

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055858.D
 Acq On : 28 May 2019 17:27
 Operator : JC/SP
 Sample : K3065-07
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0

Quant Time: May 29 06:06:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	362577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	169334	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
35) Dibromofluoromethane	7.59	113	148413	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
50) Toluene-d8	10.09	98	613340	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	223619	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	

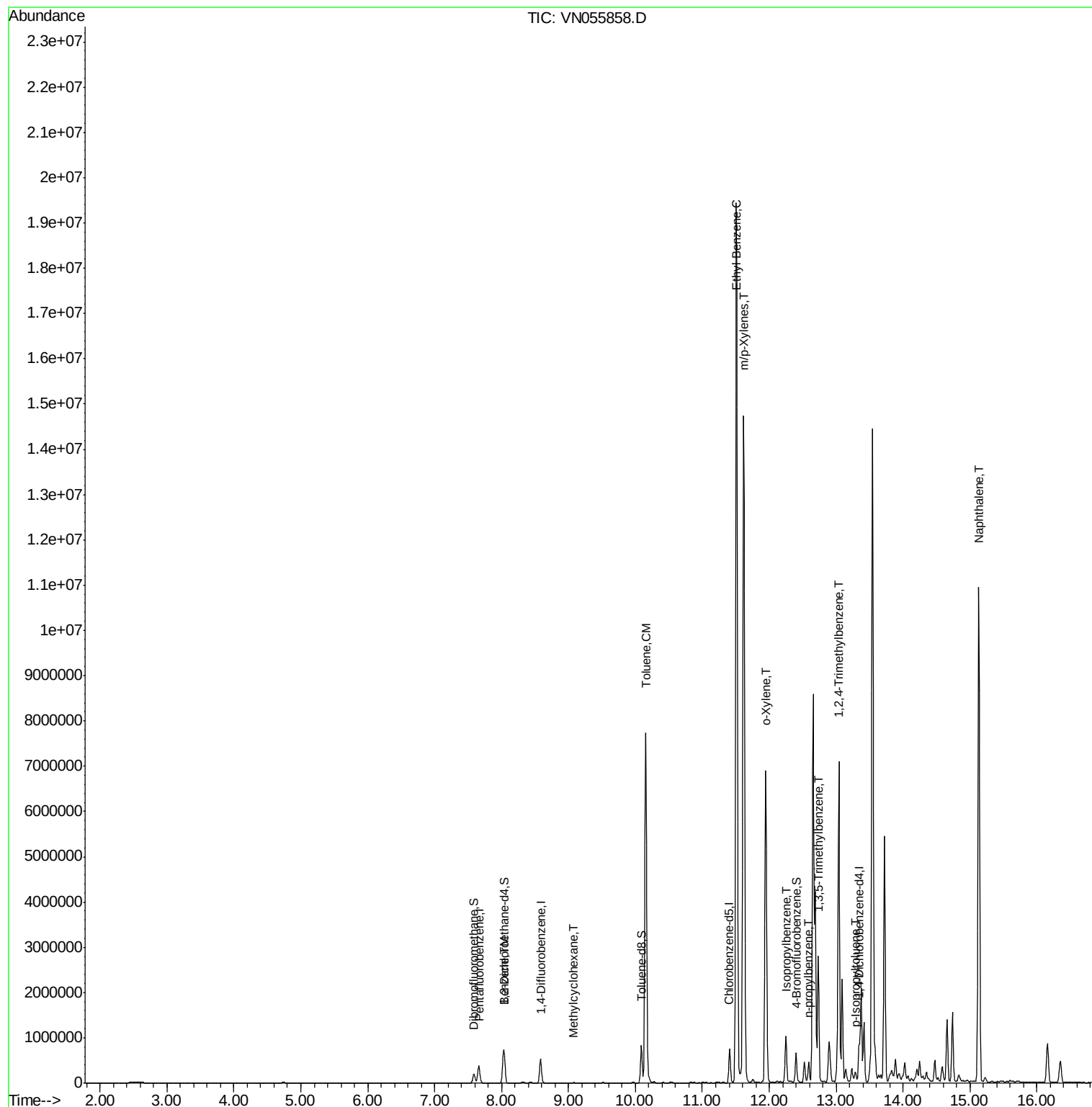
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	4874	0.880	ug/l	96
40) Benzene	8.04	78	657608	48.765	ug/l	99
52) Toluene	10.16	92	3677279	433.578	ug/l	99
67) Ethyl Benzene	11.51	91	14849783	864.083	ug/l	95
68) m/p-Xylenes	11.62	106	5164859	794.962	ug/l	98
69) o-Xylene	11.95	106	2061153	319.763	ug/l	99
73) Isopropylbenzene	12.25	105	720753	40.164	ug/l	99
78) n-propylbenzene	12.59	91	365552	16.890	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1491862	102.757	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	4217879	294.810	ug/l	98
86) p-Isopropyltoluene	13.29	119	88075	5.093	ug/l #	79
95) Naphthalene	15.13	128	9837961	854.027	ug/l	100

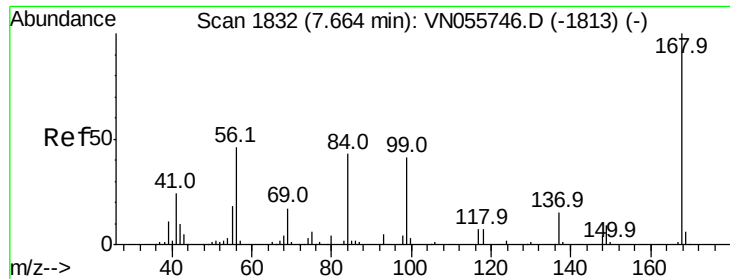
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052819\
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Acq On : 28 May 2019 17:27
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Quant Time: May 29 06:06:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

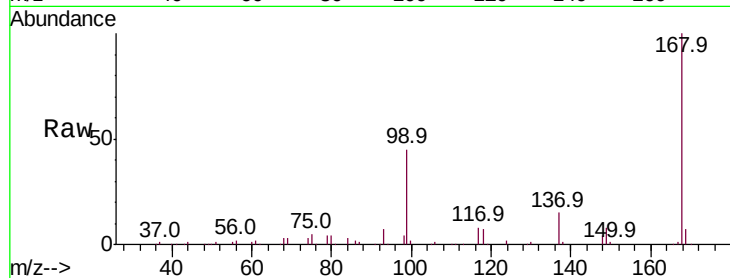
B-14-11.5-12.0

Tot Ion:168 Resp: 362577

Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

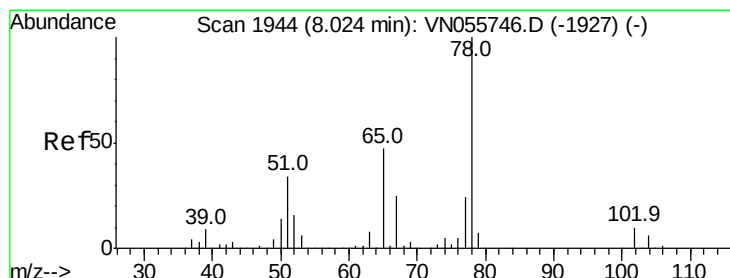
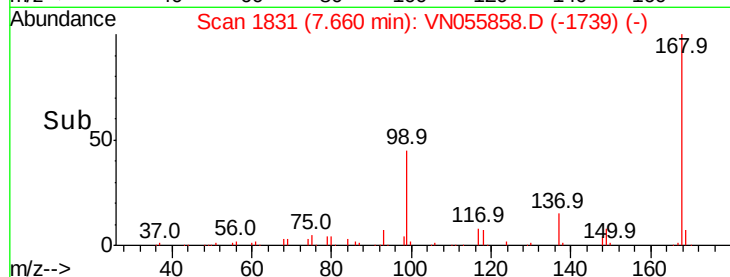
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.223 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055858.D

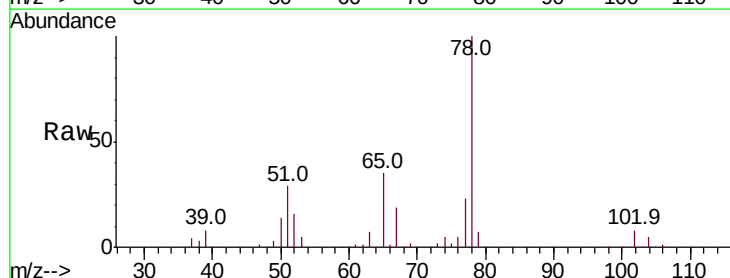
Acq: 28 May 2019 17:27

Tgt Ion: 65 Resp: 169334

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

80000

60000

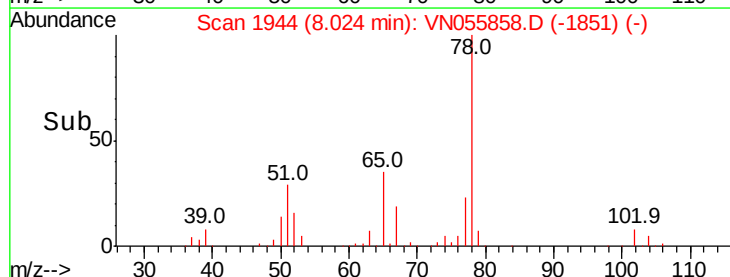
40000

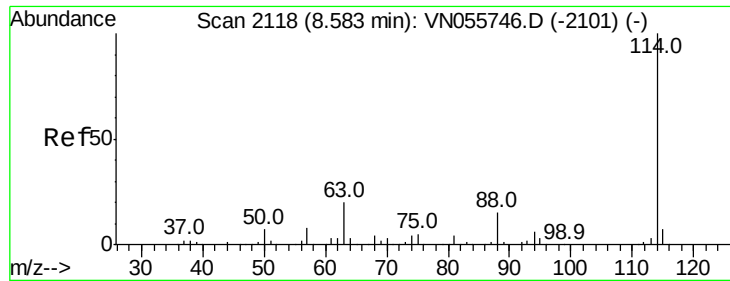
20000

0

7.90 8.00 8.10

Time-->

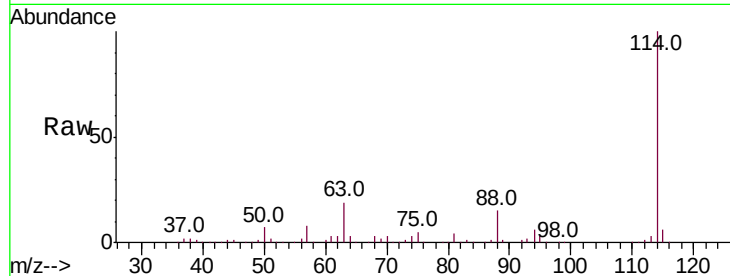




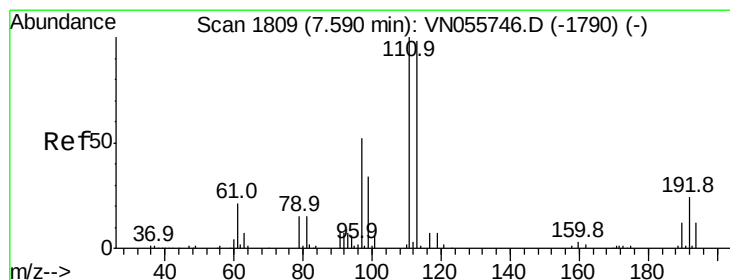
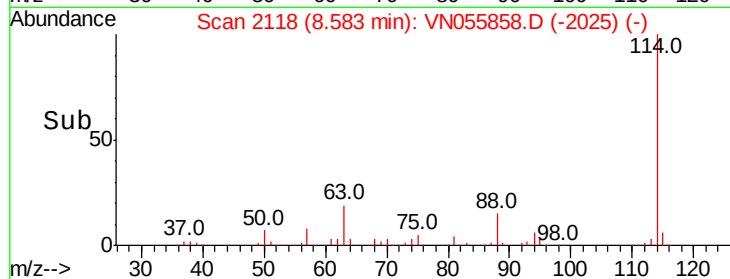
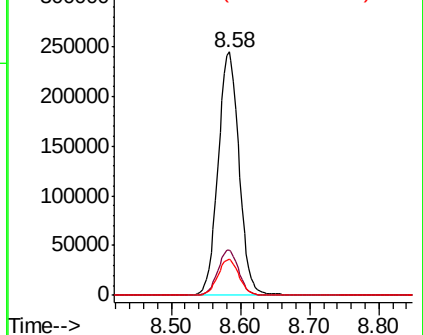
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055858.D
 Acq: 28 May 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0

Tot Ion:114 Resp: 513446
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.6 0.0 31.0

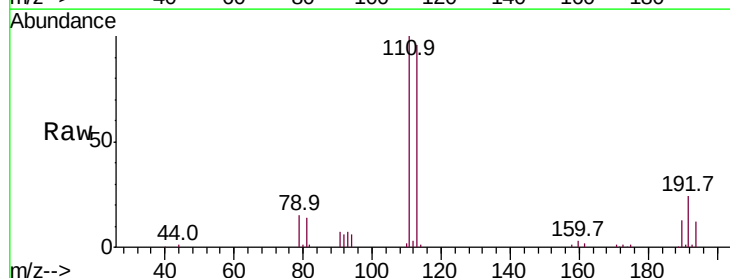


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

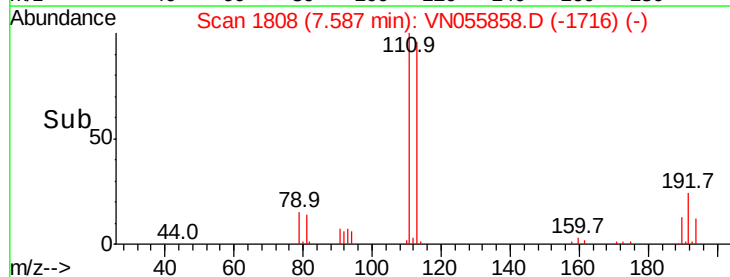
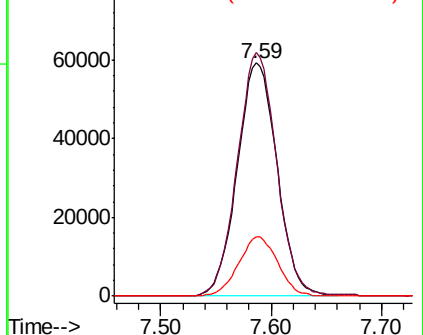


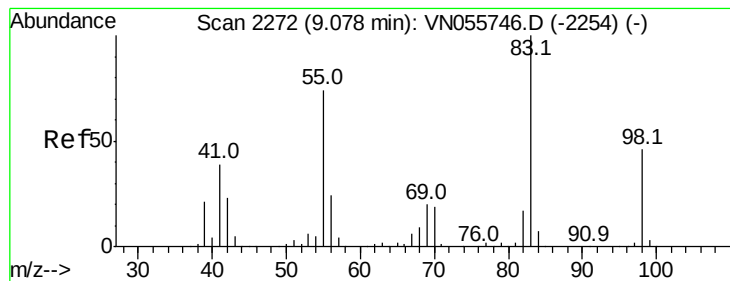
#35
 Dibromofluoromethane
 Concen: 45.719 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055858.D
 Acq: 28 May 2019 17:27

Tgt Ion:113 Resp: 148413
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 25.0 19.5 29.3



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

Methylvlcyclohexane

Concen: 0.880 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

B-14-11.5-12.0

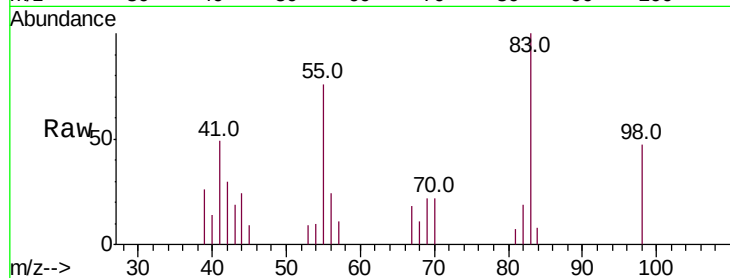
Tot Ion: 83 Resp: 4874

Ion Ratio Lower Upper

83 100

55 69.2 59.3 88.9

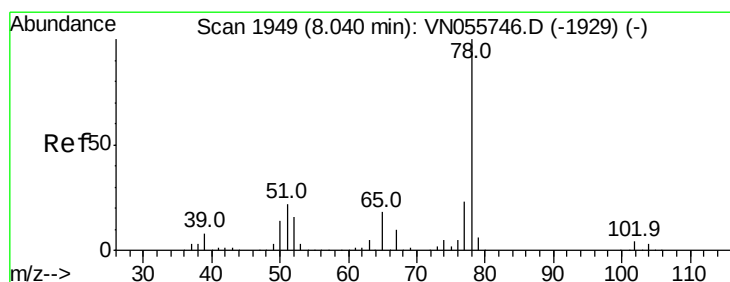
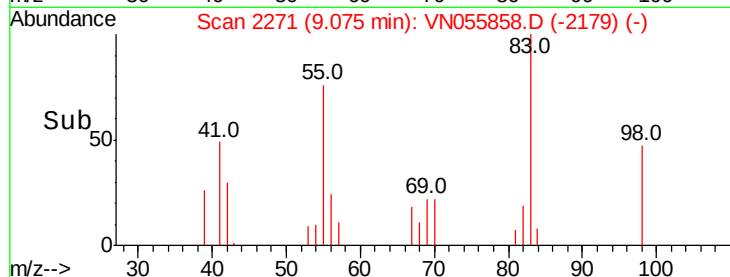
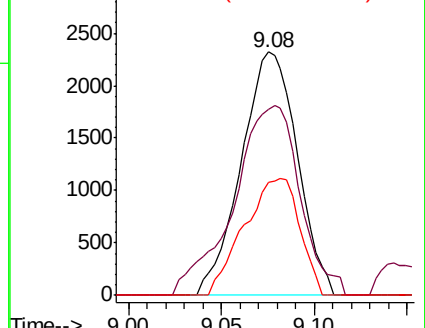
98 46.6 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 48.765 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN055858.D

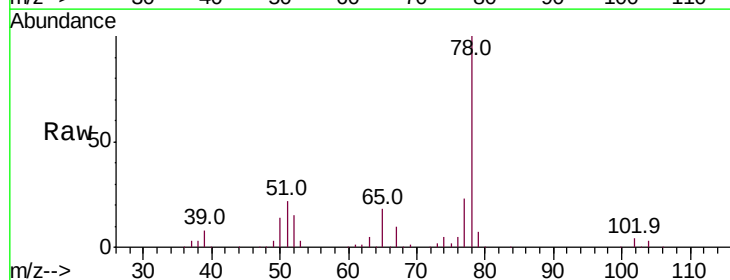
Acq: 28 May 2019 17:27

Tgt Ion: 78 Resp: 657608

Ion Ratio Lower Upper

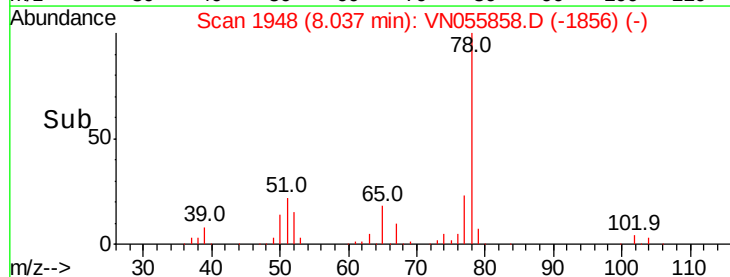
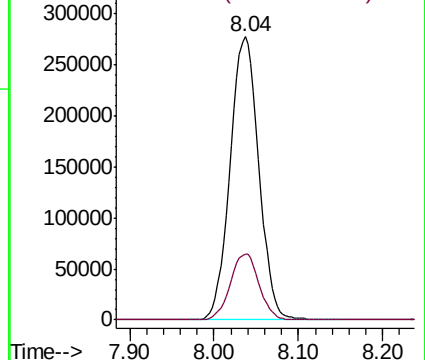
78 100

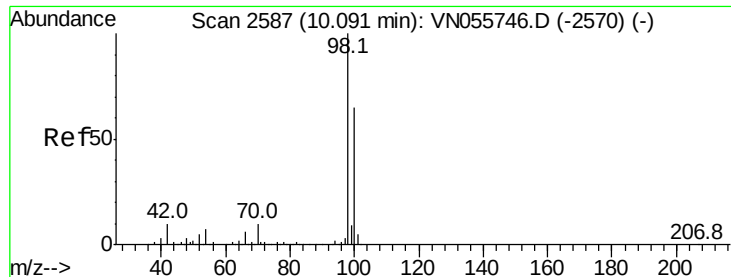
77 23.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

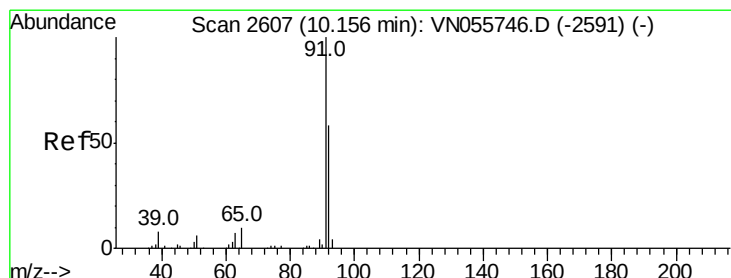
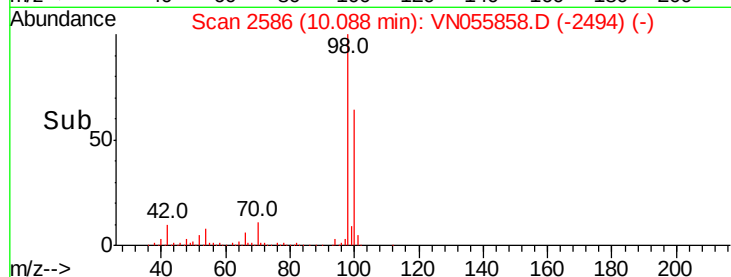
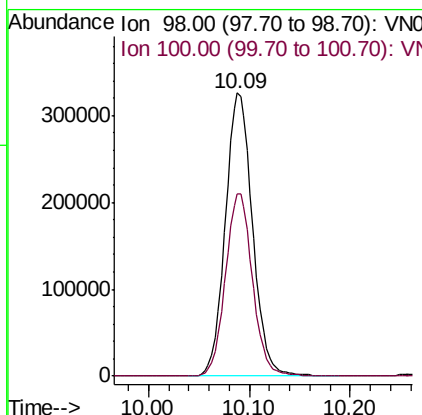
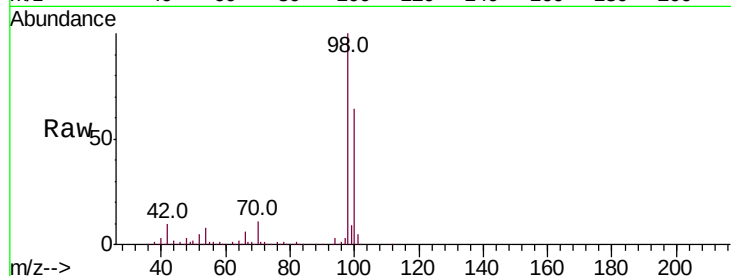




#50
Toluene-d8
Concen: 49.256 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

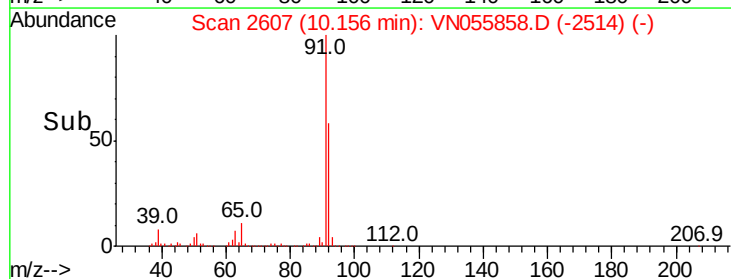
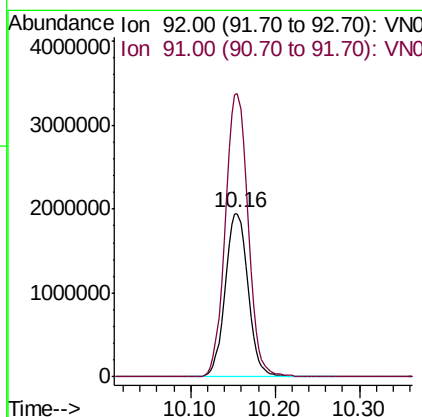
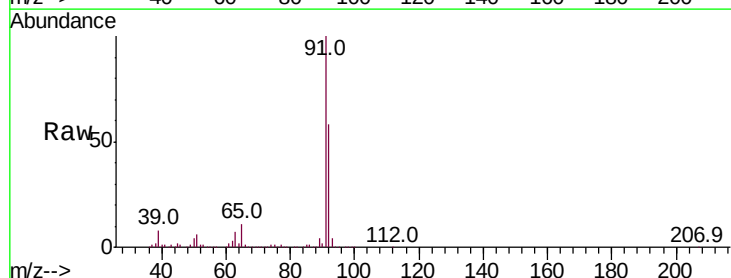
Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0

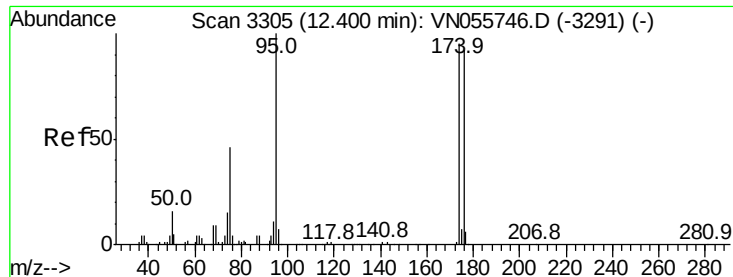
Tot Ion: 98 Resp: 613340
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#52
Toluene
Concen: 433.578 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

Tgt Ion: 92 Resp: 3677279
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 52.374 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

B-14-11.5-12.0

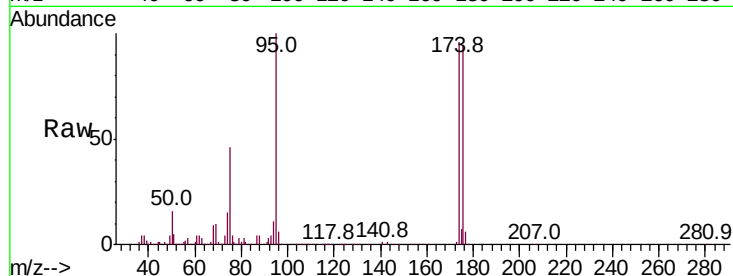
Tot Ion: 95 Resp: 223619

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

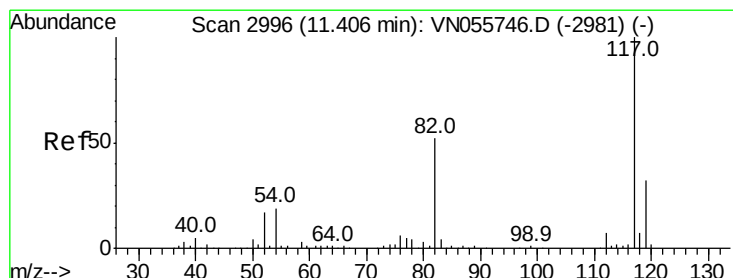
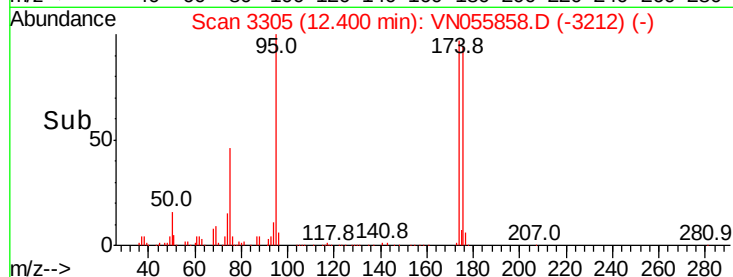
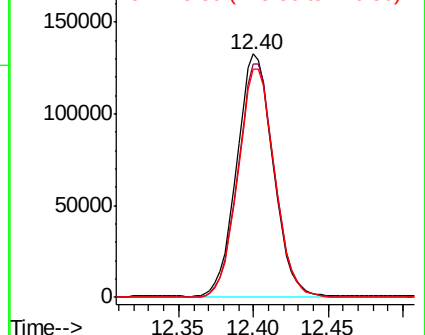
176 94.9 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

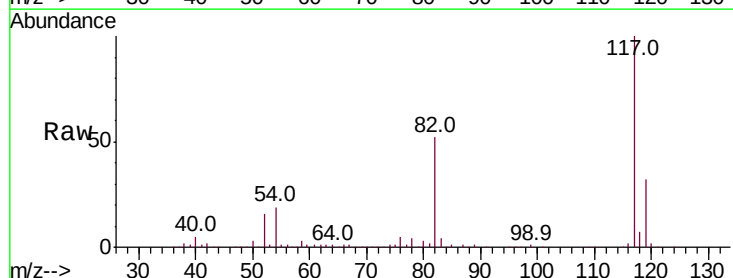
Tgt Ion: 117 Resp: 478713

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

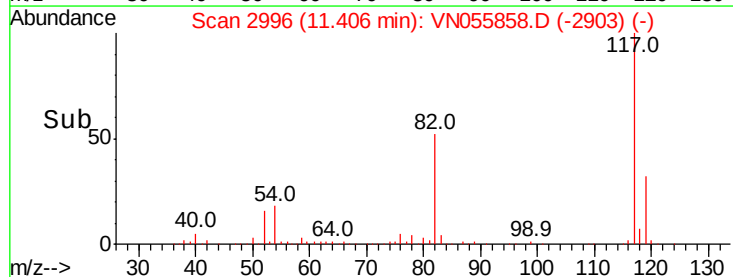
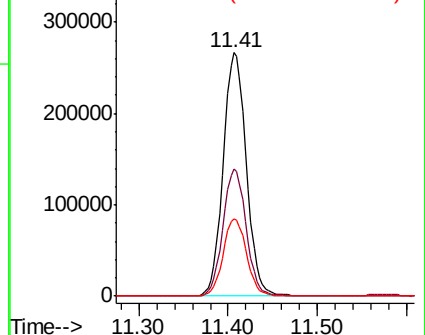
119 31.9 25.4 38.0

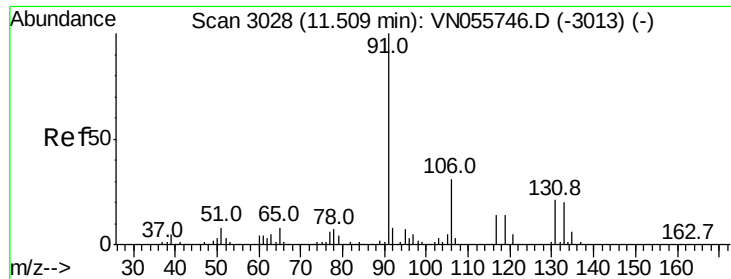


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)

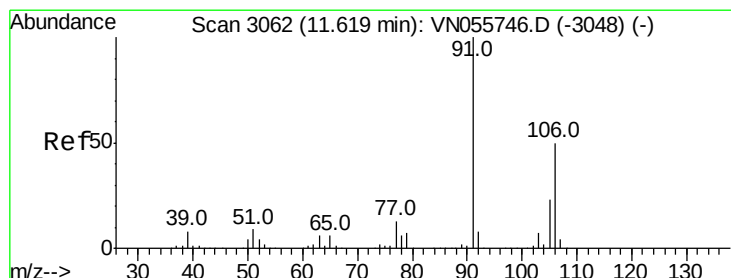
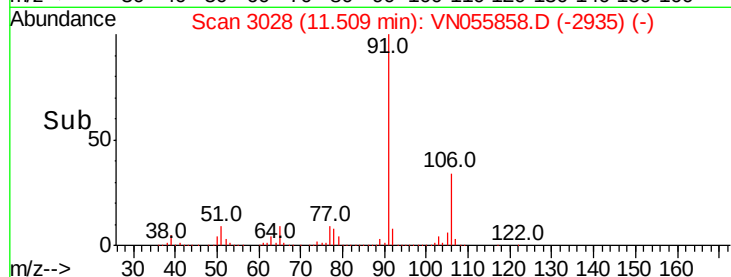
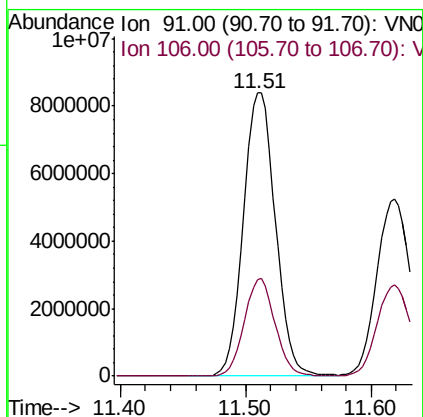
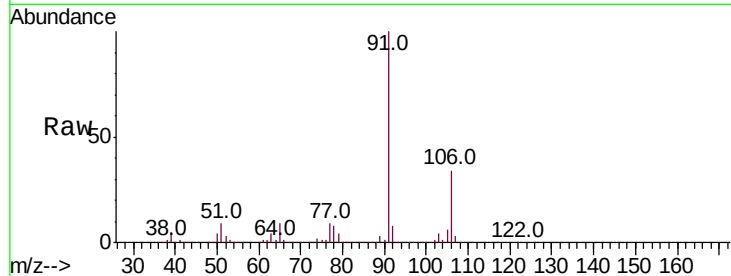




#67
Ethyl Benzene
Concen: 864.083 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

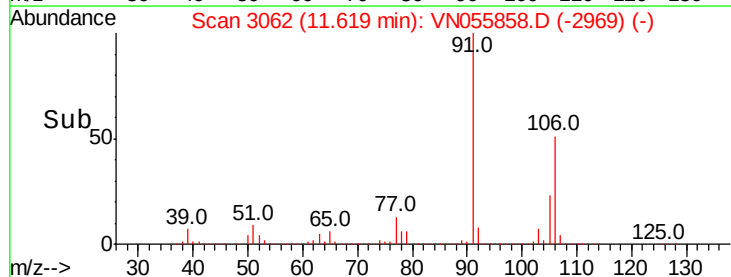
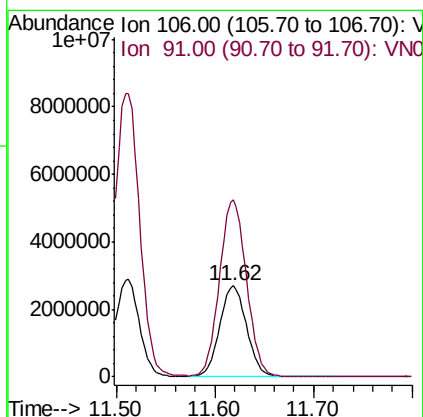
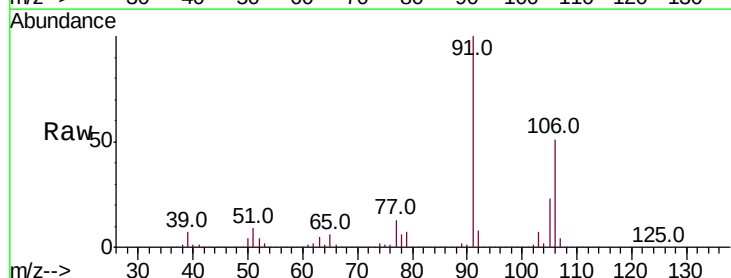
Instrument :
MSVOA_N
ClientSampled :
B-14-11.5-12.0

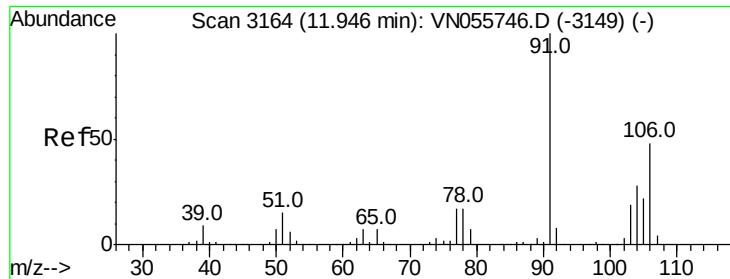
Tot Ion: 91 Resp: 14849783
Ion Ratio Lower Upper
91 100
106 34.3 25.1 37.7



#68
m/p-Xylenes
Concen: 794.962 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

Tgt Ion: 106 Resp: 5164859
Ion Ratio Lower Upper
106 100
91 195.7 159.3 238.9

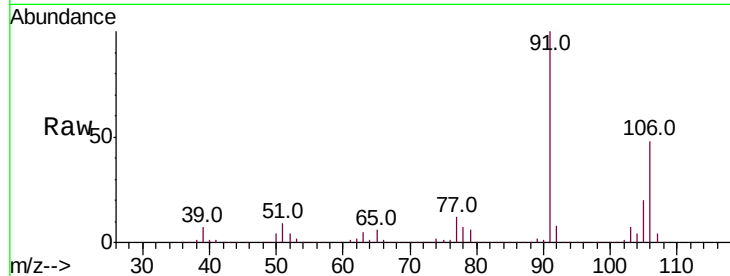




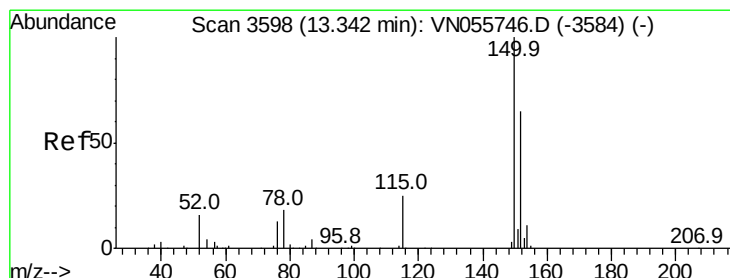
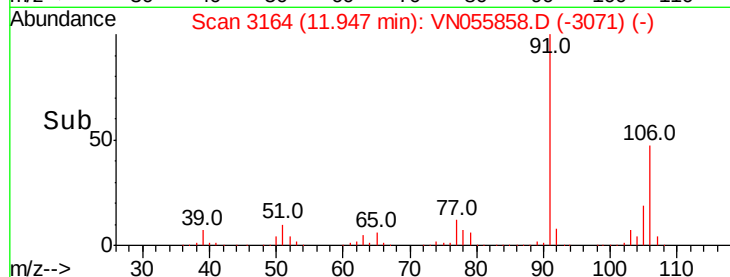
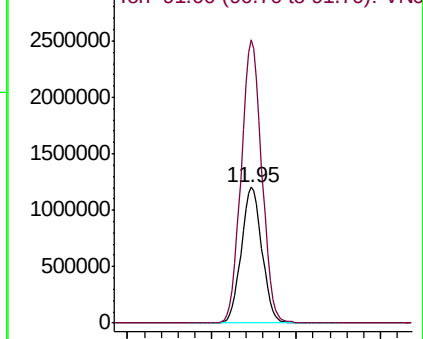
#69
o-Xylene
Concen: 319.763 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
B-14-11.5-12.0

Tot Ion:106 Resp: 2061153
Ion Ratio Lower Upper
106 100
91 208.0 104.7 314.1

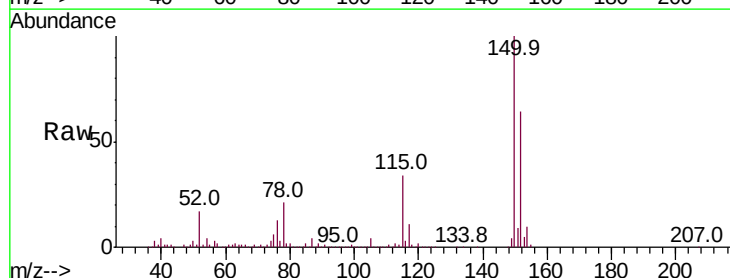


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

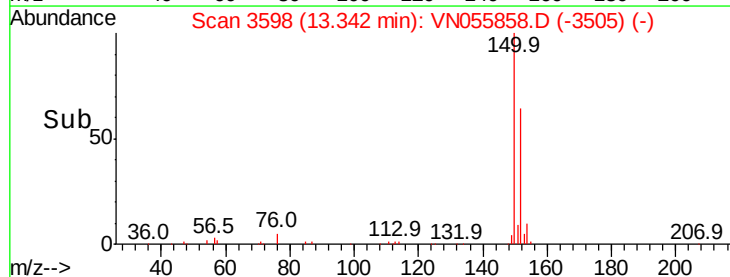
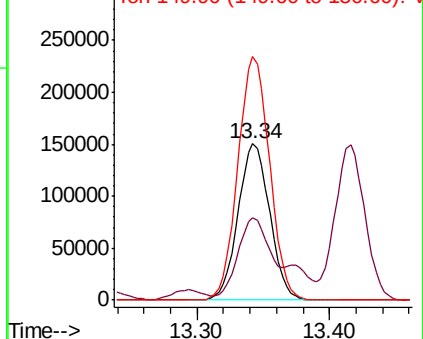


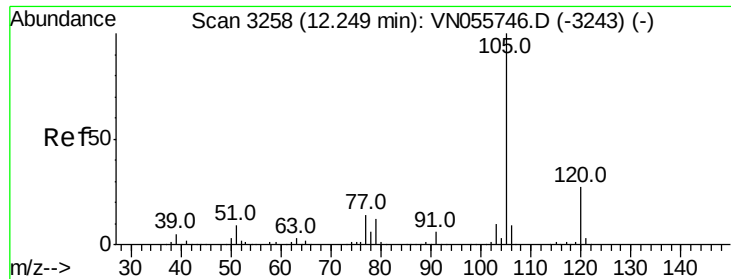
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055858.D
Acq: 28 May 2019 17:27

Tgt Ion:152 Resp: 249022
Ion Ratio Lower Upper
152 100
115 50.8 27.0 81.0
150 156.3 0.0 343.2



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: 40.164 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

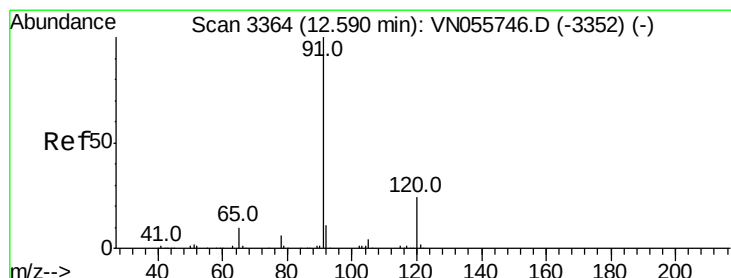
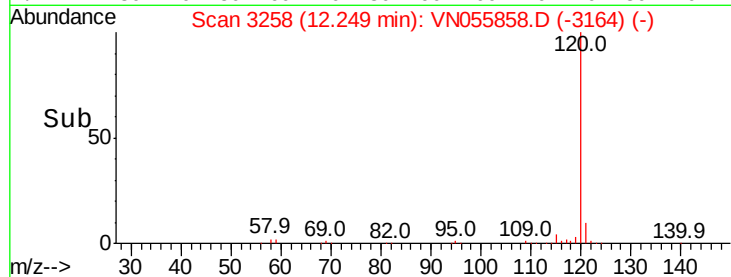
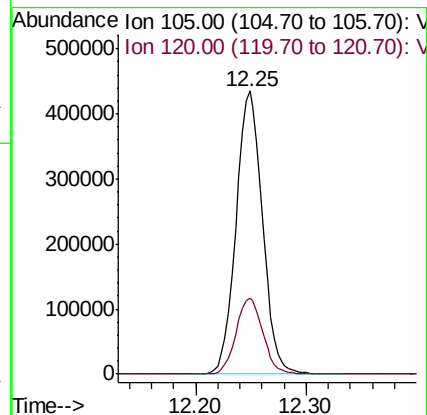
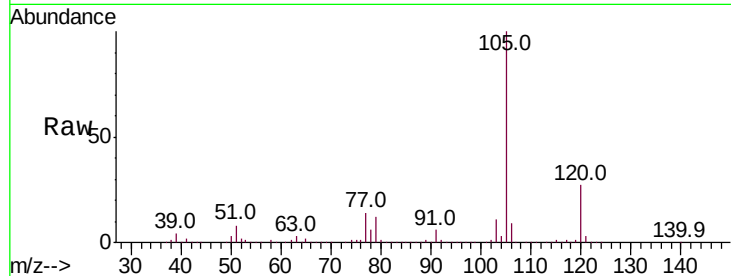
B-14-11.5-12.0

Tot Ion:105 Resp: 720753

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#78

n-propylbenzene

Concen: 16.890 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055858.D

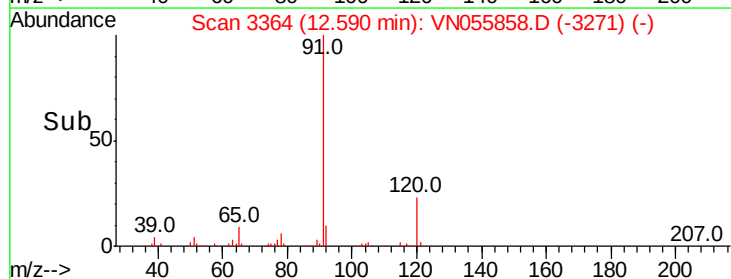
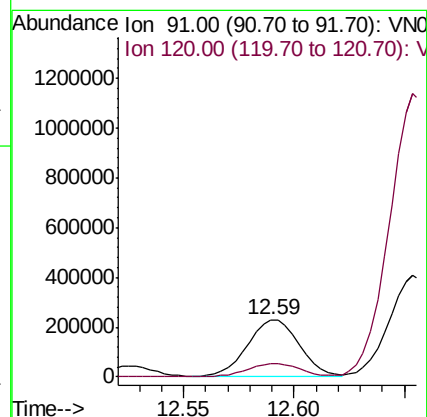
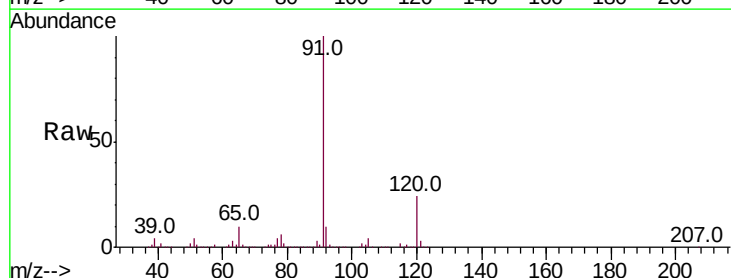
Acq: 28 May 2019 17:27

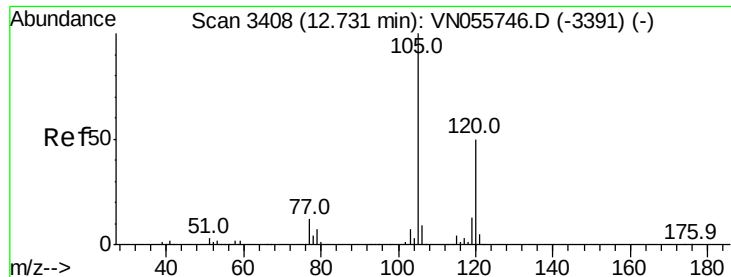
Tgt Ion: 91 Resp: 365552

Ion Ratio Lower Upper

91 100

120 25.1 12.0 36.0





#80

1,3,5-Trimethylbenzene

Concen: 102.757 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

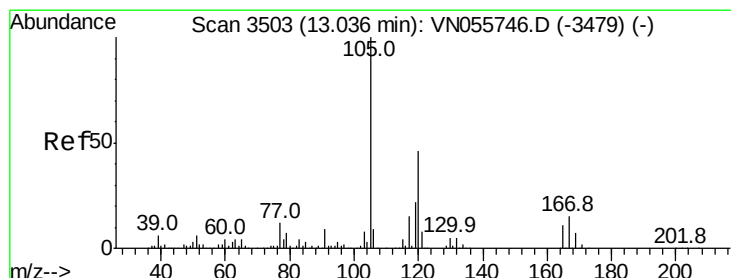
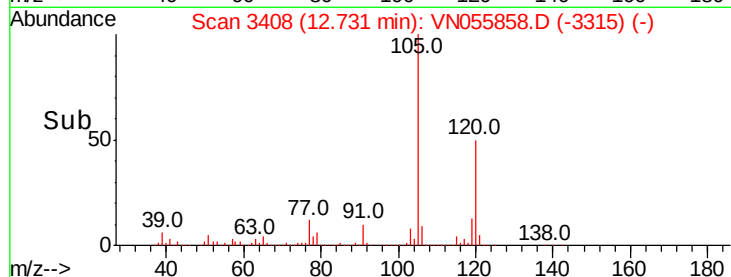
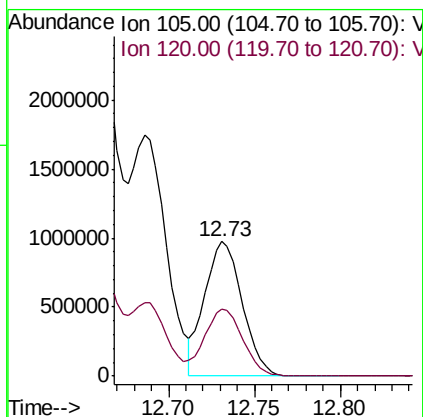
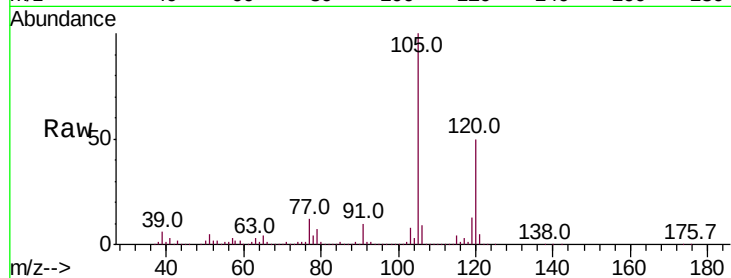
B-14-11.5-12.0

Tot Ion:105 Resp: 1491862

Ion Ratio Lower Upper

105 100

120 51.6 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 294.810 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055858.D

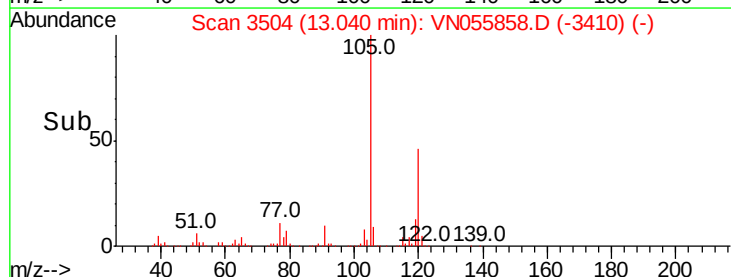
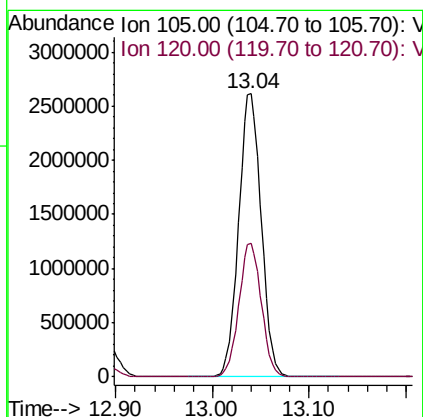
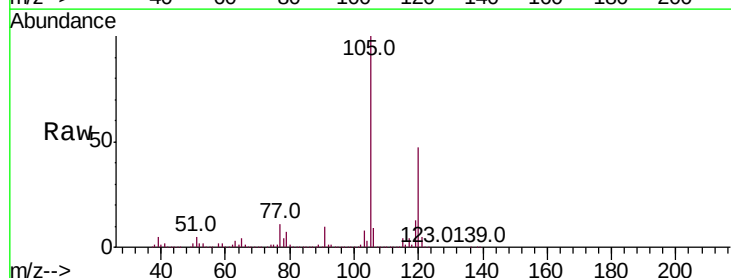
Acq: 28 May 2019 17:27

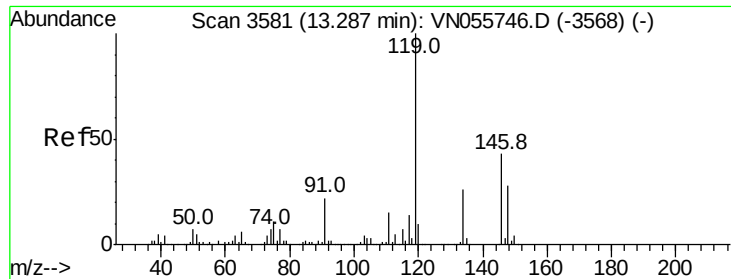
Tgt Ion:105 Resp: 4217879

Ion Ratio Lower Upper

105 100

120 47.1 23.0 69.0





#86

p-Isopropyltoluene

Concen: 5.093 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

B-14-11.5-12.0

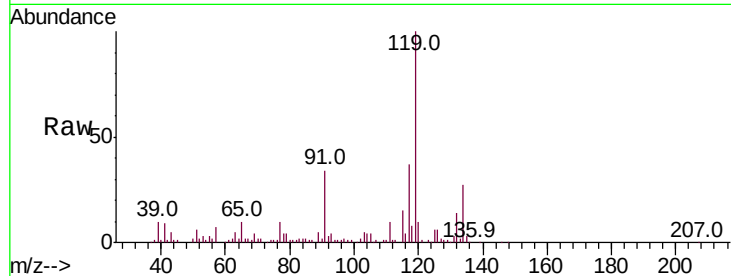
Tot Ion:119 Resp: 88075

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

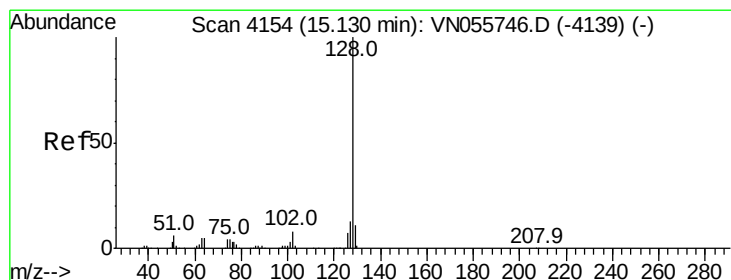
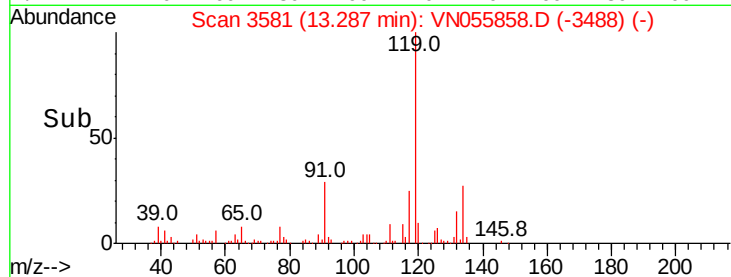
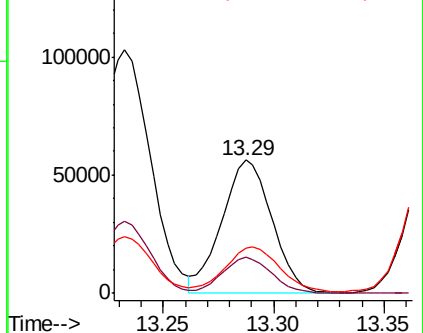
91 0.0 10.9 32.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 854.027 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055858.D

Acq: 28 May 2019 17:27

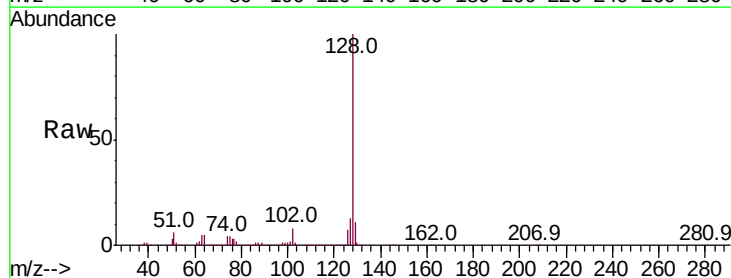
Tgt Ion:128 Resp: 9837961

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.7 13.1



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

