

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058359.D
 Acq On : 25 Sep 2019 12:14
 Operator : JC/SP
 Sample : K5008-14DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-9DL

Quant Time: Sep 26 03:06:41 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	477285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	360211	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	7.58	113	251425	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	10.08	98	1051948	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.41	95	353932	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	

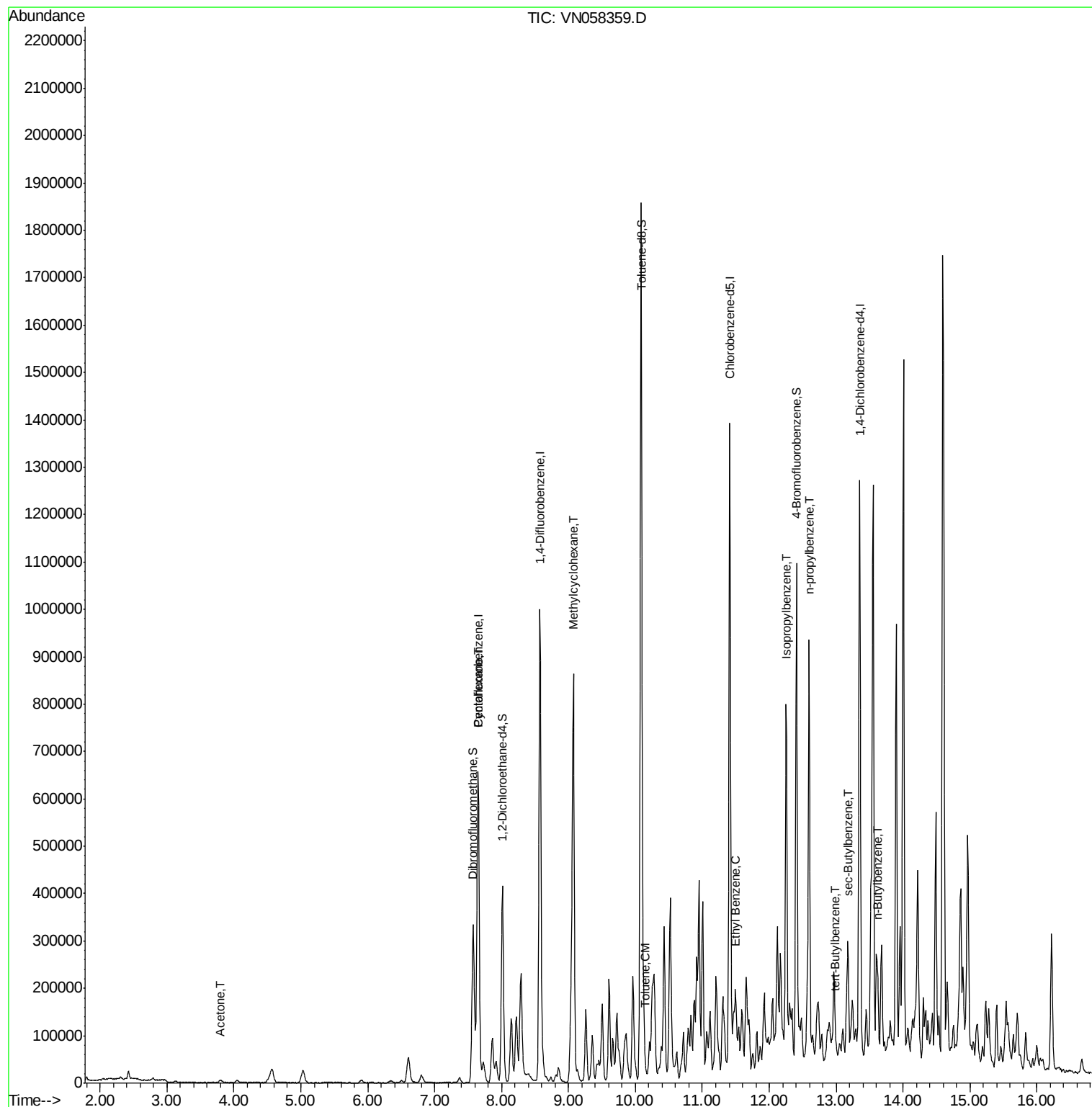
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	9380	4.157	ug/l	98
31) Cyclohexane	7.64	56	40950	5.239	ug/l #	65
39) Methylcyclohexane	9.07	83	381791	68.774	ug/l	99
52) Toluene	10.15	92	3382	0.308	ug/l	79
67) Ethyl Benzene	11.51	91	6447	0.309	ug/l	90
73) Isopropylbenzene	12.25	105	484107	25.336	ug/l	100
78) n-propylbenzene	12.60	91	689389	31.751	ug/l	99
83) tert-Butylbenzene	13.00	119	12756	0.885	ug/l	84
85) sec-Butylbenzene	13.18	105	142117	7.543	ug/l	82
89) n-Butylbenzene	13.62	91	108258	6.817	ug/l #	78

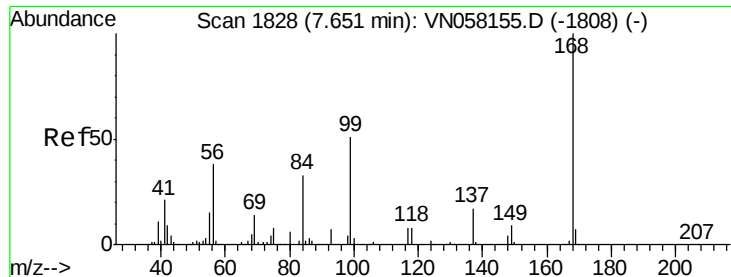
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092519\
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Quant Time: Sep 26 03:06:41 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: VN058359.D

Acq: 25 Sep 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

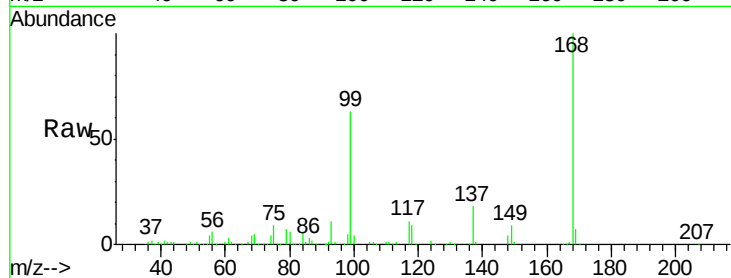
TWP-9DL

Tot Ion:168 Resp: 477285

Ion Ratio Lower Upper

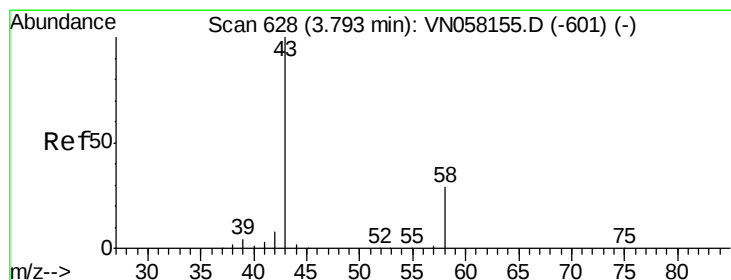
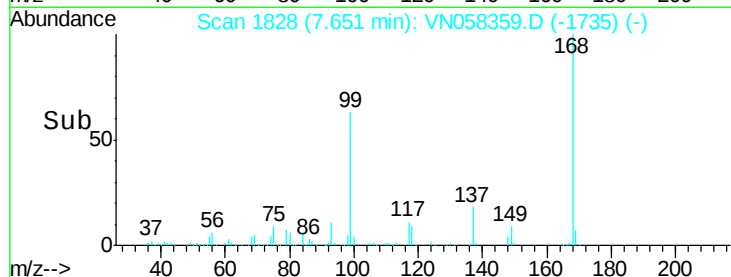
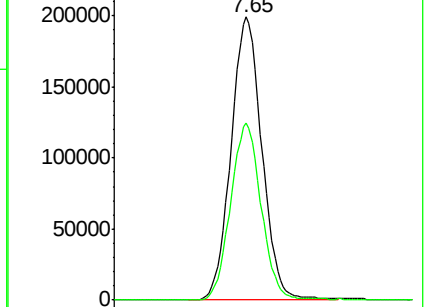
168 100

99 62.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.157 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058359.D

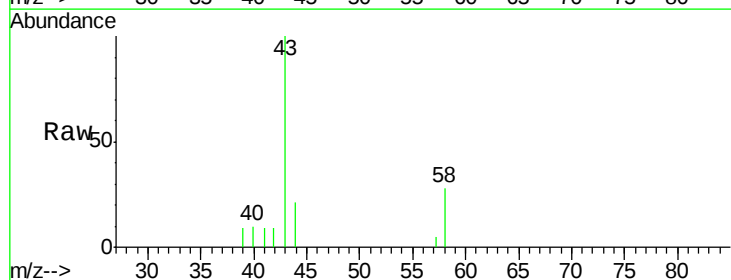
Acq: 25 Sep 2019 12:14

Tgt Ion: 43 Resp: 9380

Ion Ratio Lower Upper

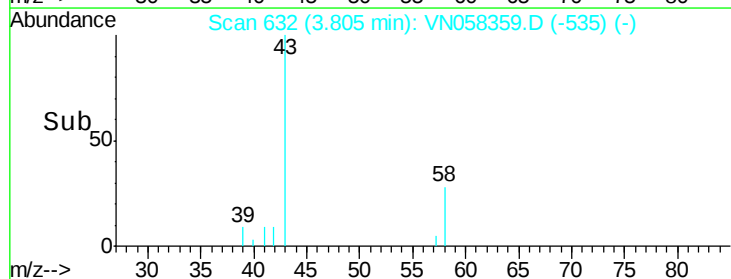
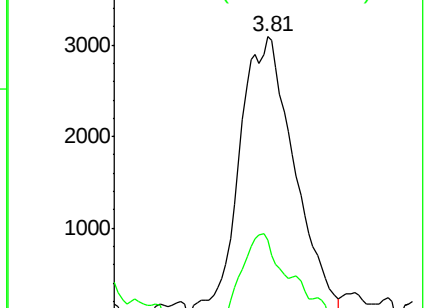
43 100

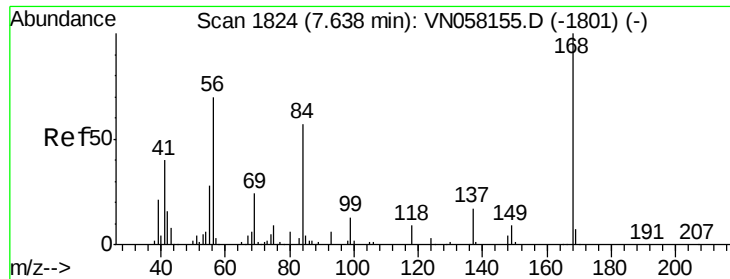
58 28.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

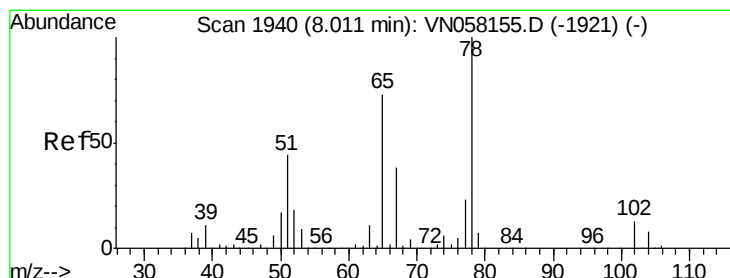
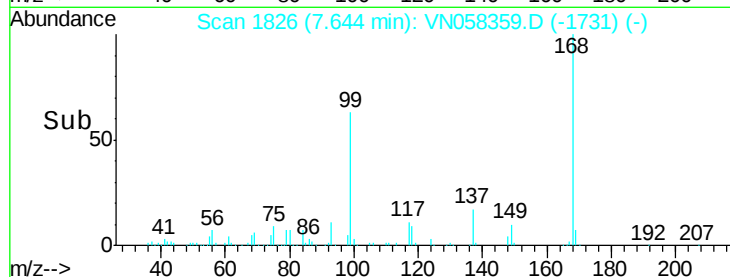
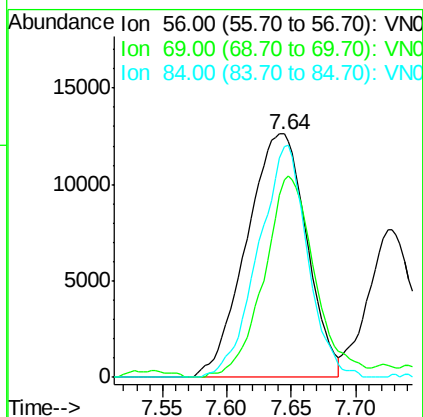
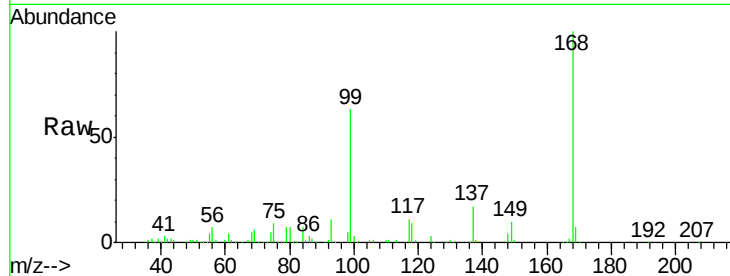




#31
Cyclohexane
Concen: 5.239 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

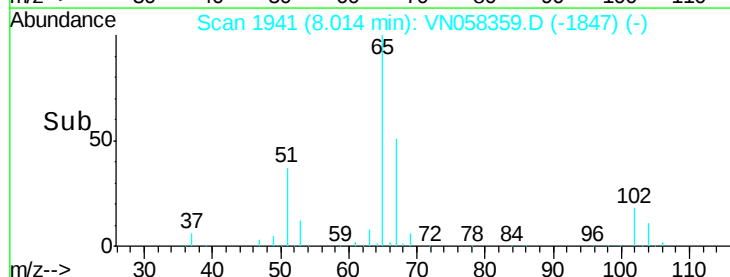
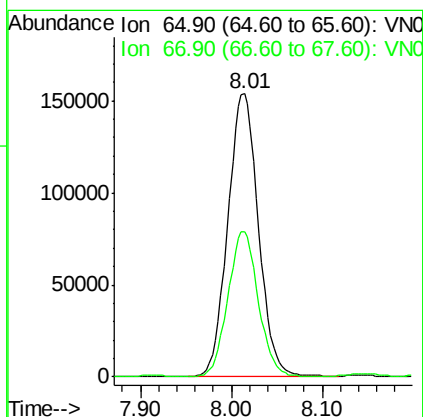
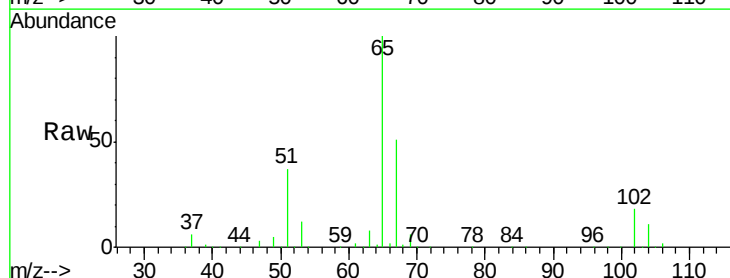
Instrument :
MSVOA_N
ClientSampleId :
TWP-9DL

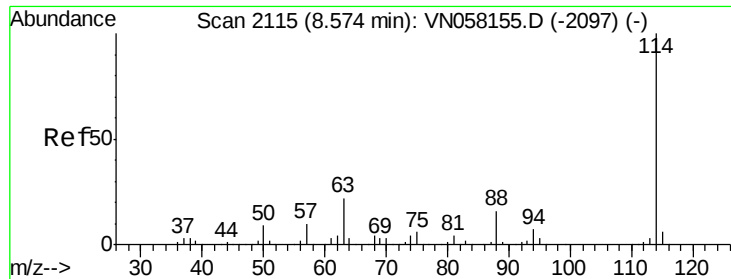
Tot Ion: 56 Resp: 40950
Ion Ratio Lower Upper
56 100
69 81.0 27.3 40.9#
84 94.9 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 54.186 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

Tgt Ion: 65 Resp: 360211
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4

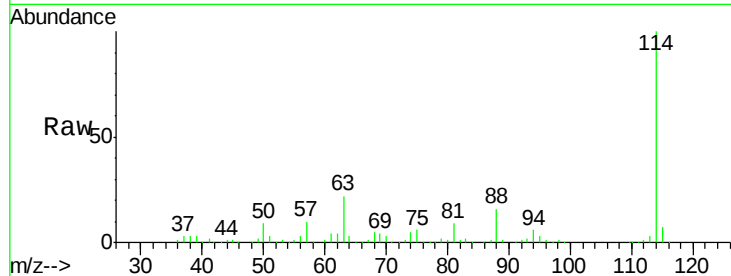




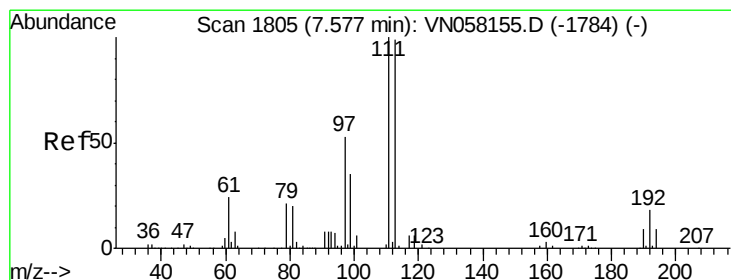
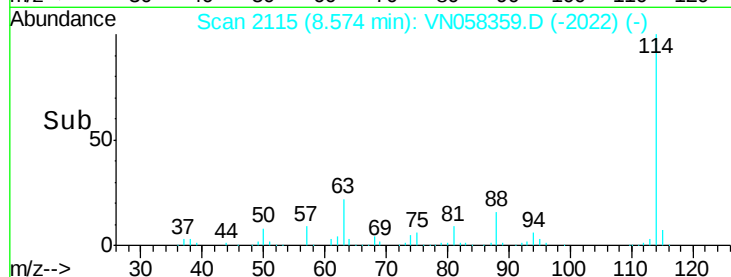
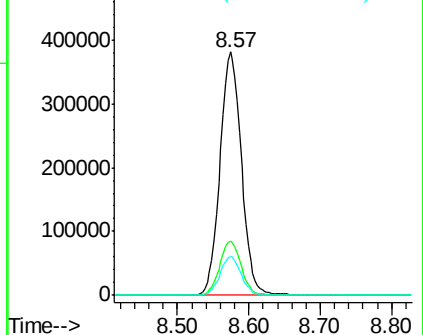
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058359.D
 Acq: 25 Sep 2019 12:14

Instrument :
 MSVOA_N
 ClientSampled :
 TWP-9DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	16.0	0.0	31.6

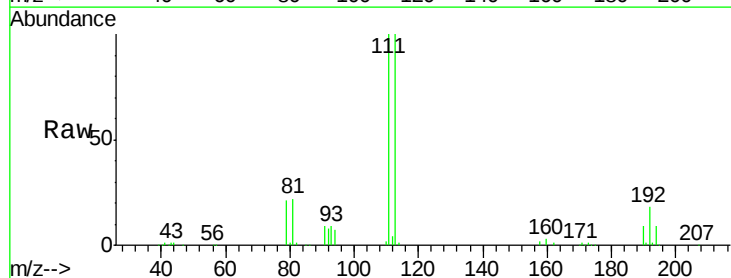


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

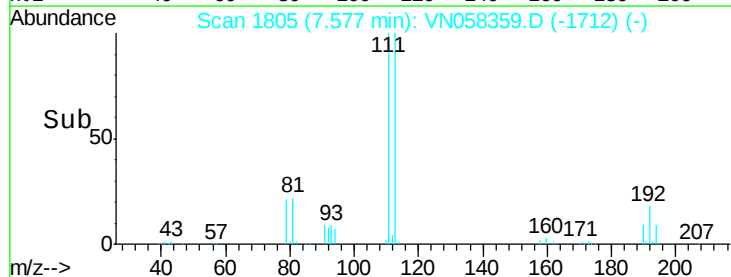
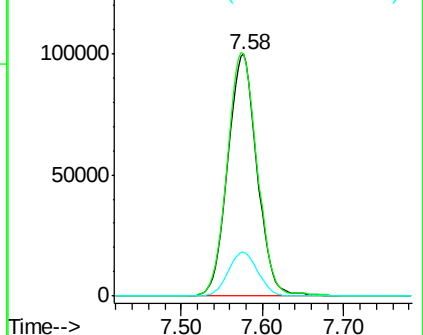


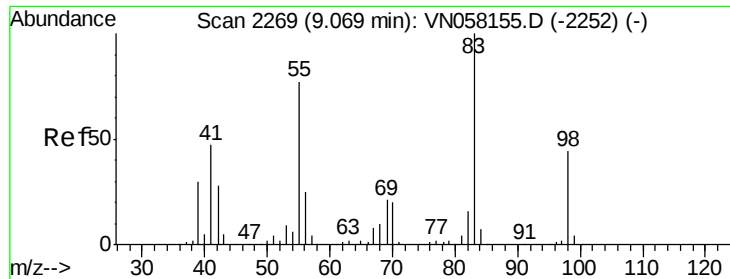
#35
 Dibromofluoromethane
 Concen: 51.967 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058359.D
 Acq: 25 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	18.5	14.5	21.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

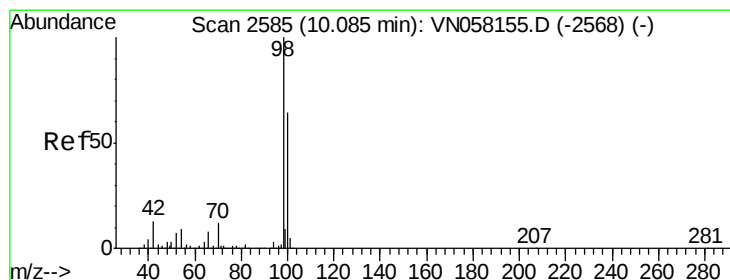
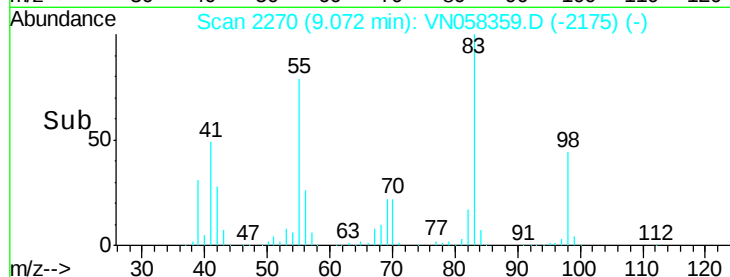
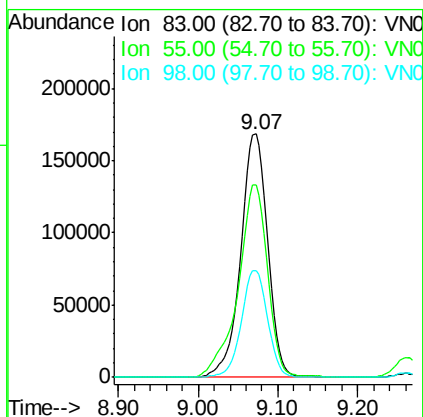
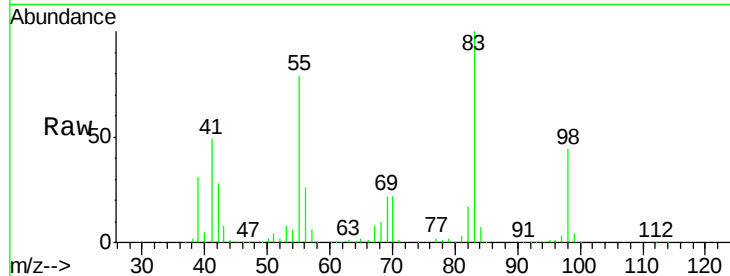




#39
Methvlcvclohexane
Concen: 68.774 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

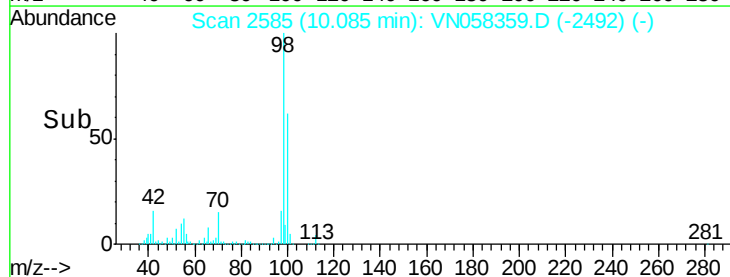
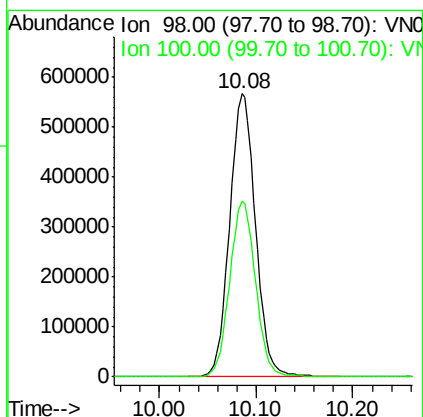
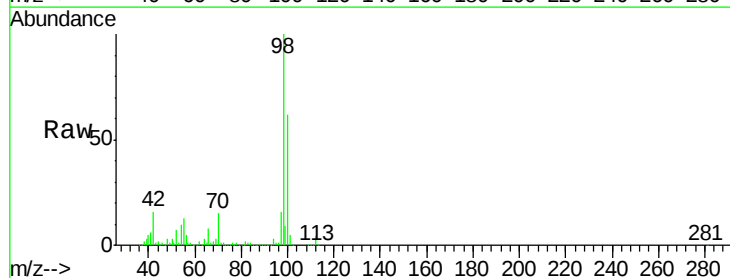
Instrument :
MSVOA_N
ClientSampled :
TWP-9DL

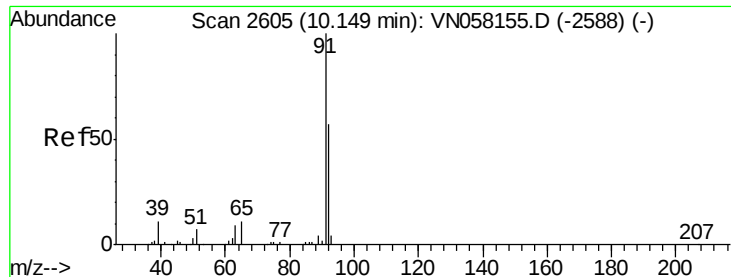
Tot Ion: 83 Resp: 381791
Ion Ratio Lower Upper
83 100
55 78.9 61.9 92.9
98 44.0 35.4 53.2



#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

Tgt Ion: 98 Resp: 1051948
Ion Ratio Lower Upper
98 100
100 62.2 51.1 76.7





#52

Toluene

Concen: 0.308 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058359.D

Acq: 25 Sep 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

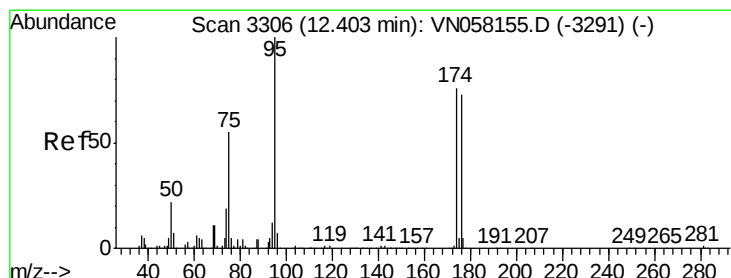
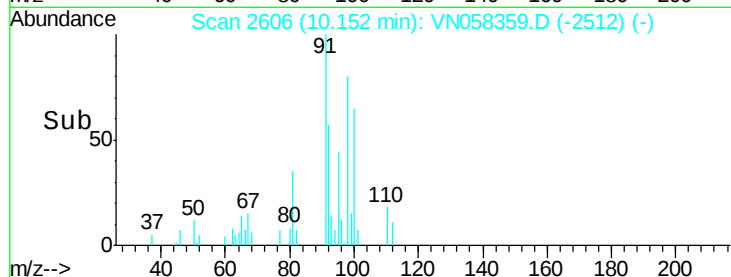
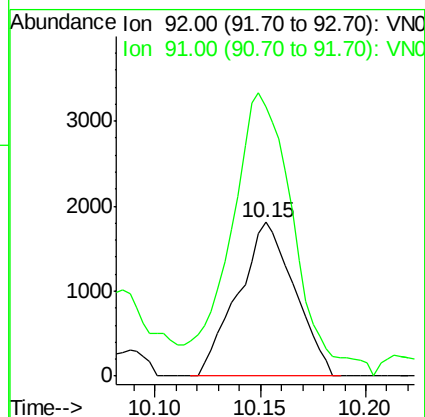
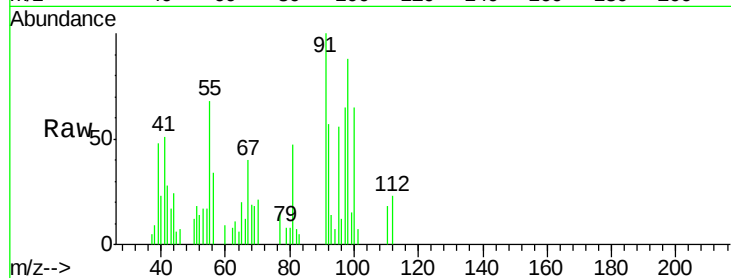
TWP-9DL

Tot Ion: 92 Resp: 3382

Ion Ratio Lower Upper

92 100

91 204.4 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 50.545 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058359.D

Acq: 25 Sep 2019 12:14

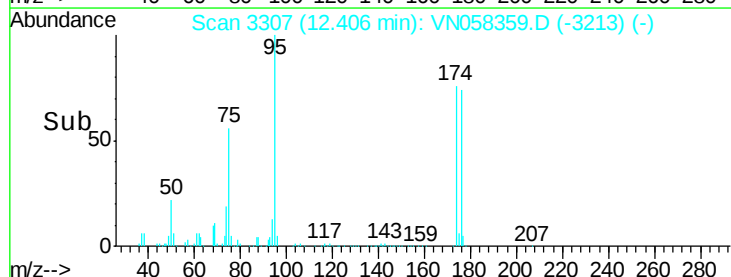
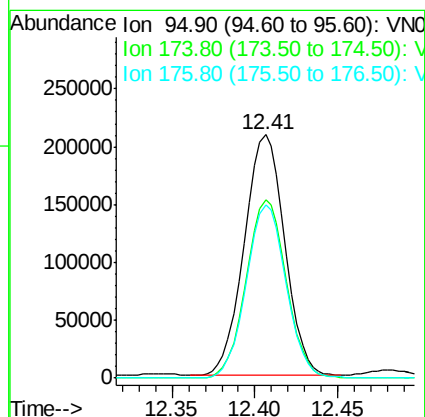
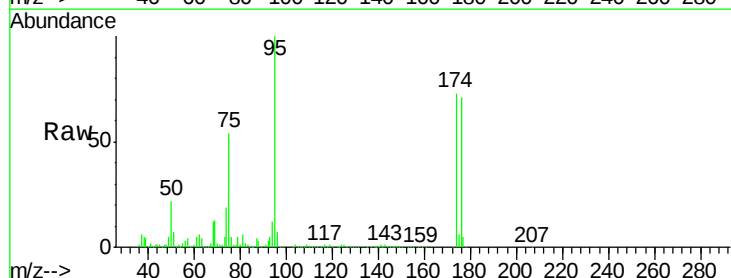
Tgt Ion: 95 Resp: 353932

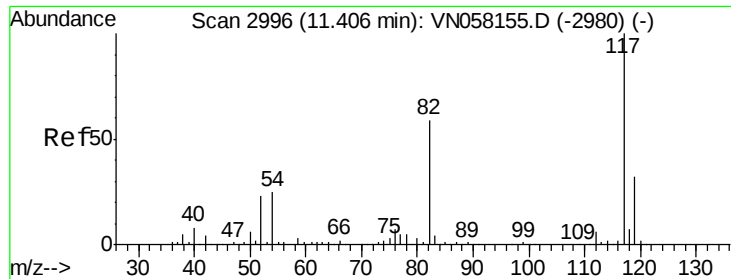
Ion Ratio Lower Upper

95 100

174 73.7 0.0 152.2

176 71.3 0.0 148.0

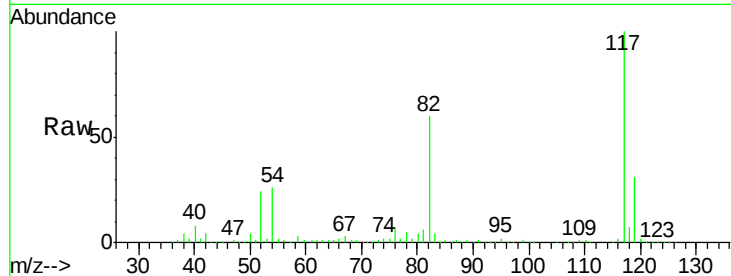




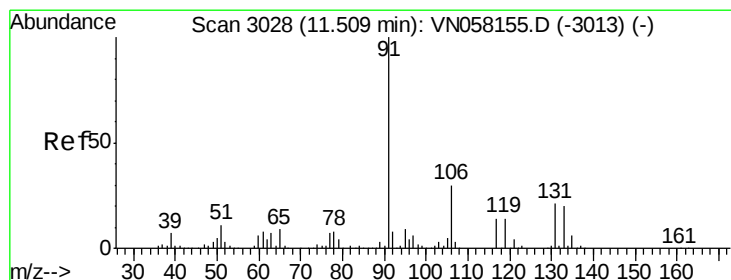
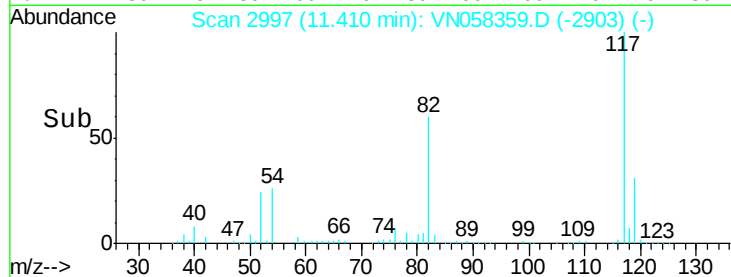
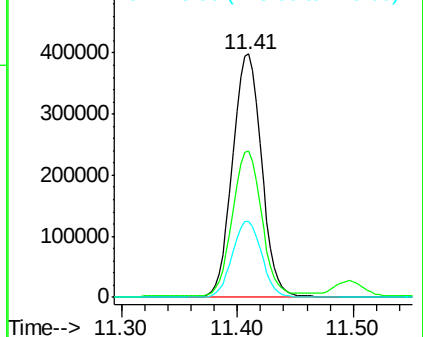
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

Instrument :
MSVOA_N
ClientSampled :
TWP-9DL

Tot Ion:117 Resp: 692883
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 31.4 25.3 37.9

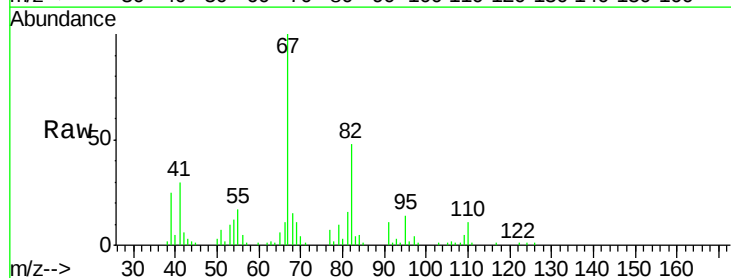


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

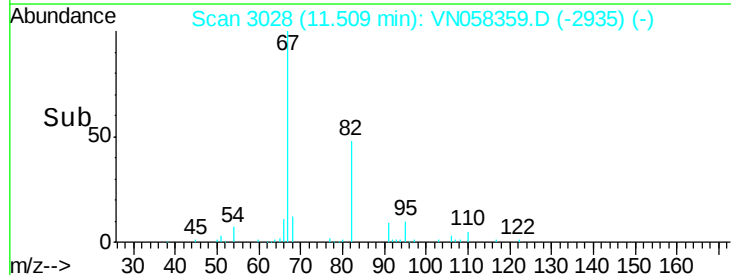
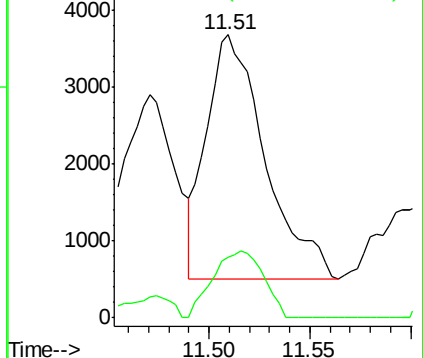


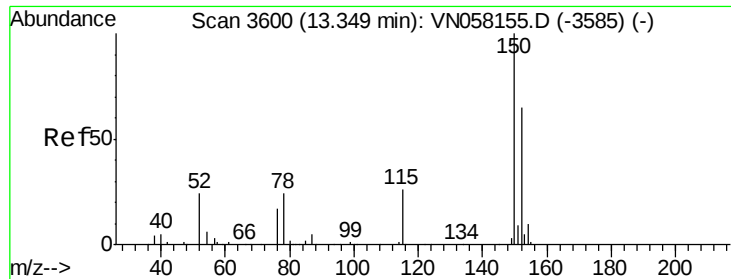
#67
Ethyl Benzene
Concen: 0.309 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

Tgt Ion: 91 Resp: 6447
Ion Ratio Lower Upper
91 100
106 24.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058359.D

Acq: 25 Sep 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

TWP-9DL

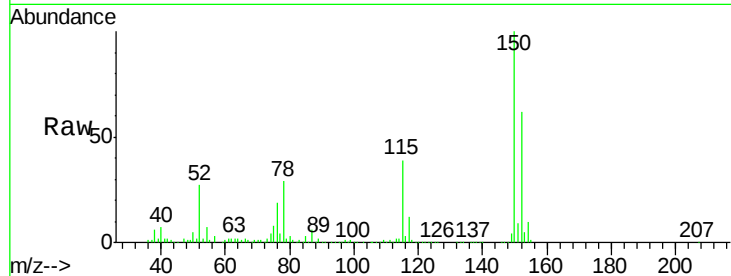
Tot Ion:152 Resp: 305257

Ion Ratio Lower Upper

152 100

115 62.1 30.1 90.3

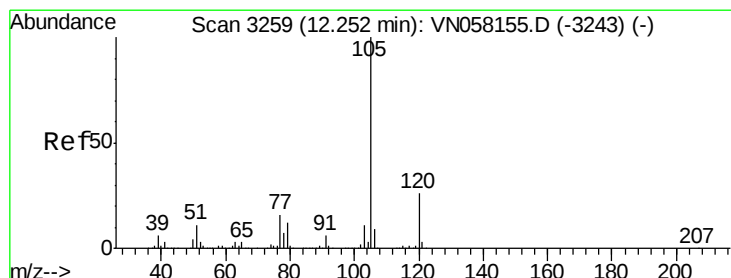
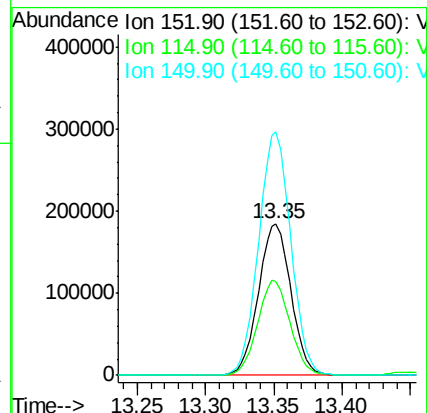
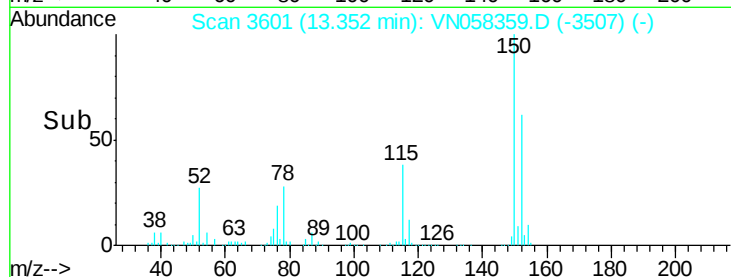
150 159.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 25.336 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058359.D

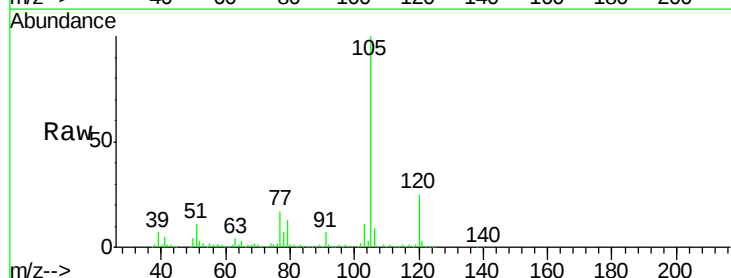
Acq: 25 Sep 2019 12:14

Tgt Ion:105 Resp: 484107

Ion Ratio Lower Upper

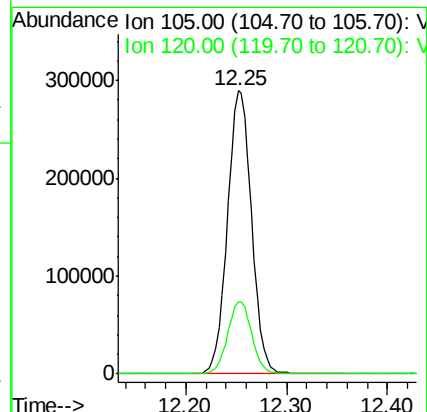
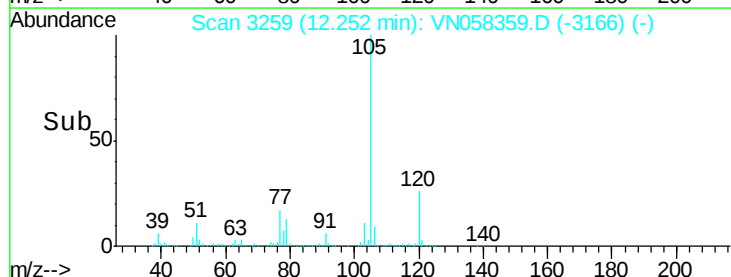
105 100

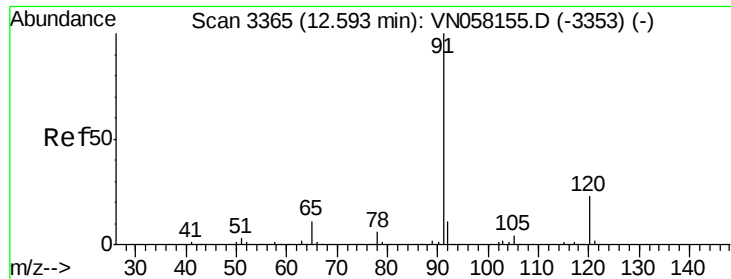
120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

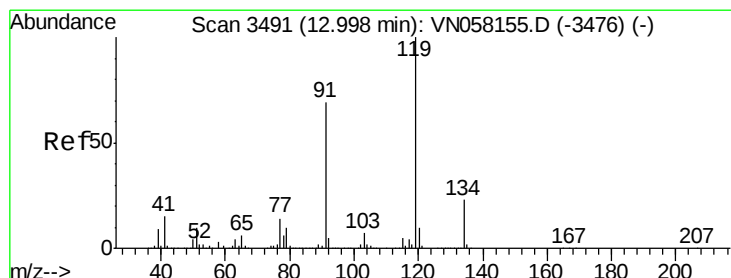
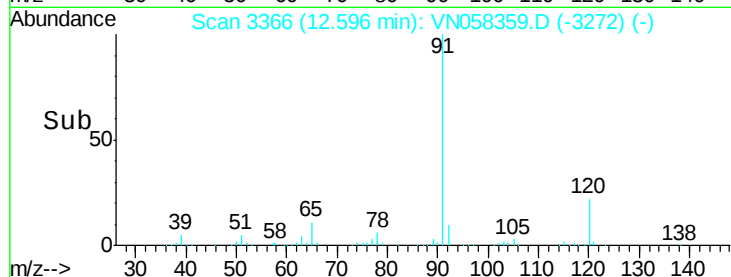
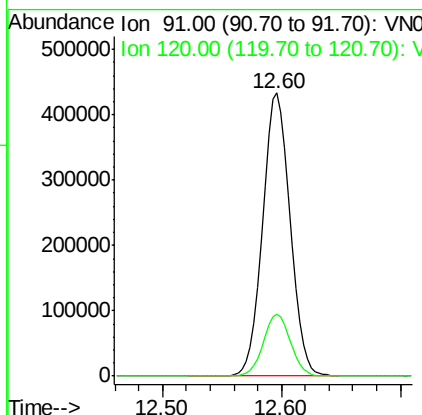
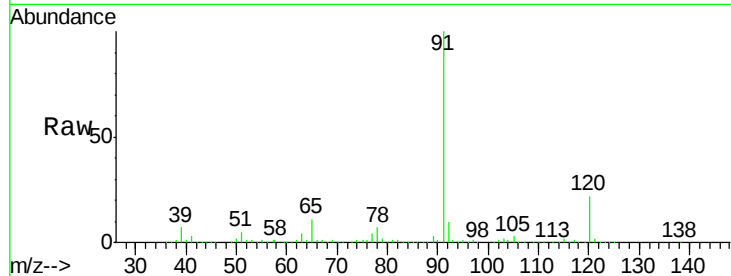




#78
n-propylbenzene
Concen: 31.751 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

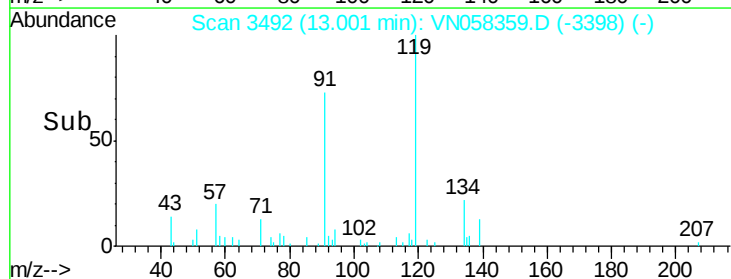
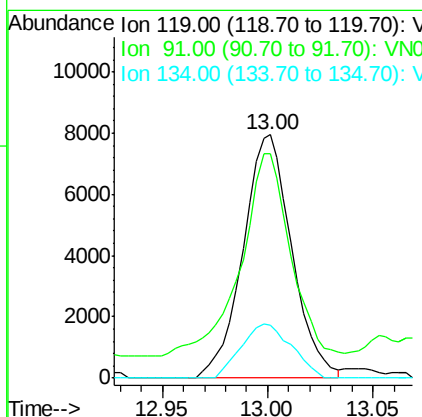
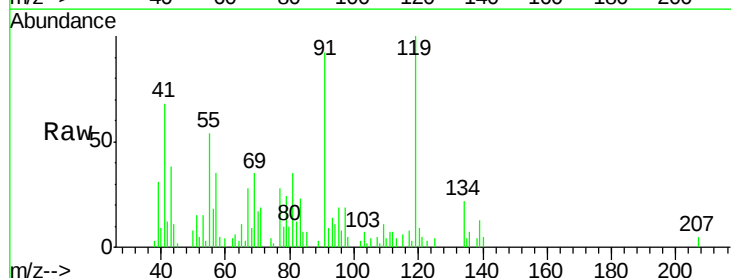
Instrument :
MSVOA_N
ClientSampleId :
TWP-9DL

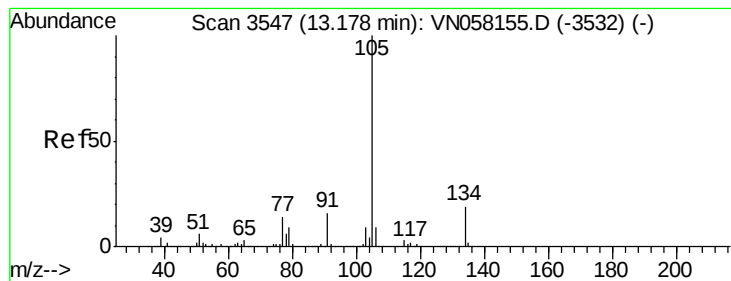
Tot Ion: 91 Resp: 689389
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.3



#83
tert-Butylbenzene
Concen: 0.885 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058359.D
Acq: 25 Sep 2019 12:14

Tgt Ion: 119 Resp: 12756
Ion Ratio Lower Upper
119 100
91 85.0 33.8 101.3
134 23.0 11.6 34.8





#85

sec-Butylbenzene

Concen: 7.543 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058359.D

Acq: 25 Sep 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

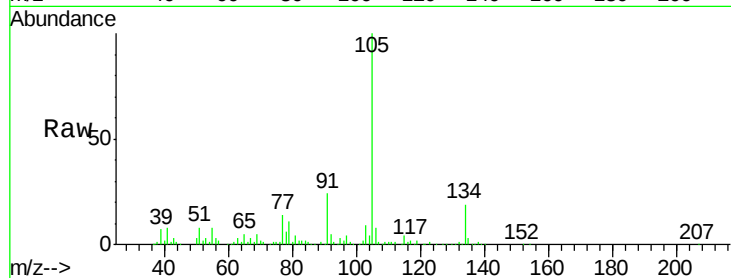
TWP-9DL

Tot Ion:105 Resp: 142117

Ion Ratio Lower Upper

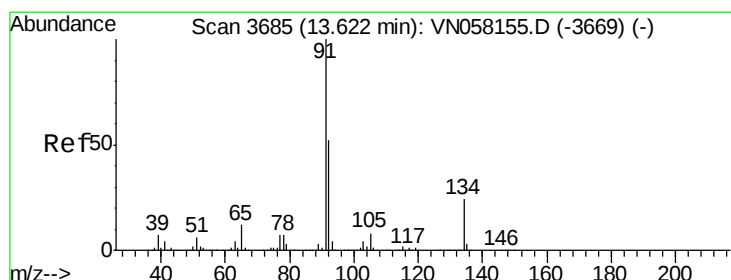
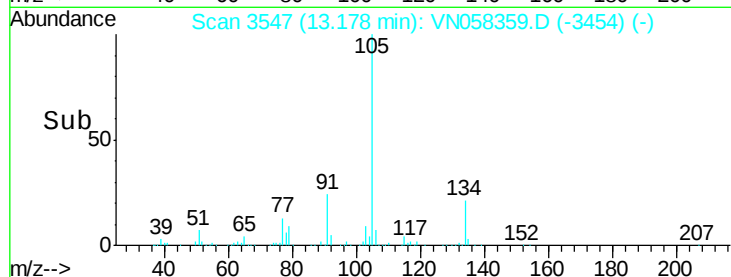
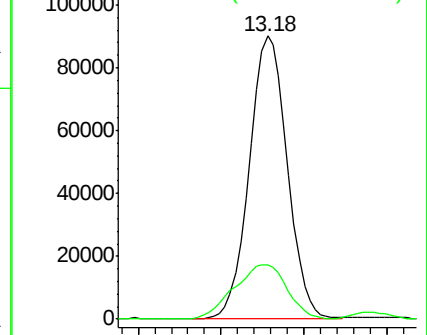
105 100

134 26.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 6.817 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058359.D

Acq: 25 Sep 2019 12:14

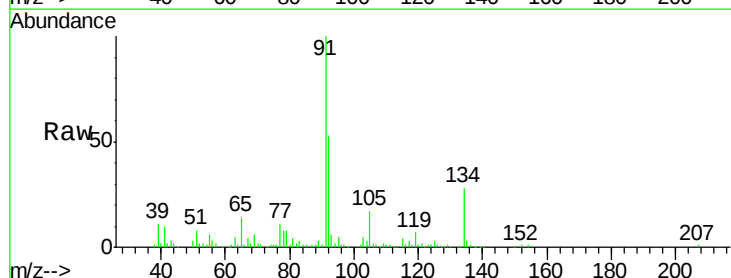
Tgt Ion: 91 Resp: 108258

Ion Ratio Lower Upper

91 100

92 45.8 25.7 77.0

134 48.9 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

