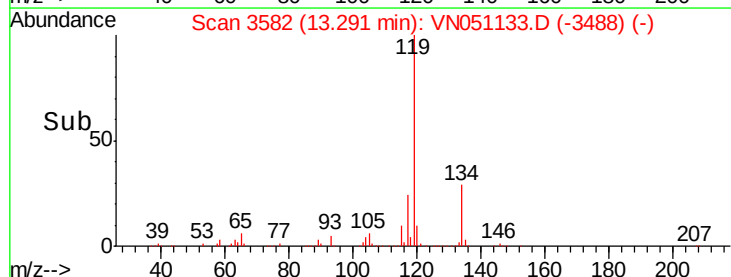
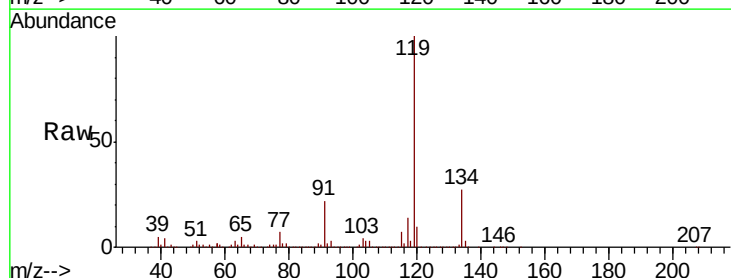
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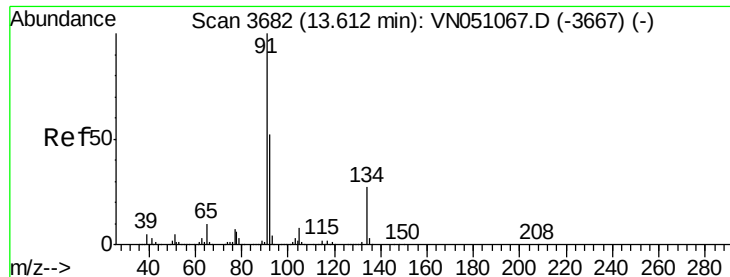
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#86
 p-Isopropyltoluene
 Concen: 20.21 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051133.D
 Acq: 11 Sep 2018 17:40

Tgt Ion:119 Resp: 548701
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 21.7 10.9 32.9





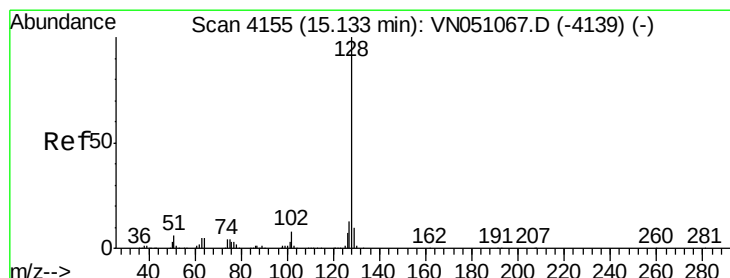
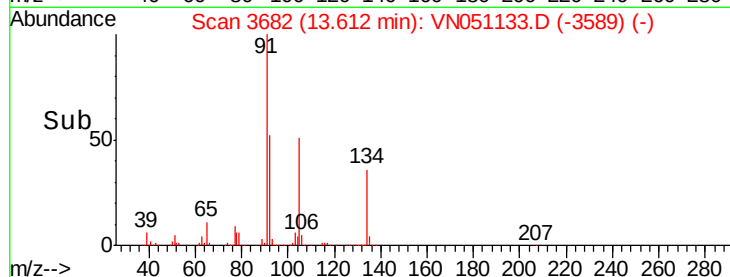
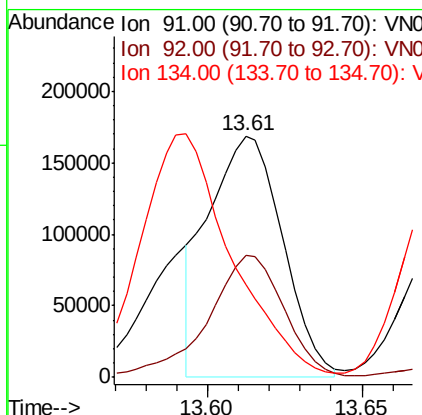
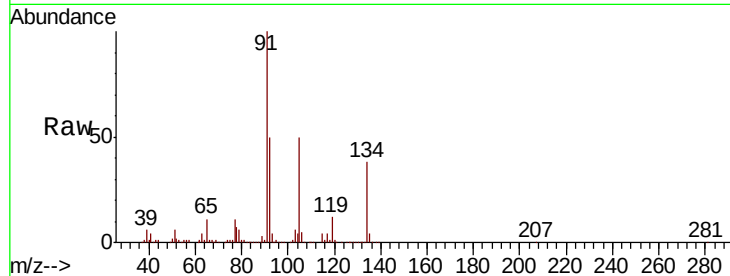
#89
n-Butylbenzene
Concen: 13.33 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.6
134	123.3	13.7	41.1#

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#95
Naphthalene
Concen: 6.92 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051133.D
Acq: 11 Sep 2018 17:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	9.4	8.6	12.8

