

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058354.D
 Acq On : 25 Sep 2019 10:24
 Operator : JC/SP
 Sample : K5008-10DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-4DL

Manual Integrations
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MMDadoda
 9/26/2019 1:00:10 PM

Quant Time: Sep 26 02:09:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	464051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	757211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	662343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	335563	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.57	113	233412	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.08	98	961297	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.41	95	330921	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	8102	3.693	ug/l	89
31) Cyclohexane	7.64	56	46298	6.506	ug/l #	83
39) Methylcyclohexane	9.07	83	117816	22.354	ug/l	98
67) Ethyl Benzene	11.51	91	486555	24.374	ug/l	100
68) m/p-Xylenes	11.62	106	178493	23.741	ug/l	96
73) Isopropylbenzene	12.25	105	297111	15.480	ug/l	99
78) n-propylbenzene	12.60	91	911650	41.799	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	855167	52.690	ug/l	100
83) tert-Butylbenzene	13.00	119	5683m	0.393	ug/l	
84) 1,2,4-Trimethylbenzene	13.05	105	2974289	184.148	ug/l	94
85) sec-Butylbenzene	13.18	105	87255m	4.610	ug/l	
86) p-Isopropyltoluene	13.30	119	72019	4.280	ug/l	97
89) n-Butylbenzene	13.62	91	103438	6.484	ug/l #	68
95) Naphthalene	15.14	128	423419	28.909	ug/l	99

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

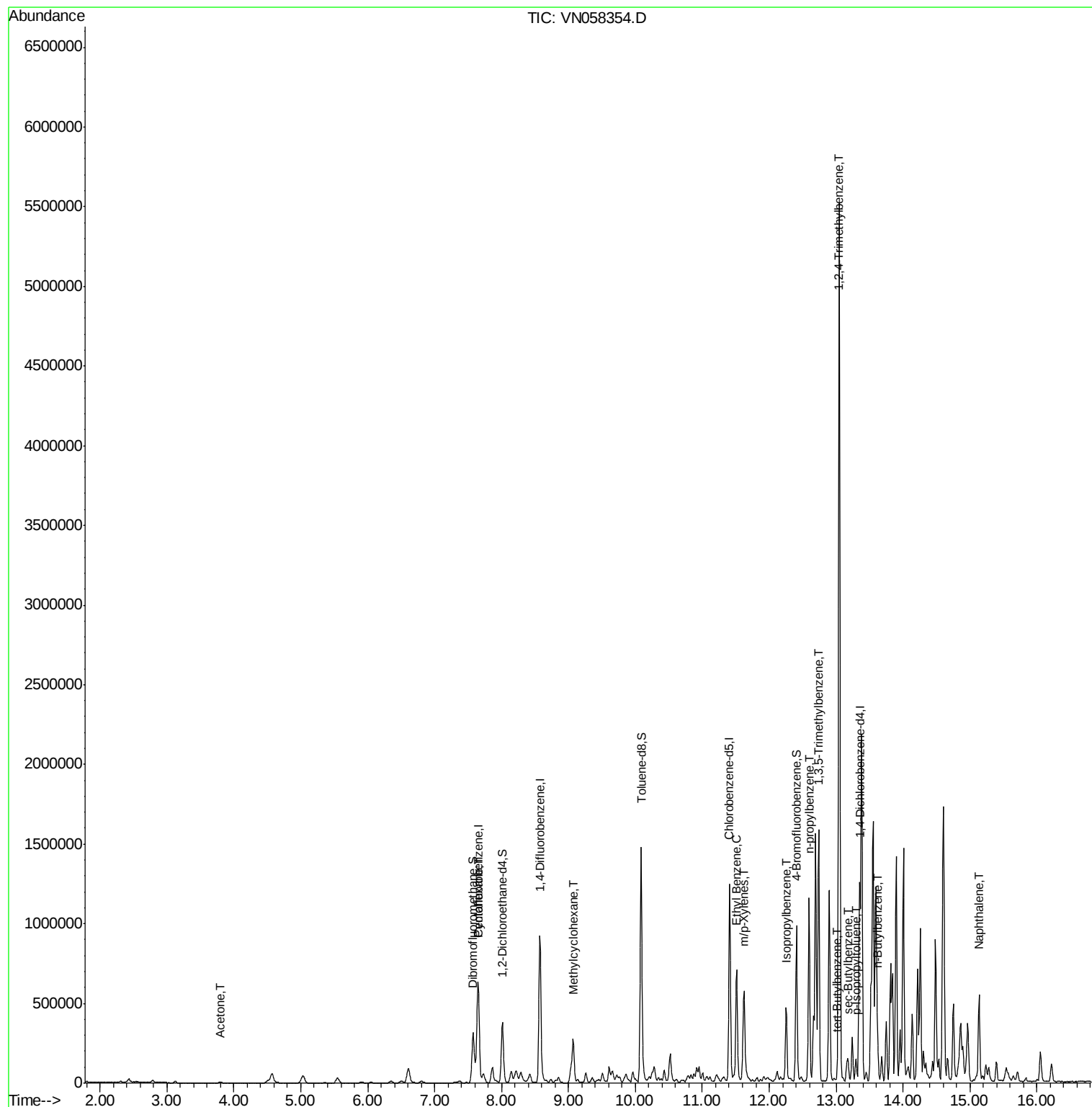
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092519\
Data File : VN058354.D
Acq On : 25 Sep 2019 10:24
Operator : JC/SP
Sample : K5008-10DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

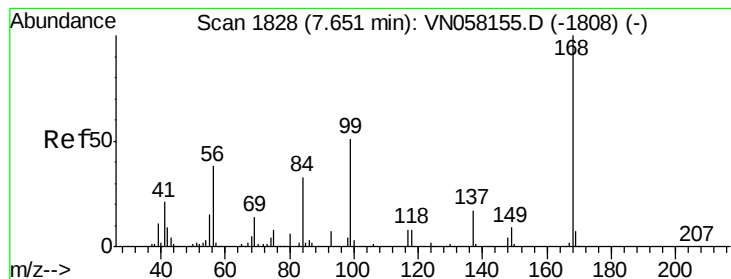
Instrument :
MSVOA_N
ClientSampleId :
TWP-4DL

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Quant Time: Sep 26 02:09:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

Instrument :

MSVOA_N

ClientSampled :

TWP-4DL

Tot Ion:168 Resp: 464051

Ion Ratio Lower Upper

168 100

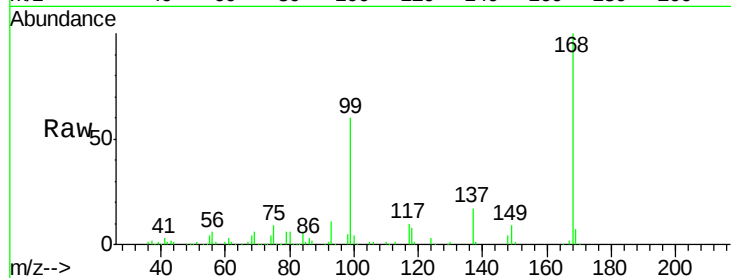
99 59.9 47.4 71.2

Manual Integrations

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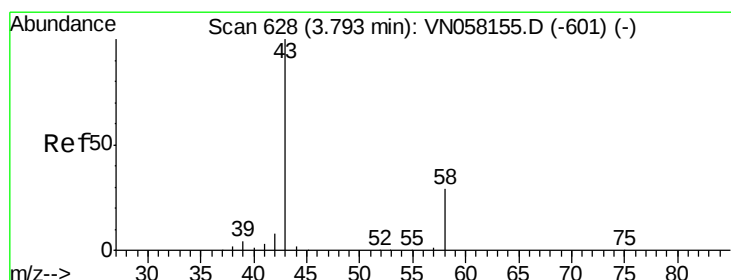
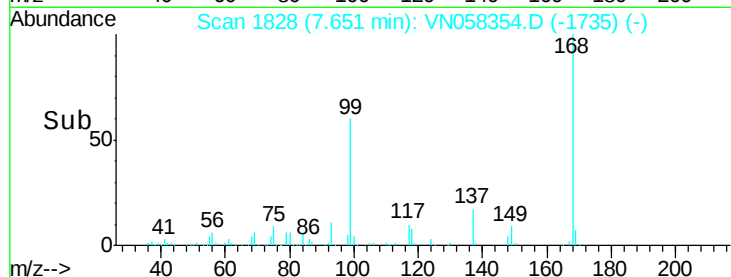
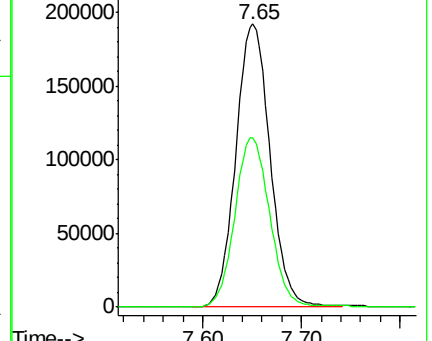
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 3.693 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058354.D

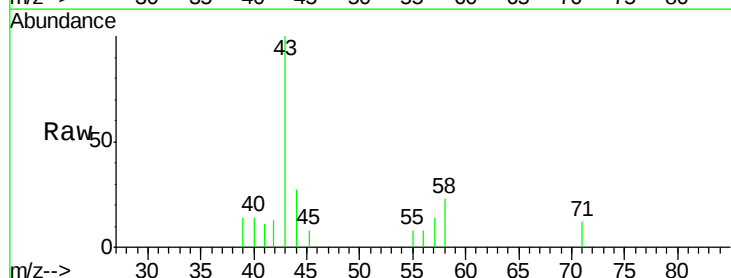
Acq: 25 Sep 2019 10:24

Tgt Ion: 43 Resp: 8102

Ion Ratio Lower Upper

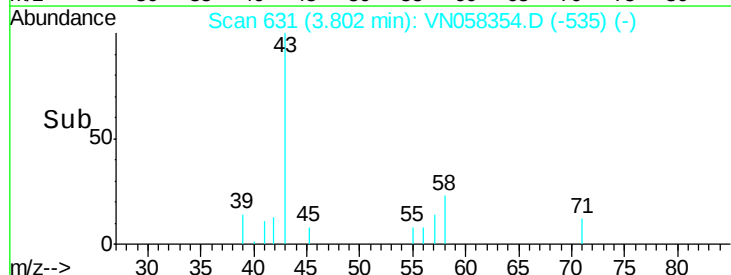
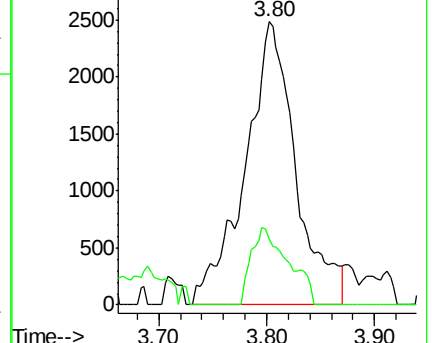
43 100

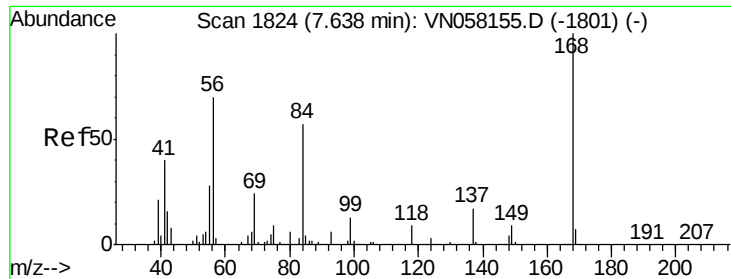
58 23.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





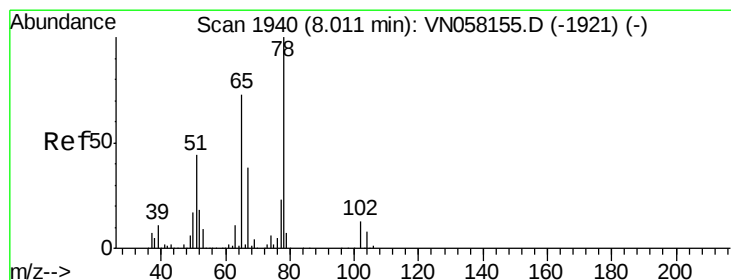
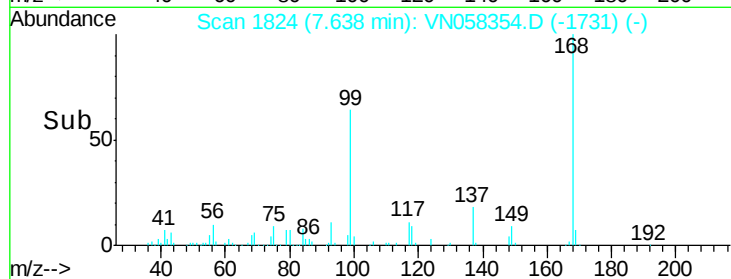
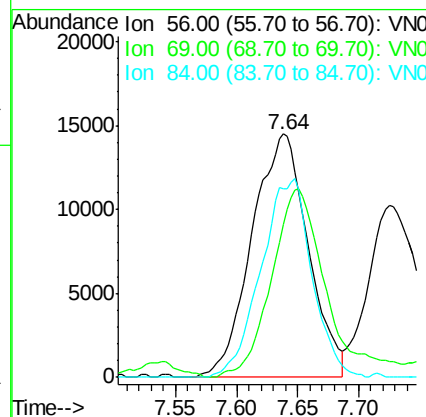
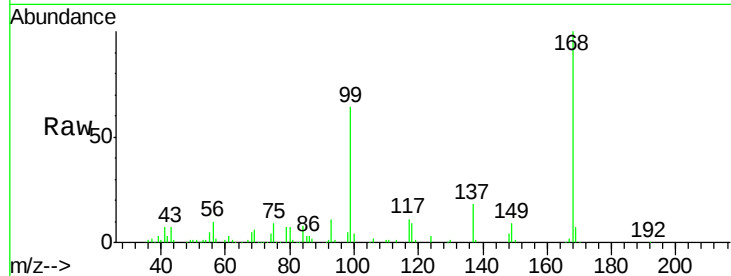
#31
Cyclohexane
Concen: 6.506 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampleId :
TWP-4DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	61.0	27.3	40.9#
84	77.6	65.0	97.4

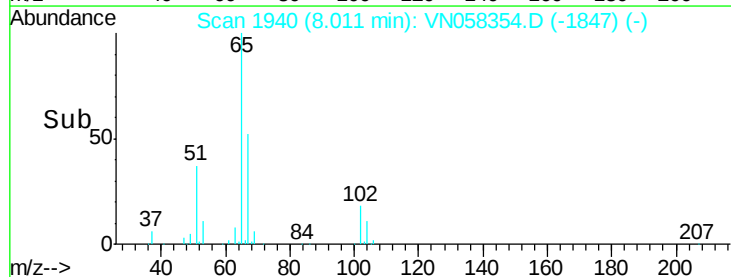
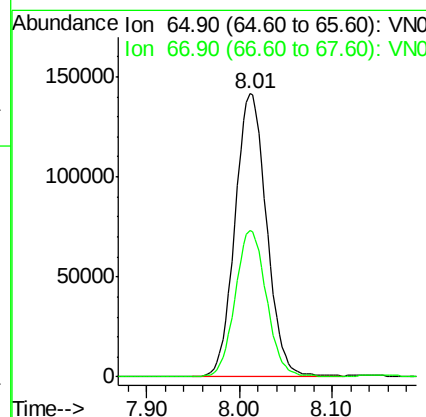
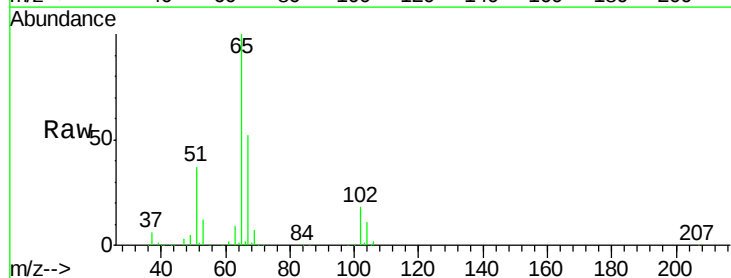
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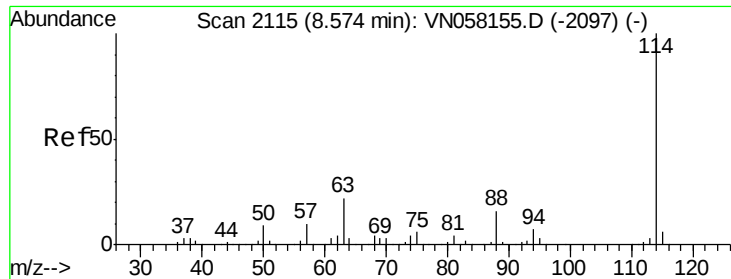
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#33
1,2-Dichloroethane-d4
Concen: 51.918 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.4





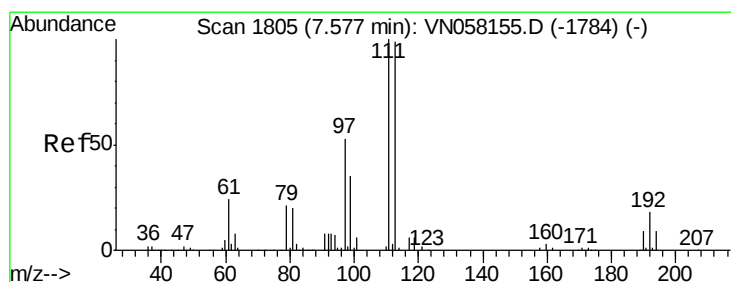
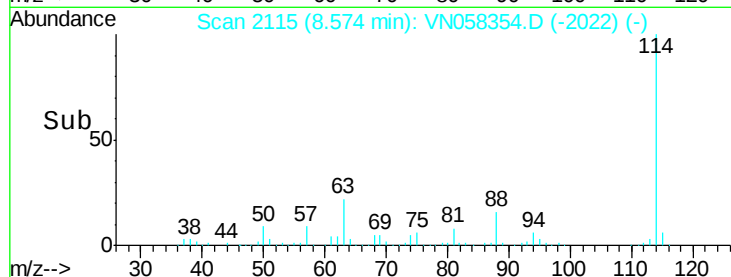
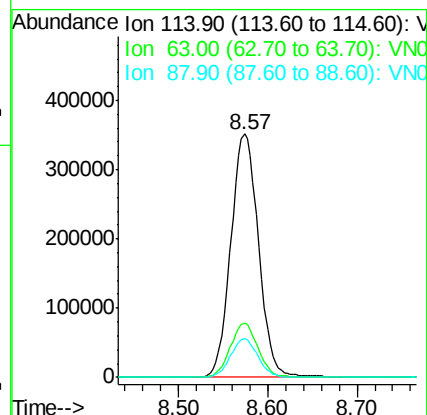
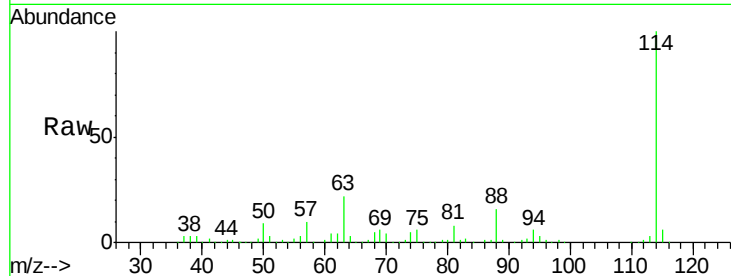
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058354.D
 Acq: 25 Sep 2019 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-4DL

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.2	0.0	44.2
88	15.9	0.0	31.6

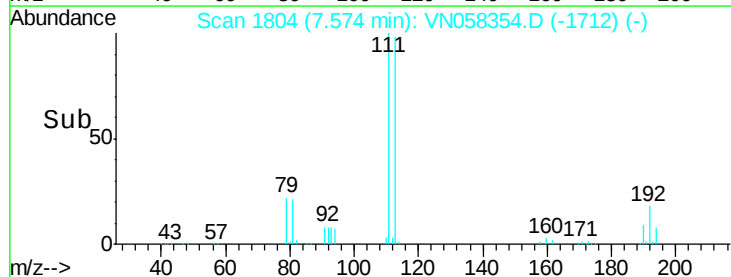
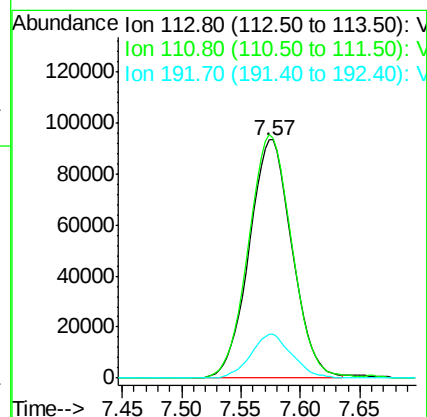
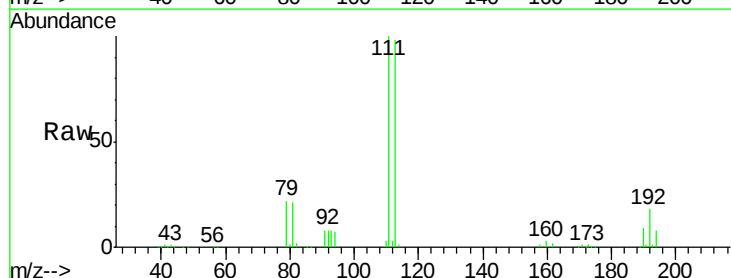
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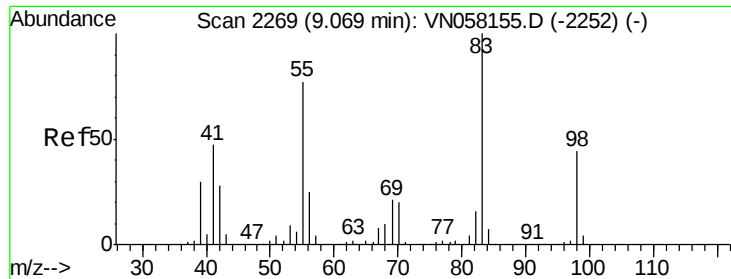
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#35
 Dibromofluoromethane
 Concen: 50.706 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058354.D
 Acq: 25 Sep 2019 10:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.3	81.8	122.6
192	17.8	14.5	21.7





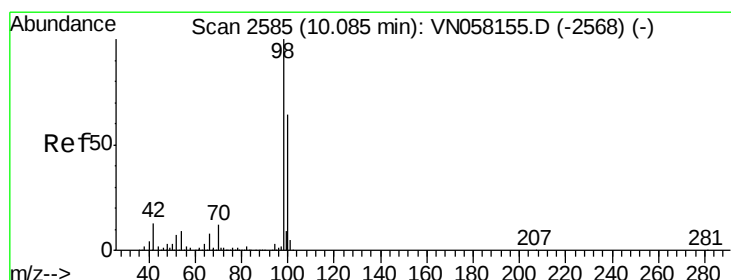
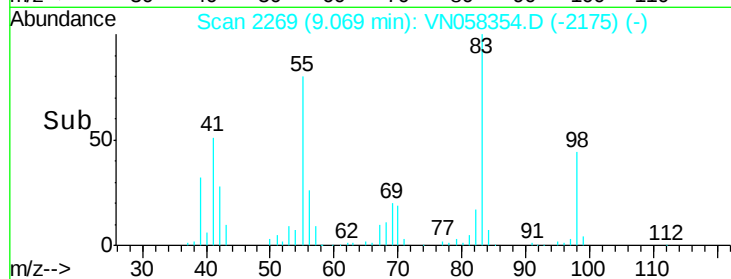
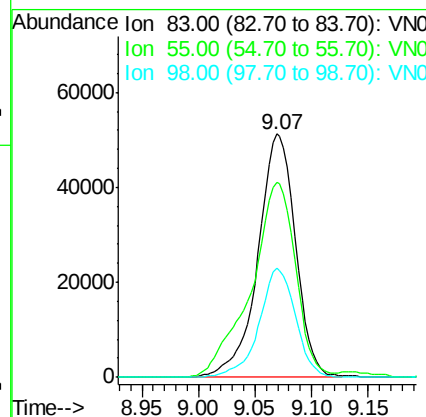
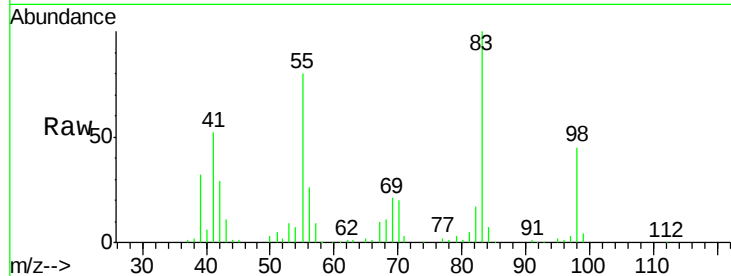
#39
Methvlcvclohexane
Concen: 22.354 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampleId :
TWP-4DL

Tot Ion	83.00	Resp	117816
Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.9	92.9
98	44.8	35.4	53.2

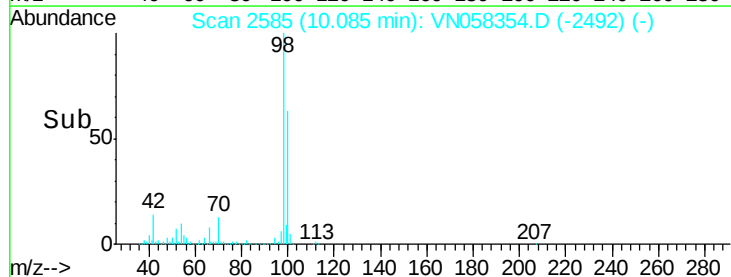
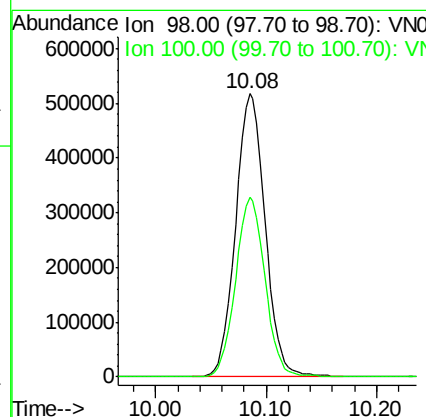
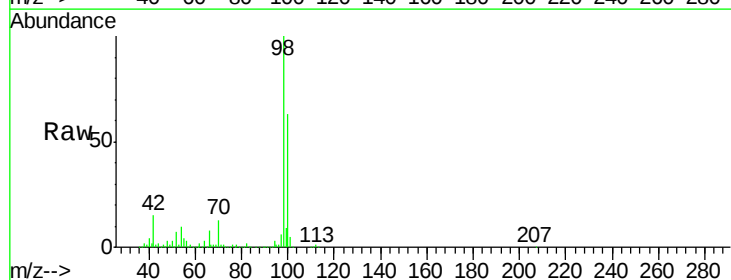
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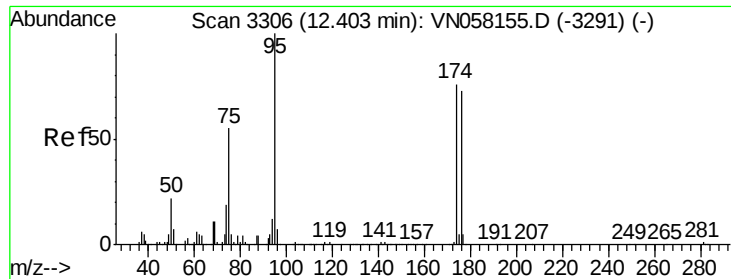
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#50
Toluene-d8
Concen: 53.599 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion	98.00	Resp	961297
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





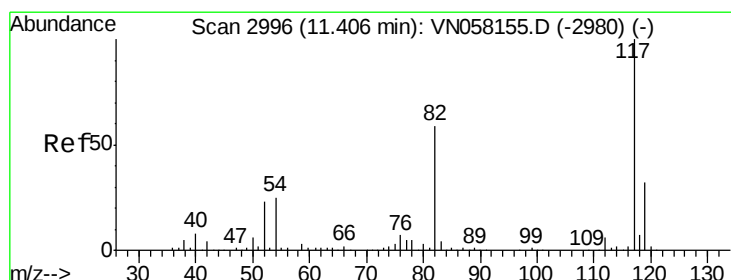
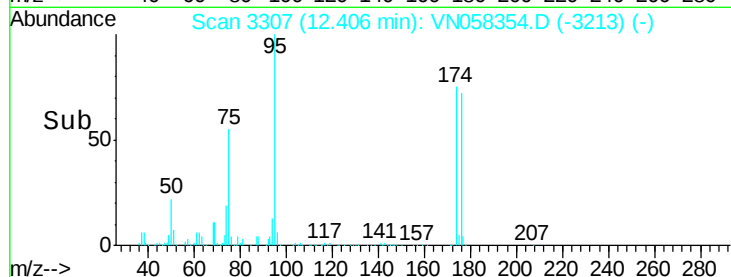
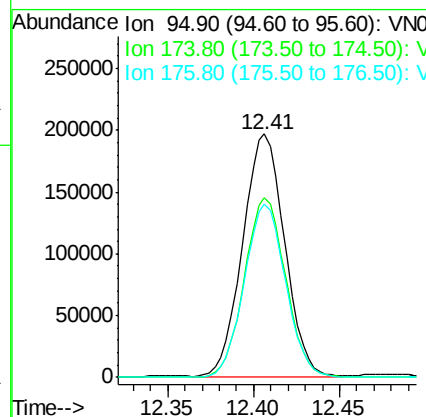
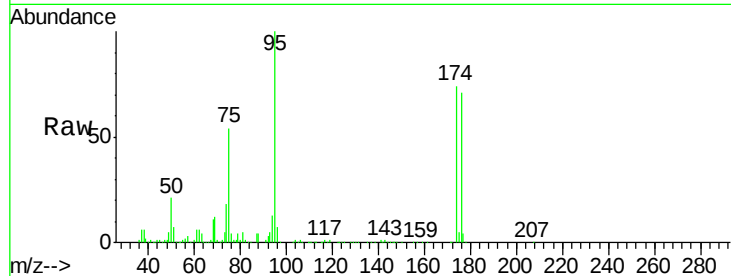
#62
4-Bromofluorobenzene
Concen: 49.671 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampled :
TWP-4DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	330921		
174	73.3	0.0	152.2	
176	70.8	0.0	148.0	

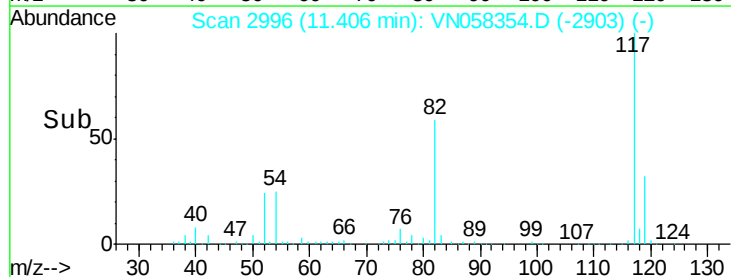
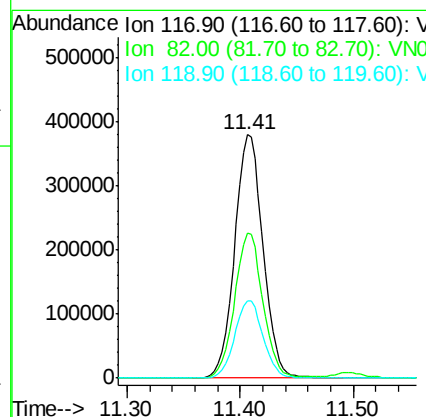
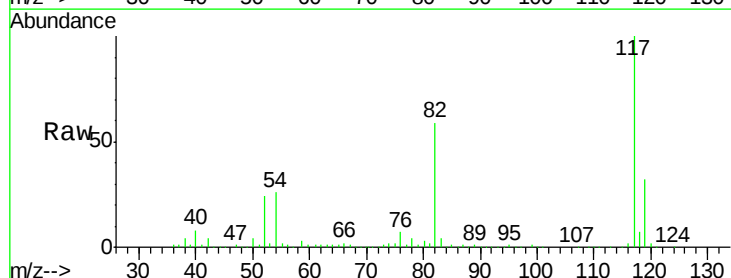
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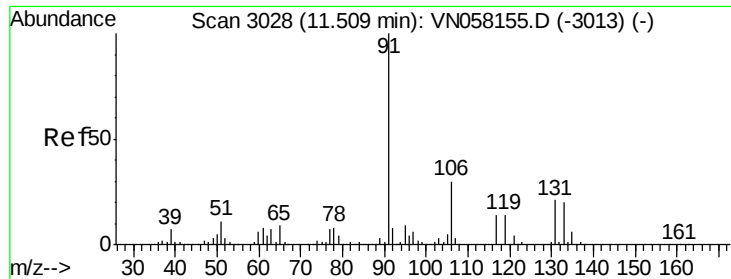
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	662343		
82	59.2	46.9	70.3	
119	31.9	25.3	37.9	





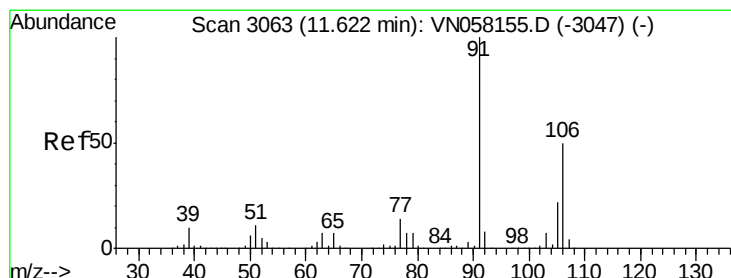
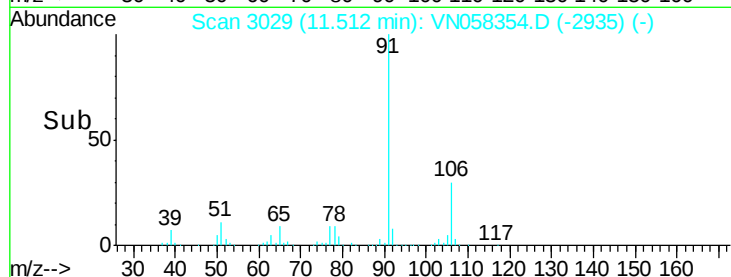
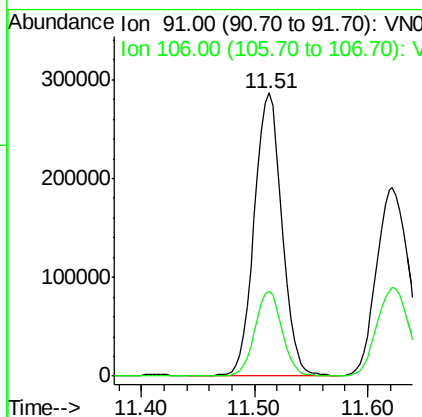
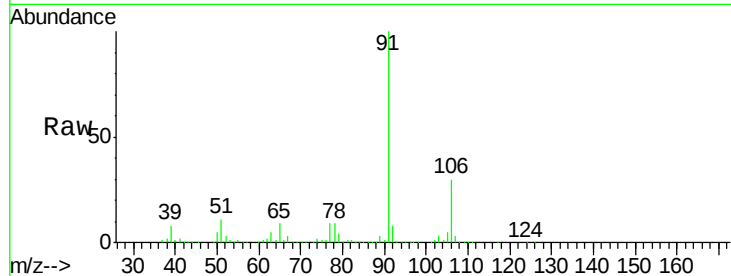
#67
Ethyl Benzene
Concen: 24.374 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampled :
TWP-4DL

Tot Ion: 91 Resp: 486555
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0

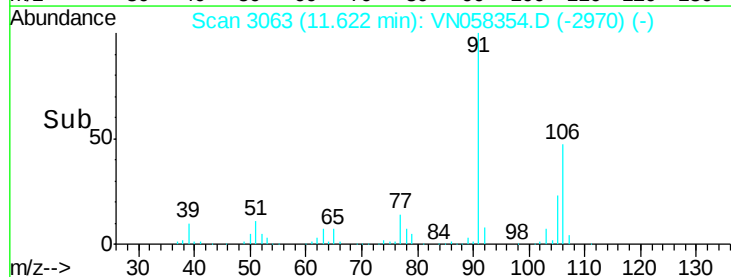
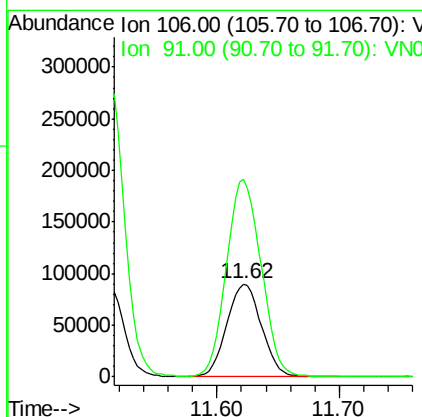
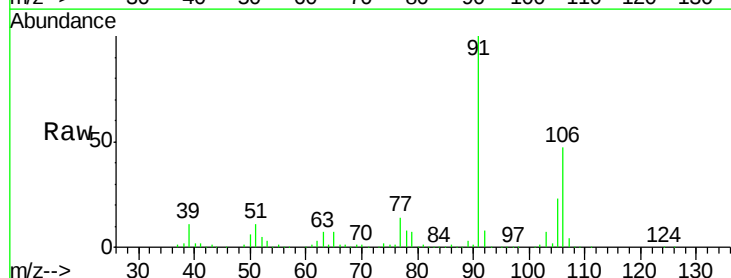
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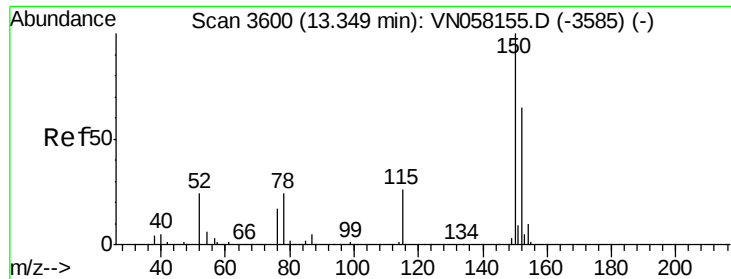
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9/26/2019 1:00:10 PM



#68
m/p-Xylenes
Concen: 23.741 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion: 106 Resp: 178493
Ion Ratio Lower Upper
106 100
91 211.2 163.6 245.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

Instrument :

MSVOA_N

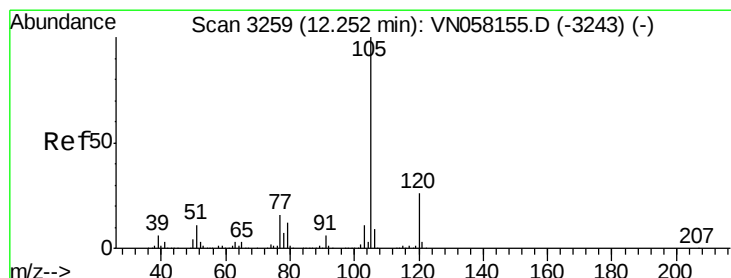
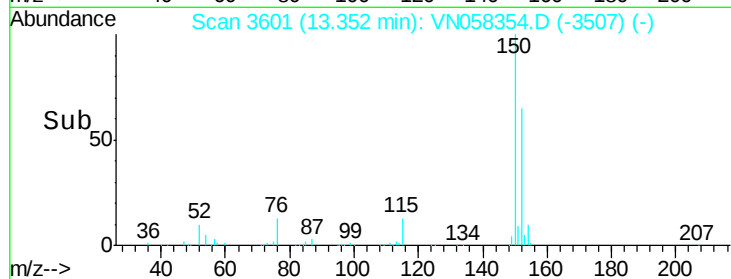
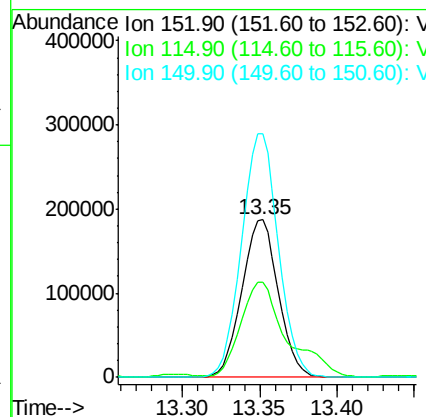
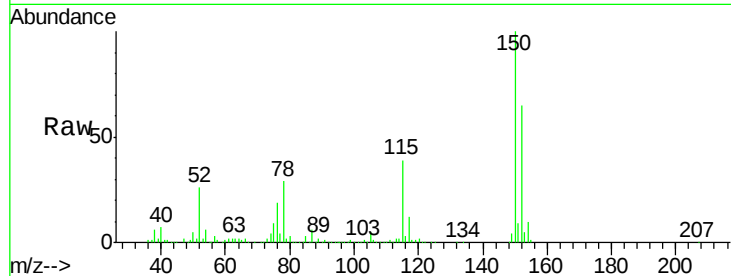
ClientSampled :

TWP-4DL

Tot Ion:	152	Resp:	306633
Ion Ratio	Lower	Upper	
152	100		
115	75.7	30.1	90.3
150	156.4	0.0	346.4

Manual Integrations
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9/26/2019 1:00:10 PM



#73

Isopropylbenzene

Concen: 15.480 ug/l

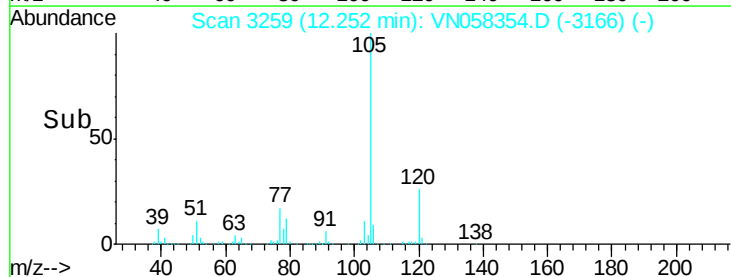
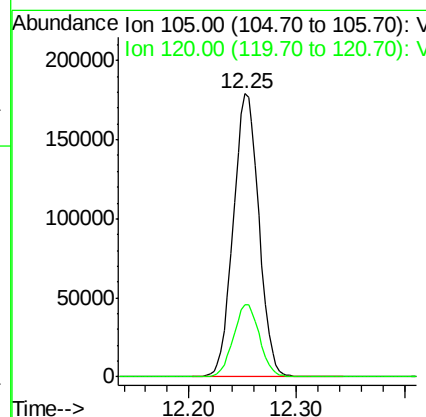
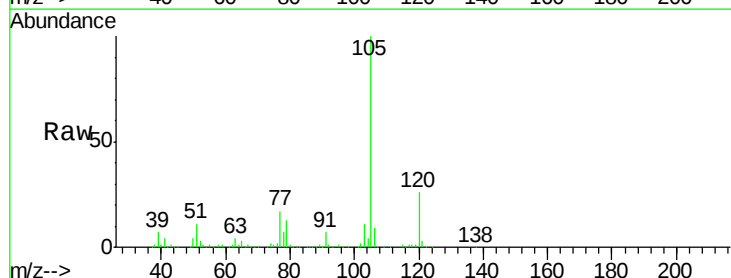
RT: 12.25 min Scan# 3259

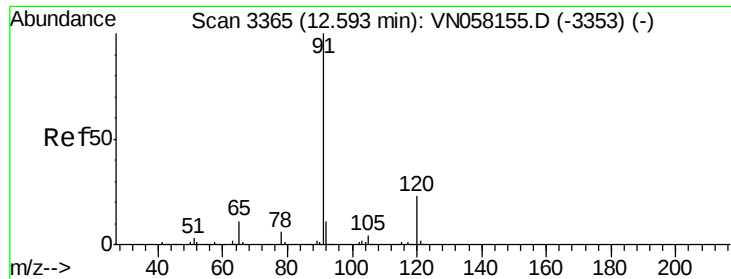
Delta R.T. -0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

Tgt Ion:	105	Resp:	297111
Ion Ratio	Lower	Upper	
105	100		
120	26.0	12.8	38.3





#78

n-propylbenzene

Concen: 41.799 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

TWP-4DL

Tot Ion: 91 Resp: 911650

Ion Ratio Lower Upper

91 100

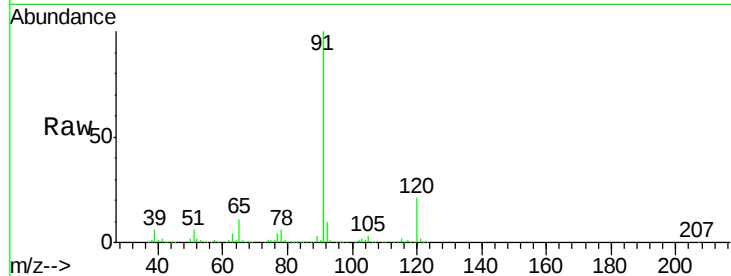
120 21.2 11.1 33.3

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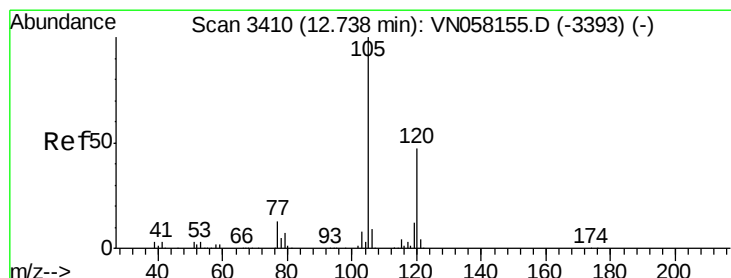
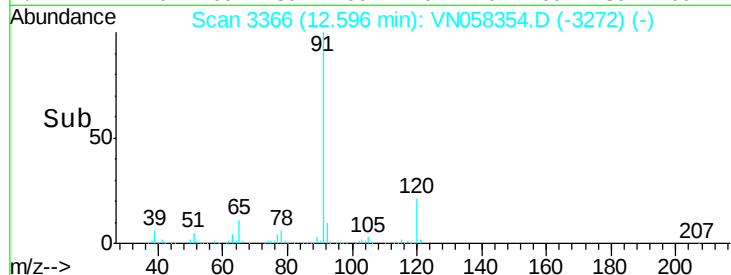
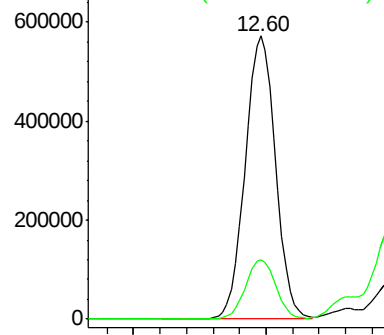
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 52.690 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058354.D

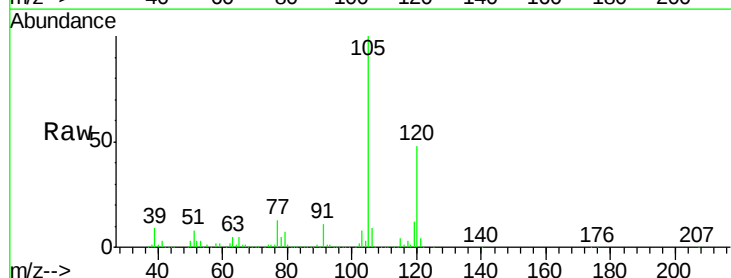
Acq: 25 Sep 2019 10:24

Tgt Ion:105 Resp: 855167

Ion Ratio Lower Upper

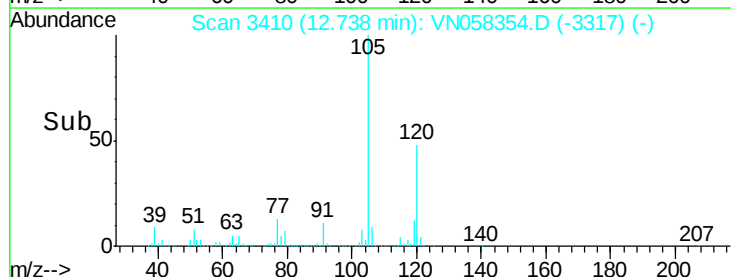
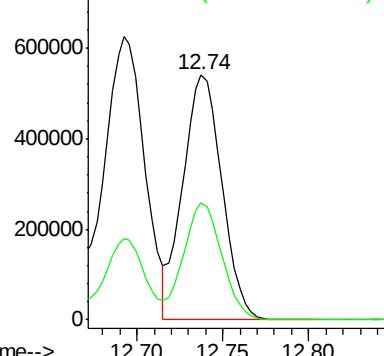
105 100

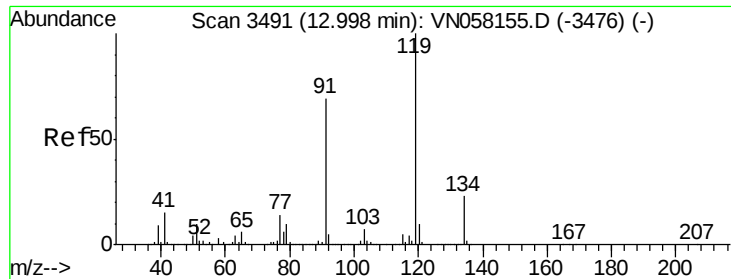
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





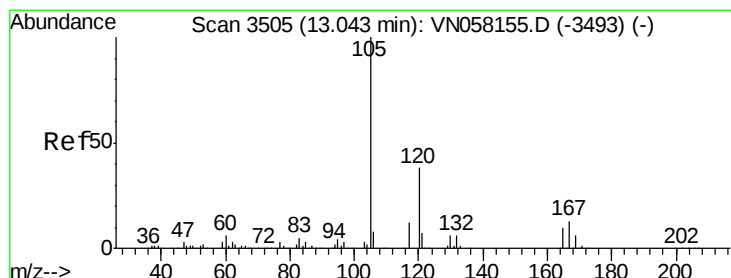
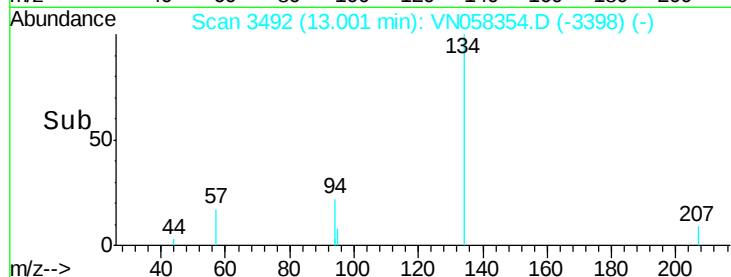
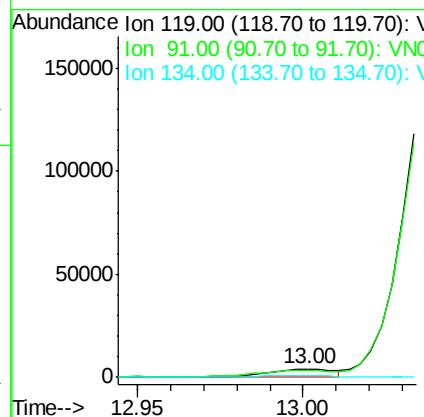
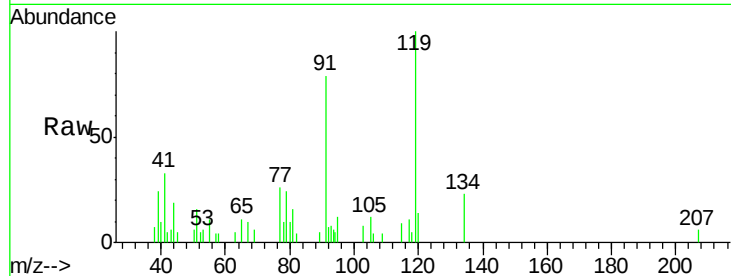
#83
tert-Butylbenzene
Concen: 0.393 ug/l m
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampleId :
TWP-4DL

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	33.8	101.3#
134	0.0	11.6	34.8#

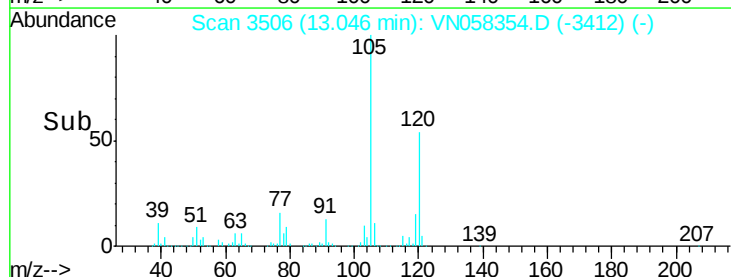
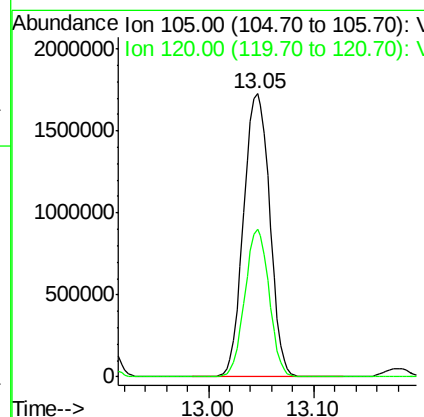
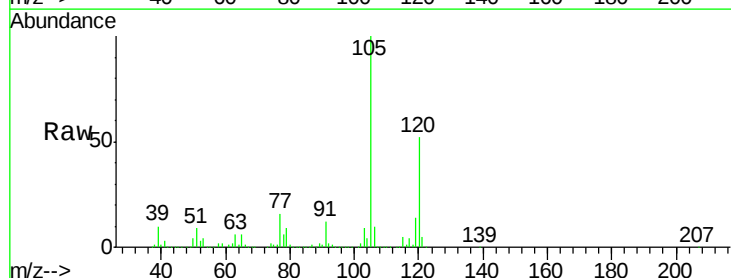
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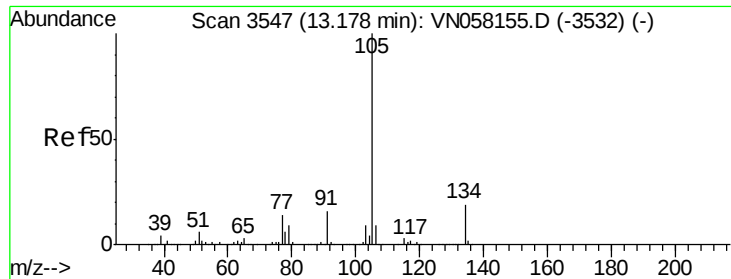
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#84
1,2,4-Trimethylbenzene
Concen: 184.148 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 4.610 ug/l m

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

Instrument :

MSVOA_N

ClientSampled :

TWP-4DL

Tot Ion:105 Resp: 87255

Ion Ratio Lower Upper

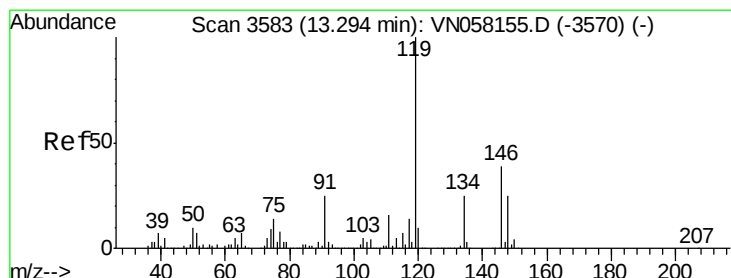
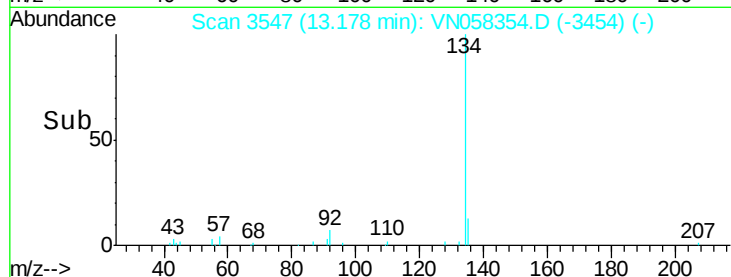
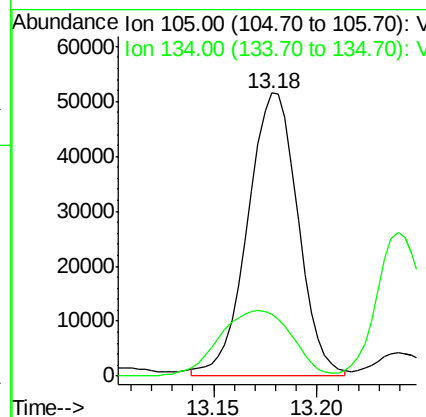
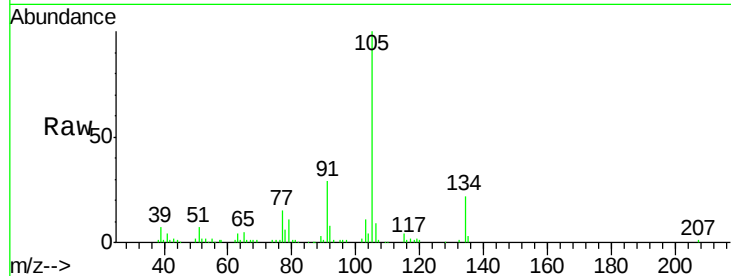
105 100

134 0.0 9.5 28.5#

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#86

p-Isopropyltoluene

Concen: 4.280 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058354.D

Acq: 25 Sep 2019 10:24

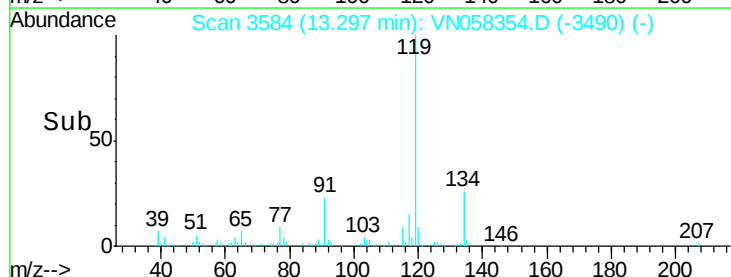
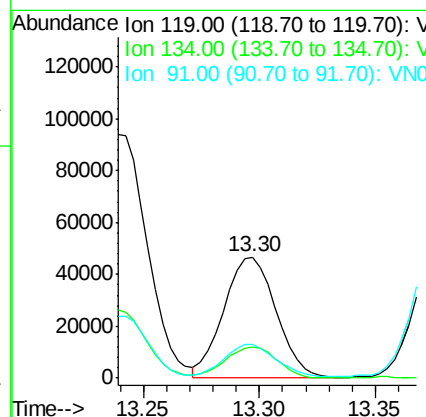
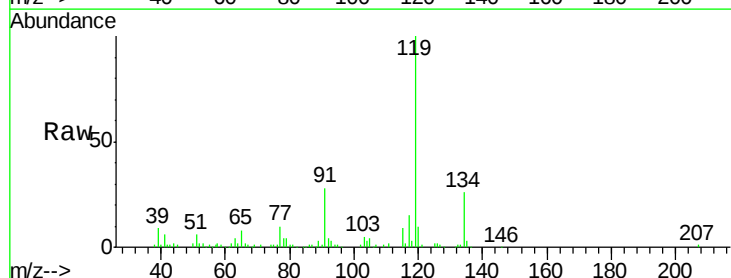
Tgt Ion:119 Resp: 72019

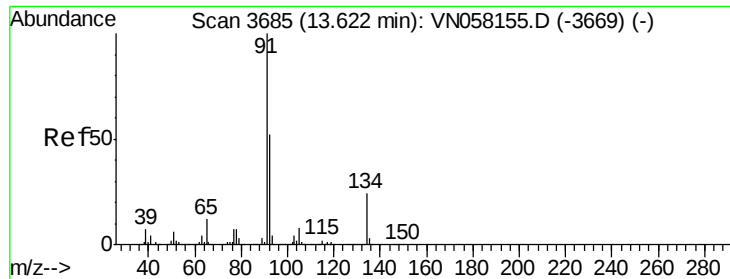
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 26.2 12.3 36.8





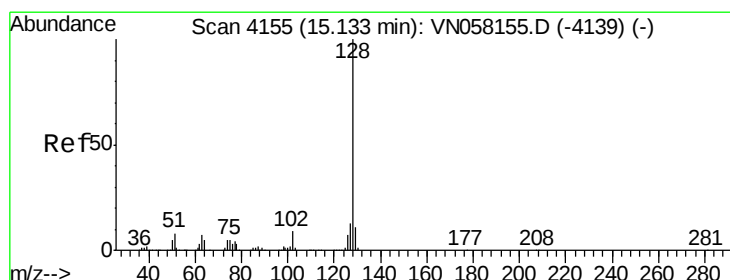
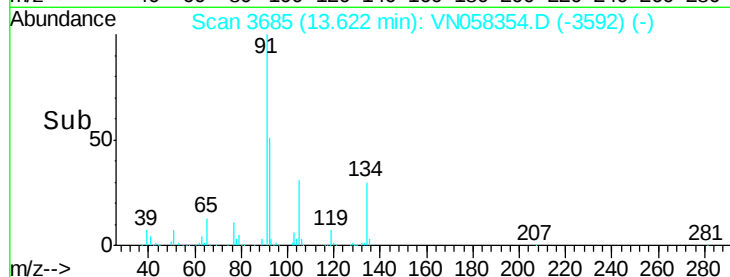
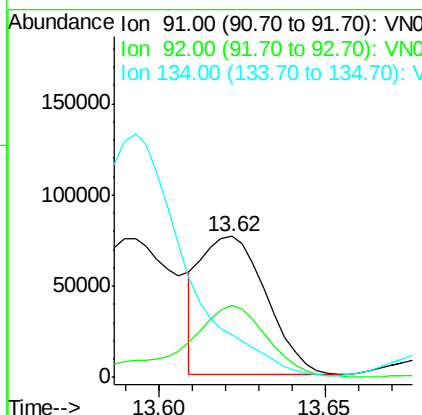
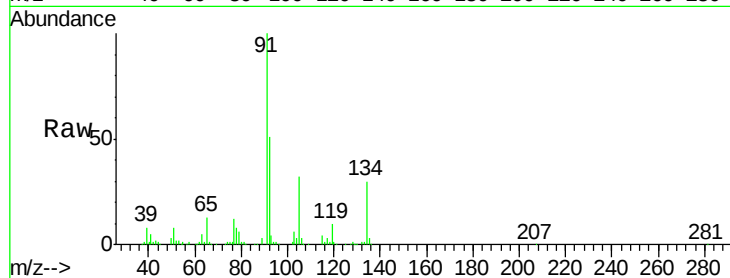
#89
n-Butylbenzene
Concen: 6.484 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Instrument :
MSVOA_N
ClientSampleId :
TWP-4DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	68.3	25.7	77.0
134	0.0	11.8	35.4

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#95
Naphthalene
Concen: 28.909 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058354.D
Acq: 25 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.2	8.6	12.8

