

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058394.D
 Acq On : 26 Sep 2019 18:39
 Operator : JC/SP
 Sample : K5037-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30335

Quant Time: Sep 27 05:50:17 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	508309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	798146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	645990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267399	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	343375	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
35) Dibromofluoromethane	7.57	113	234345	48.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.60%	
50) Toluene-d8	10.08	98	978264	51.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.41	95	315486	44.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.86%	

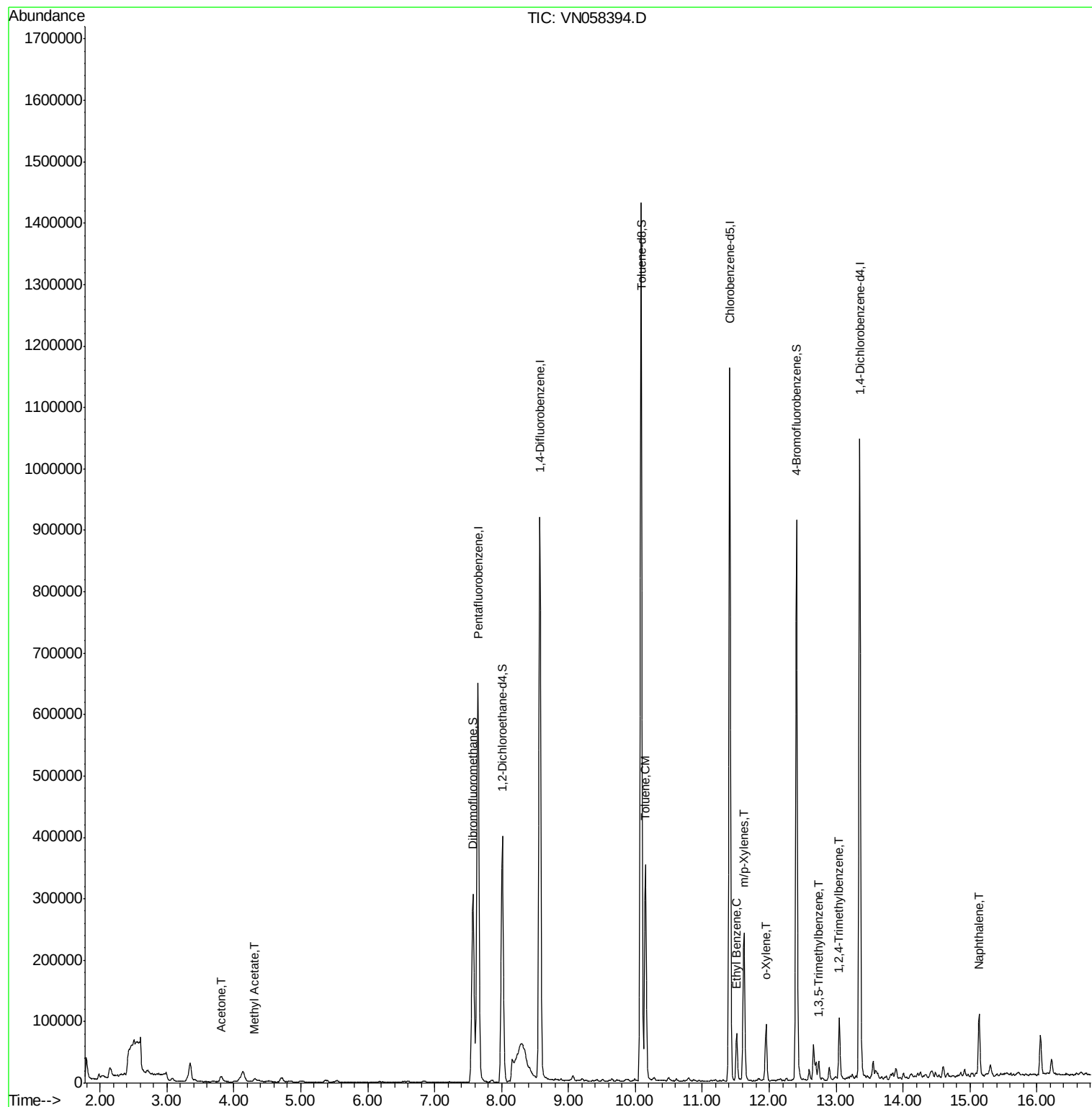
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	16431	6.837	ug/l #	84
18) Methyl Acetate	4.32	43	9027	1.428	ug/l	92
52) Toluene	10.15	92	149457	13.565	ug/l	100
67) Ethyl Benzene	11.51	91	54355	2.792	ug/l	100
68) m/p-Xylenes	11.62	106	75262	10.264	ug/l	97
69) o-Xylene	11.95	106	24302	3.370	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	14099	0.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	56389	4.003	ug/l	99
95) Naphthalene	15.14	128	78595	6.153	ug/l	99

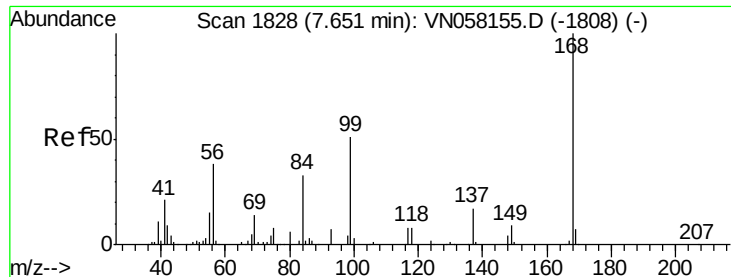
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

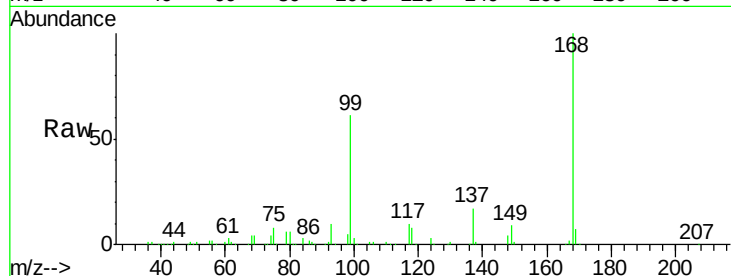
30335

Tot Ion:168 Resp: 508309

Ion Ratio Lower Upper

168 100

99 60.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

250000

200000

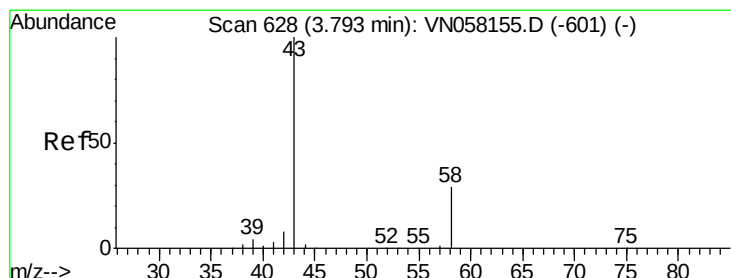
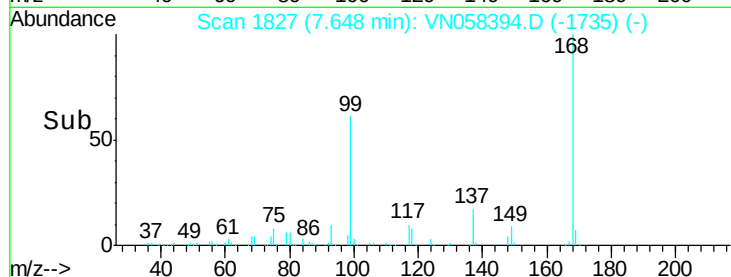
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.837 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058394.D

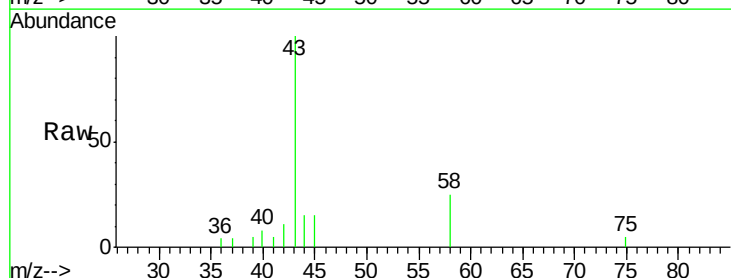
Acq: 26 Sep 2019 18:39

Tgt Ion: 43 Resp: 16431

Ion Ratio Lower Upper

43 100

58 20.9 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN058155.D (-601) (-)

3.81

6000

5000

4000

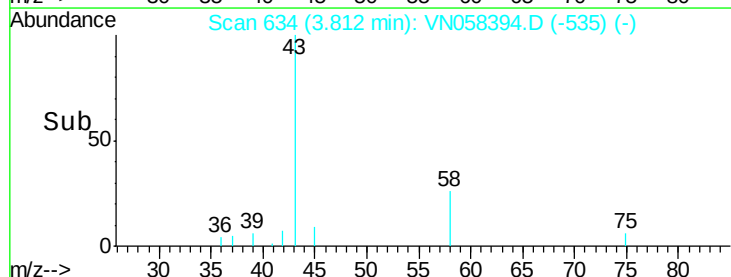
3000

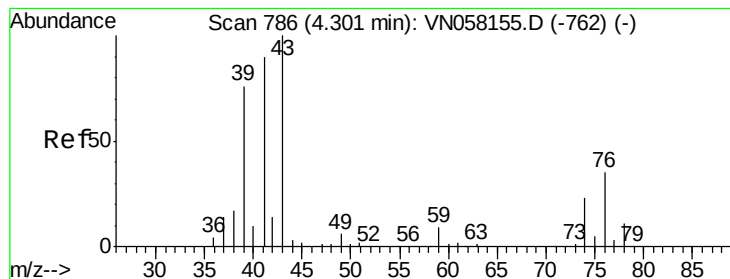
2000

1000

0

Time-->





#18

Methvl Acetate

Concen: 1.428 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

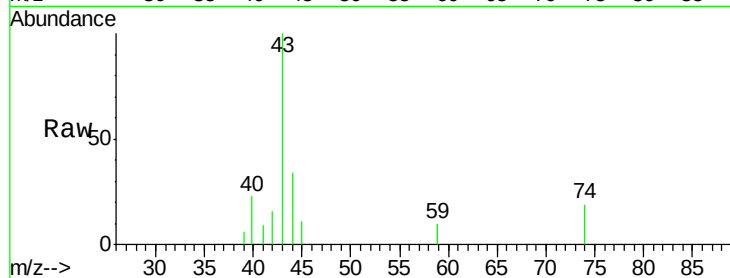
30335

Tot Ion: 43 Resp: 9027

Ion Ratio Lower Upper

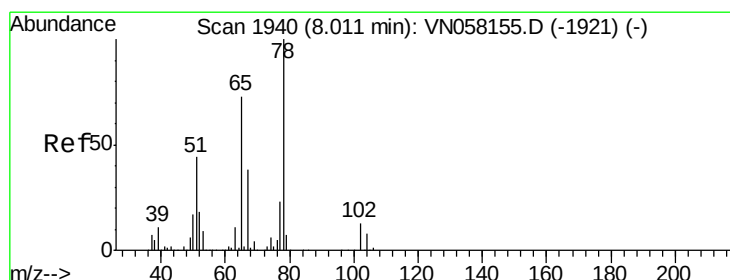
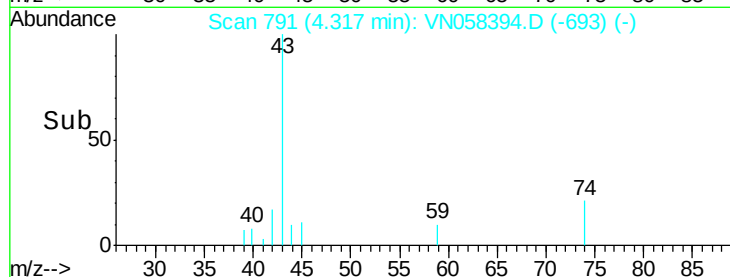
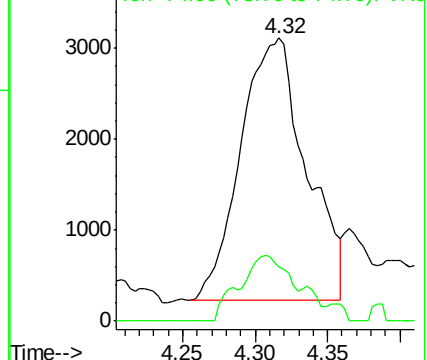
43 100

74 18.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058394.D

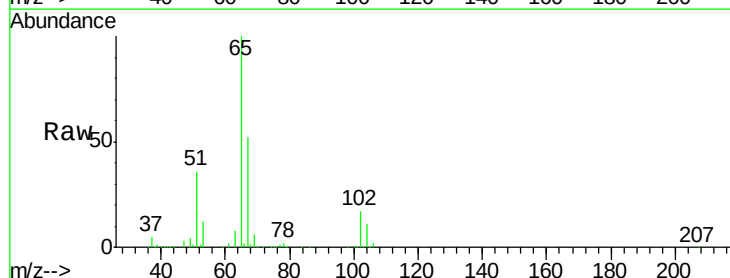
Acq: 26 Sep 2019 18:39

Tgt Ion: 65 Resp: 343375

Ion Ratio Lower Upper

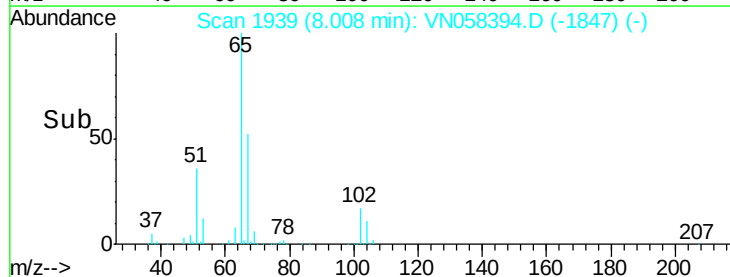
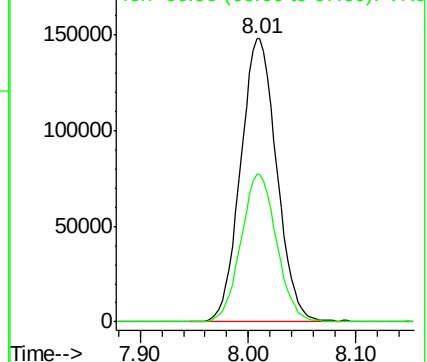
65 100

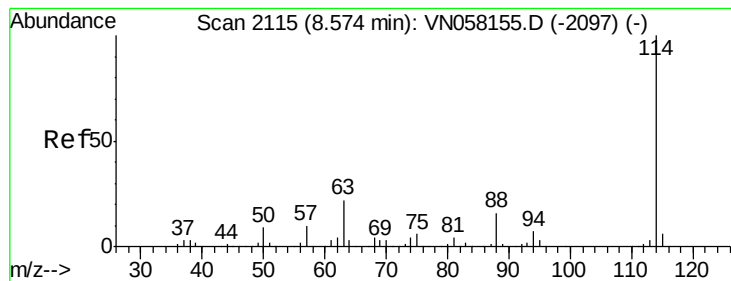
67 51.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

30335

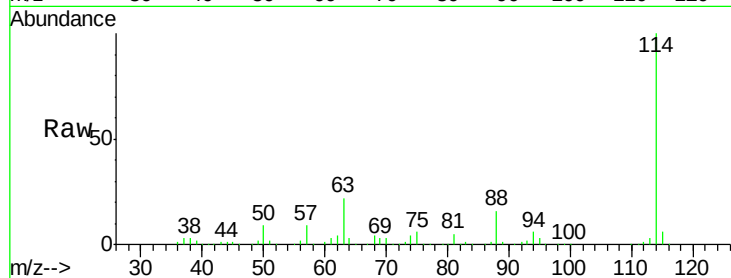
Tot Ion:114 Resp: 798146

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

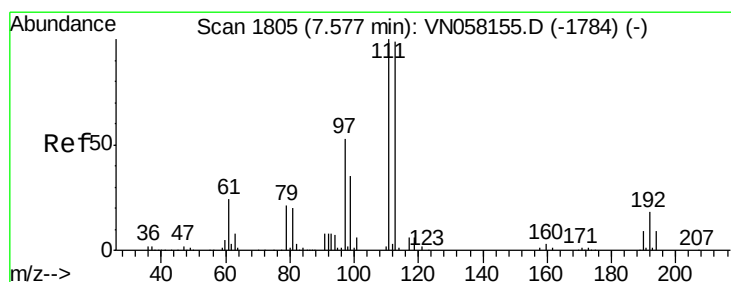
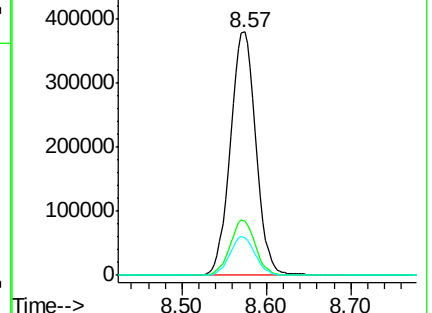
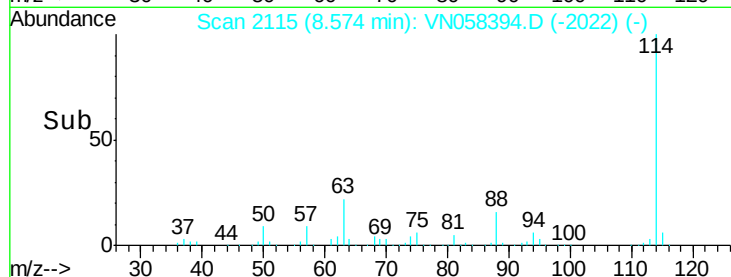
88 15.7 0.0 31.6



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: 48.298 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

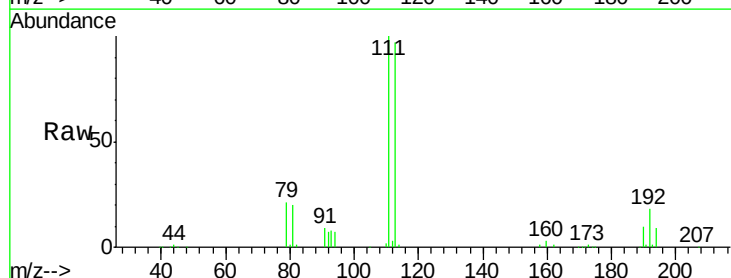
Tgt Ion:113 Resp: 234345

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

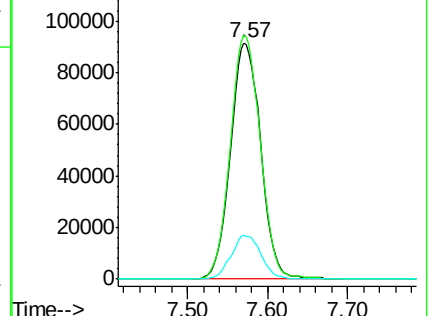
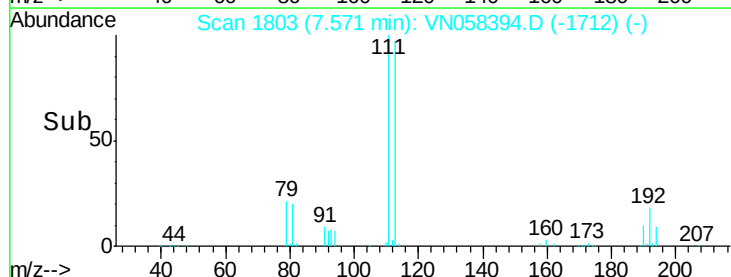
192 18.3 14.5 21.7

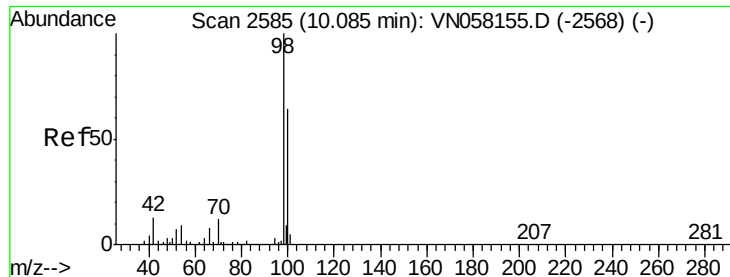


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

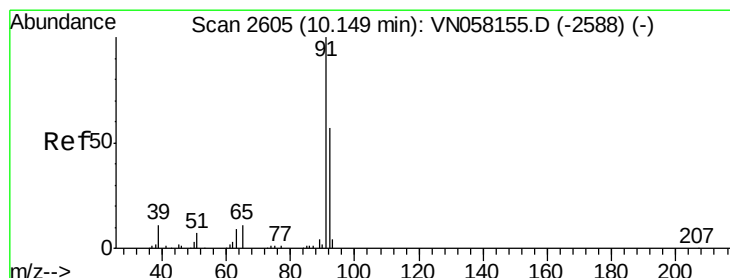
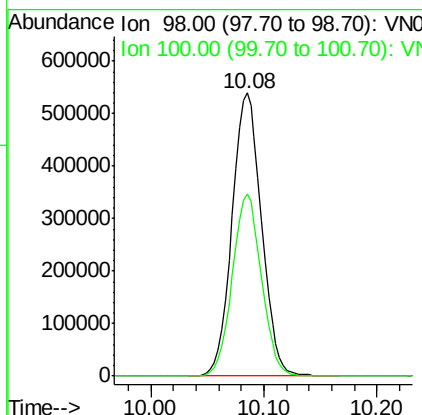
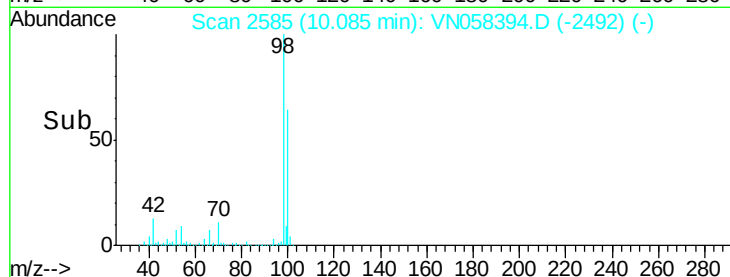
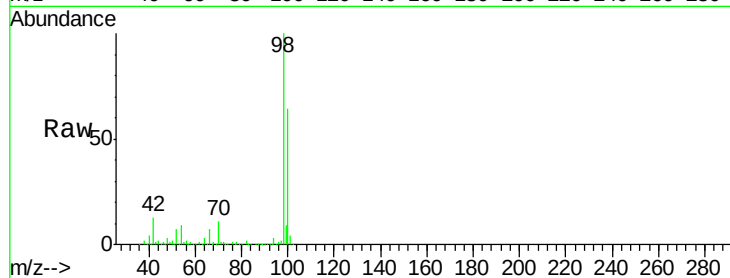




#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

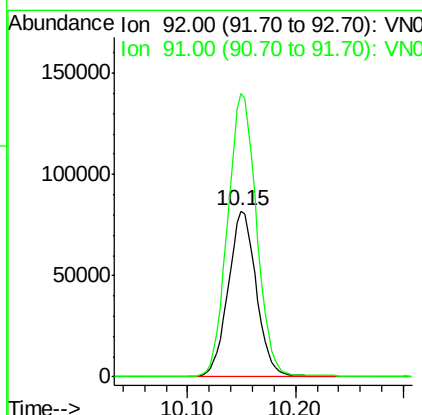
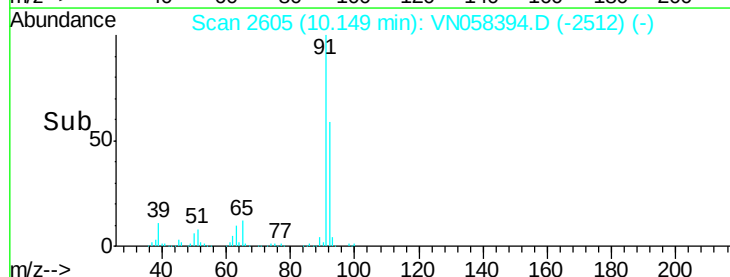
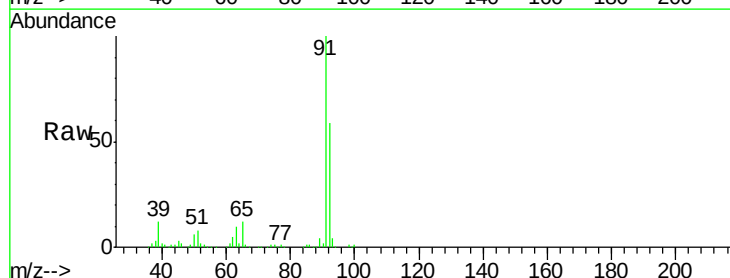
Instrument :
MSVOA_N
ClientSampled :
30335

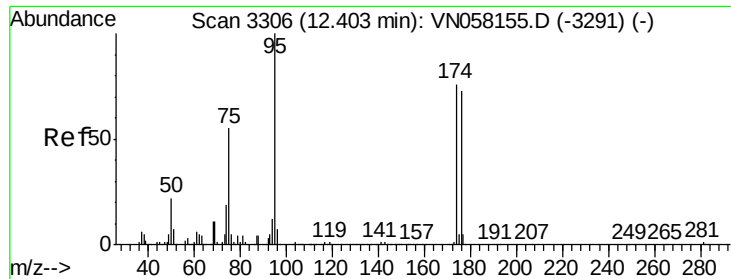
Tot Ion: 98 Resp: 978264
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#52
Toluene
Concen: 13.565 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 92 Resp: 149457
Ion Ratio Lower Upper
92 100
91 174.7 140.2 210.2

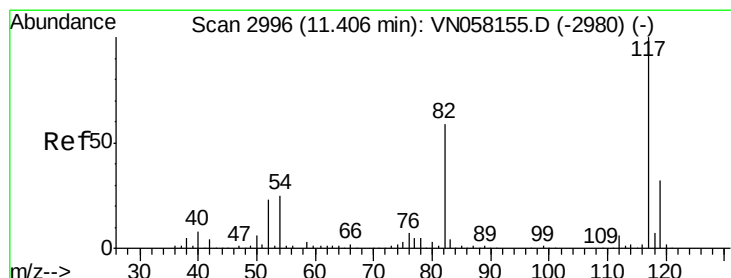
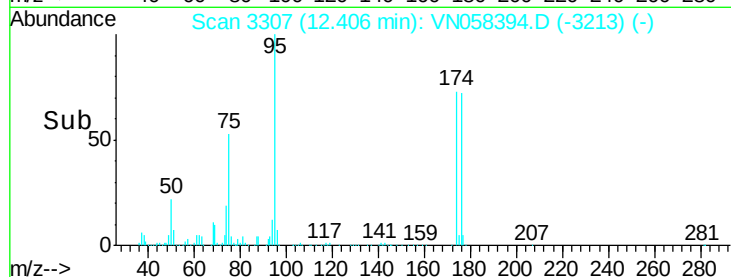
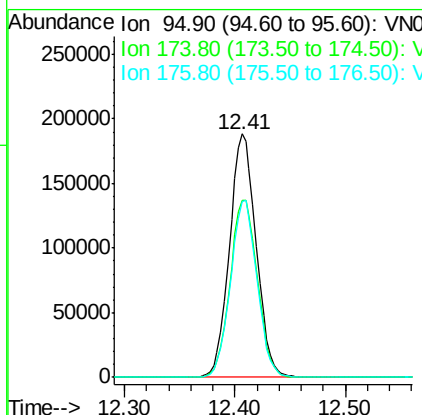
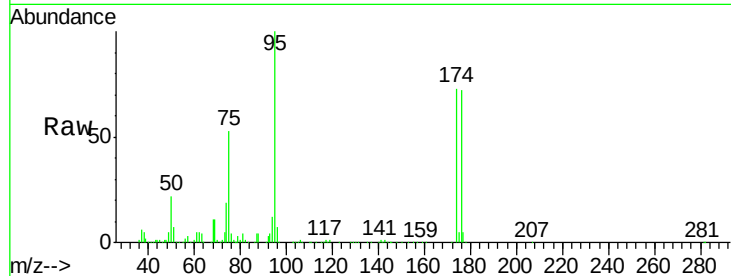




#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

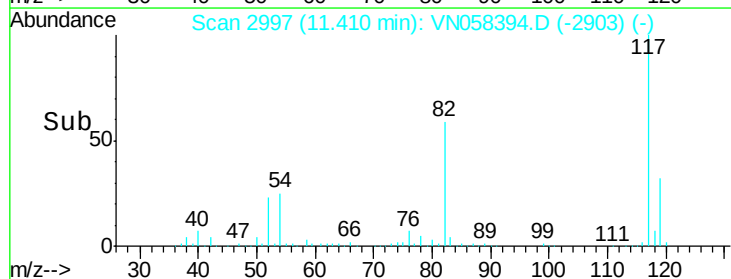
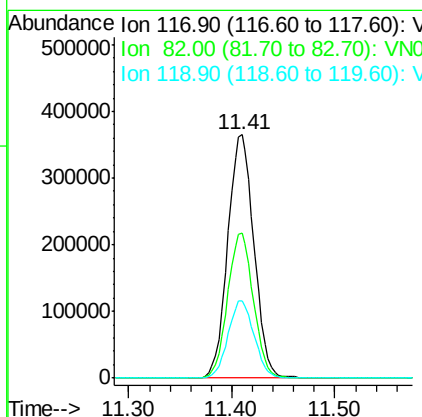
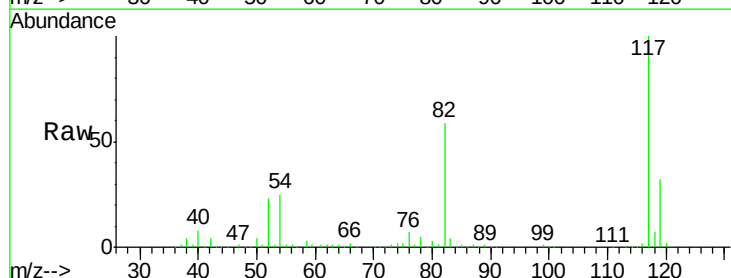
Instrument :
MSVOA_N
ClientSampled :
30335

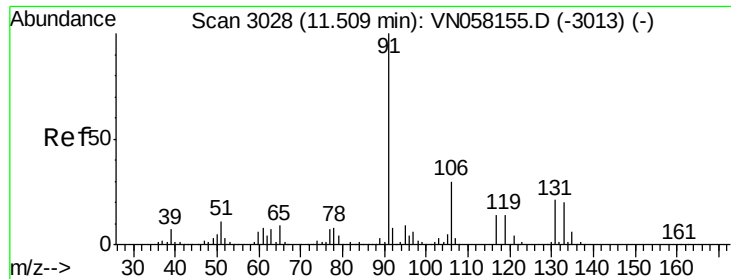
Tot Ion: 95 Resp: 315486
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.2
176 72.5 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 117 Resp: 645990
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 31.8 25.3 37.9

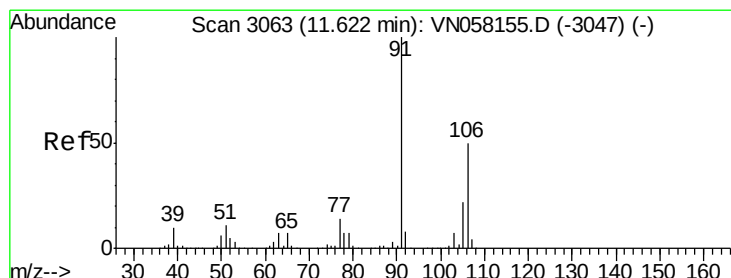
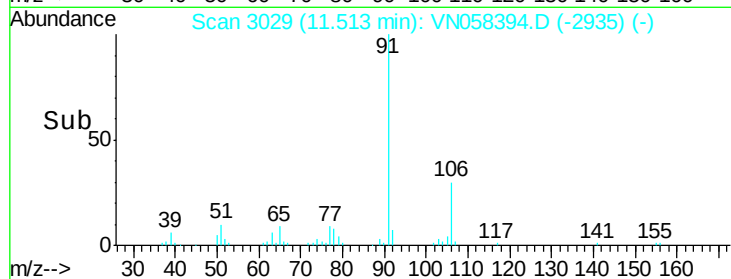
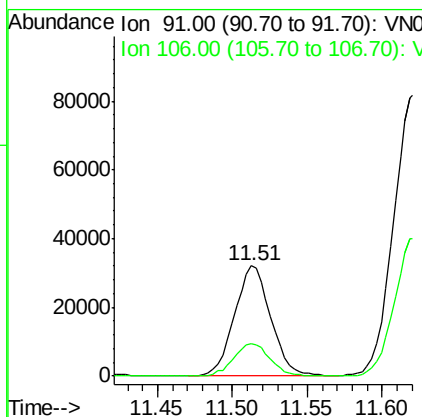
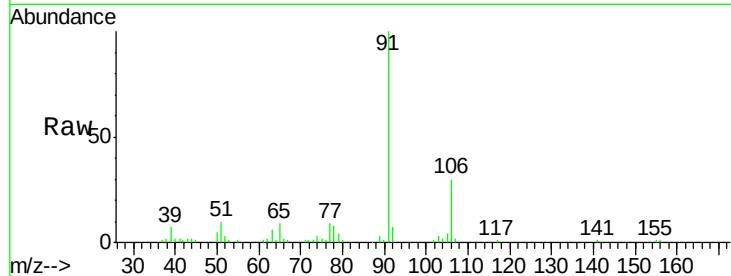




#67
Ethyl Benzene
Concen: 2.792 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

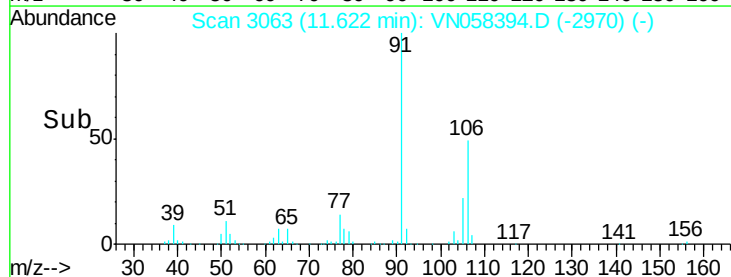
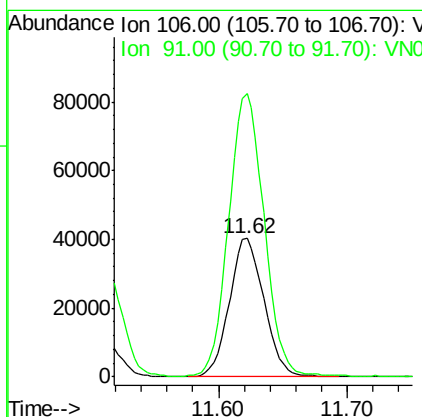
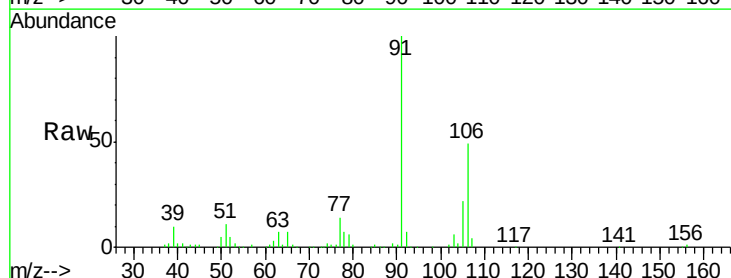
Instrument :
MSVOA_N
ClientSampled :
30335

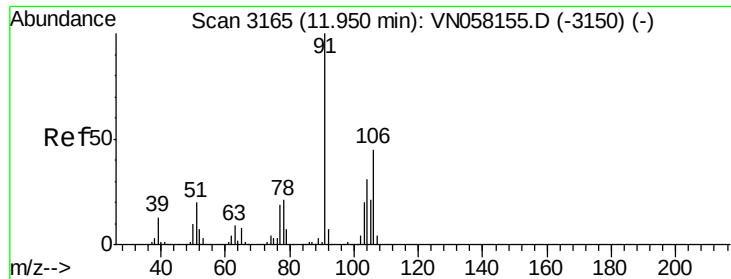
Tot Ion: 91 Resp: 54355
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 10.264 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058394.D
Acq: 26 Sep 2019 18:39

Tgt Ion: 106 Resp: 75262
Ion Ratio Lower Upper
106 100
91 208.4 163.6 245.4





#69

o-Xylene

Concen: 3.370 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

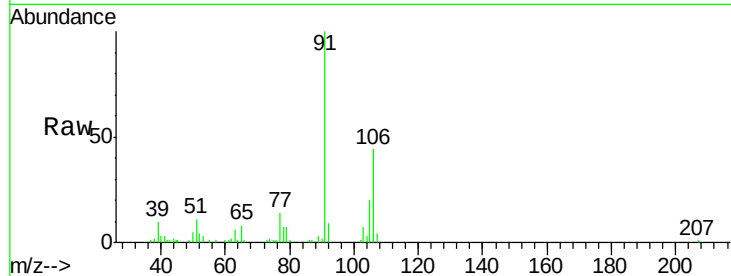
30335

Tot Ion:106 Resp: 24302

Ion Ratio Lower Upper

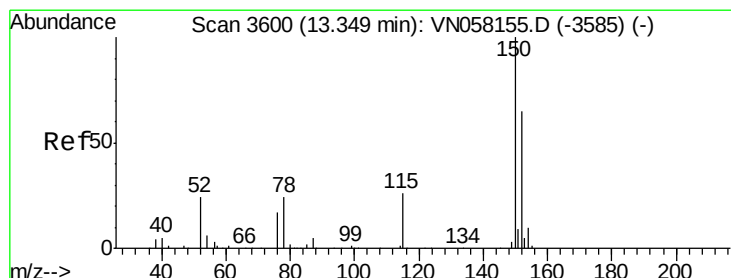
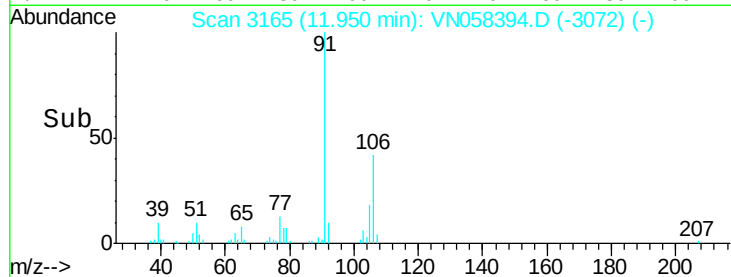
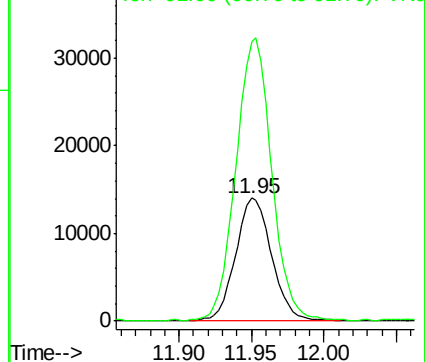
106 100

91 228.3 111.8 335.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

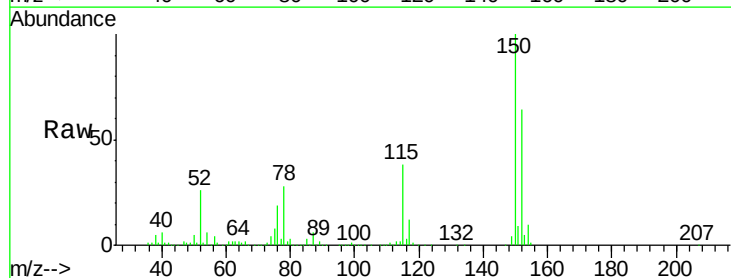
Tgt Ion:152 Resp: 267399

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

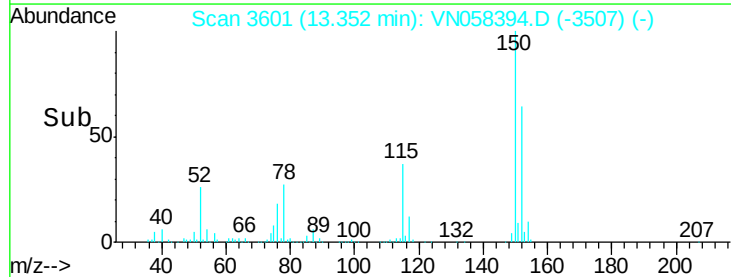
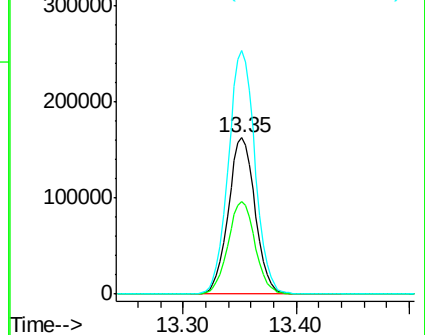
150 155.0 0.0 346.4

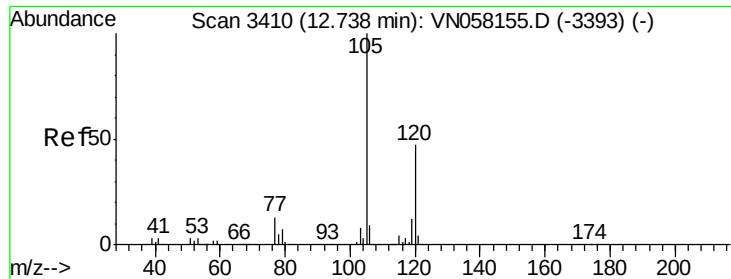


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

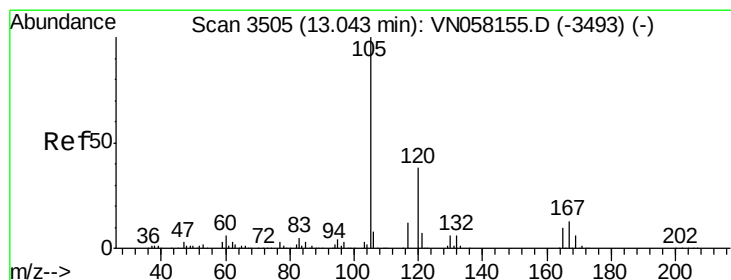
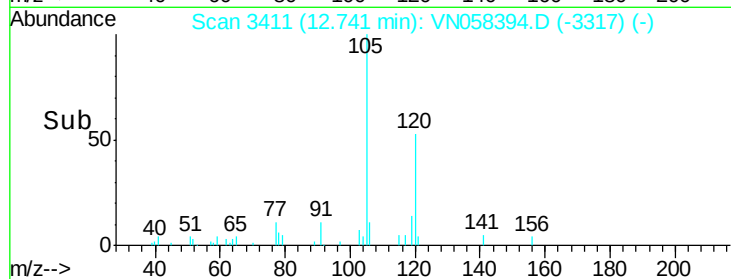
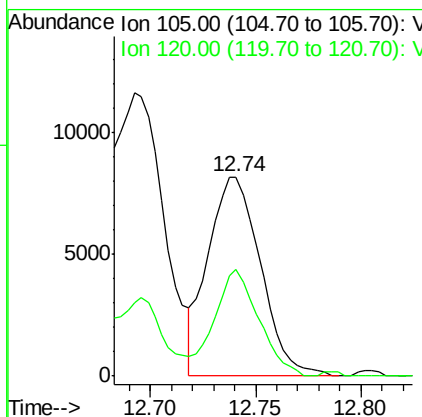
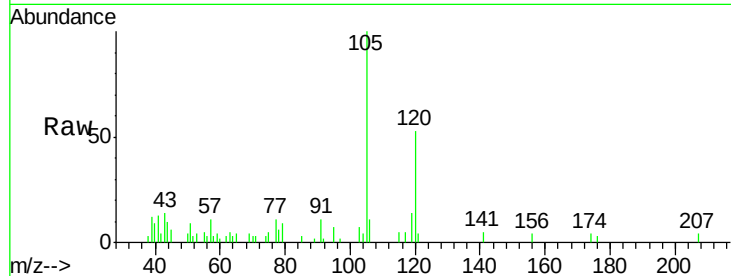




#80
 1,3,5-Trimethylbenzene
 Concen: 0.996 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

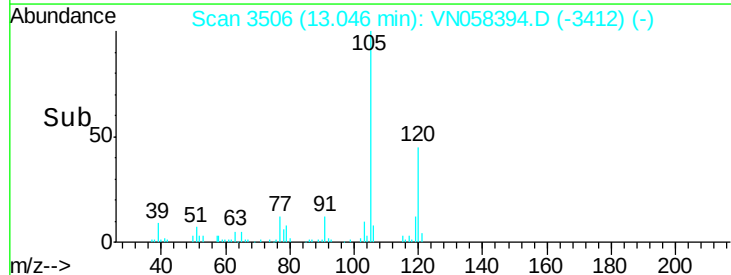
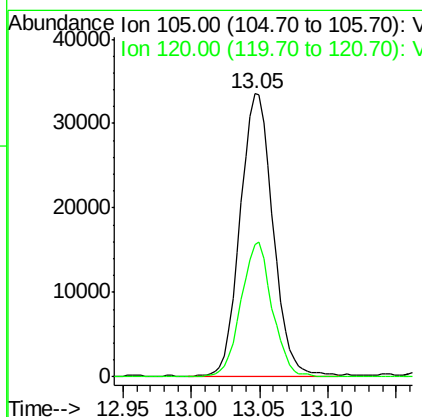
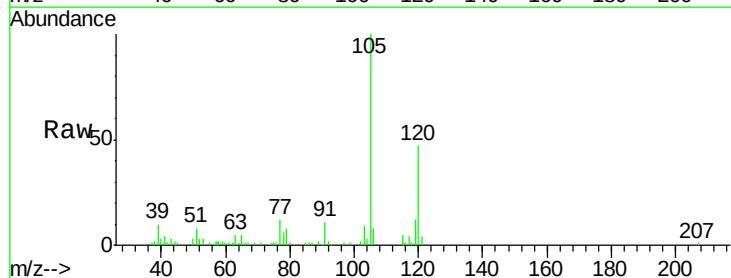
Instrument :
 MSVOA_N
 ClientSampled :
 30335

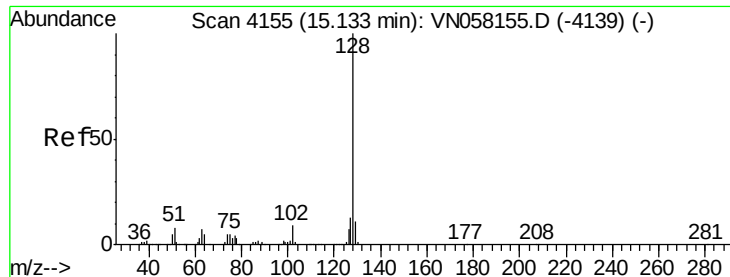
Tot Ion:105 Resp: 14099
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.4 70.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.003 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058394.D
 Acq: 26 Sep 2019 18:39

Tgt Ion:105 Resp: 56389
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.5





#95

Naphthalene

Concen: 6.153 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058394.D

Acq: 26 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

30335

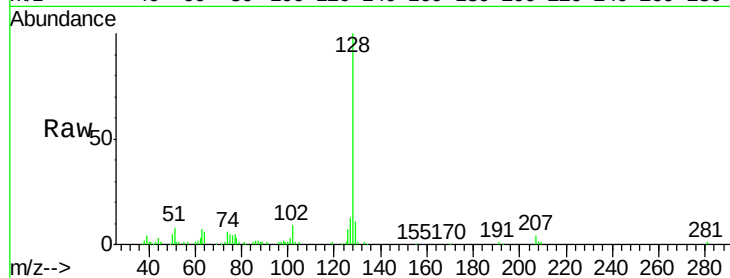
Tot Ion:128 Resp: 78595

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

