

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059896.D
 Acq On : 28 Jan 2020 14:42
 Operator : JC/MD
 Sample : L1267-03 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40329

Quant Time: Jan 28 22:46:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106730	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
35) Dibromofluoromethane	7.56	113	92582	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.08	98	359982	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	120475	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

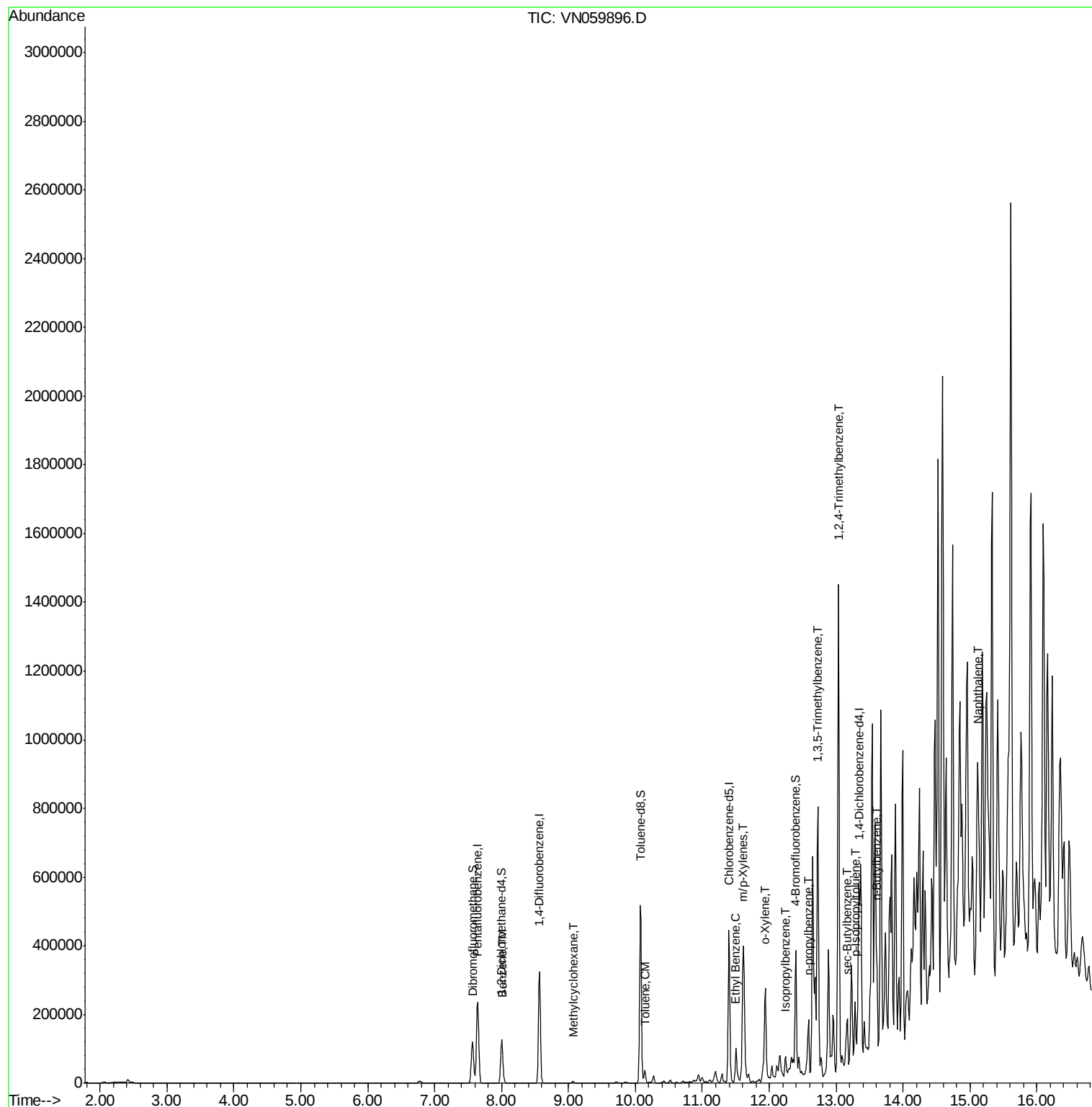
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.06	83	2457	0.739	ug/l #	84
40) Benzene	8.02	78	3704	0.461	ug/l	97
52) Toluene	10.14	92	16311	3.212	ug/l	96
67) Ethyl Benzene	11.50	91	70874	7.407	ug/l	98
68) m/p-Xylenes	11.61	106	116100	32.123	ug/l	93
69) o-Xylene	11.94	106	70118	19.816	ug/l	95
73) Isopropylbenzene	12.24	105	37900	4.221	ug/l	100
78) n-propylbenzene	12.59	91	136886	13.584	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	187021	24.769	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	806444	107.959	ug/l	98
85) sec-Butylbenzene	13.17	105	80157	9.342	ug/l	87
86) p-Isopropyltoluene	13.28	119	53533	6.743	ug/l	97
89) n-Butylbenzene	13.61	91	112133	16.566	ug/l #	78
95) Naphthalene	15.13	128	243977	36.561	ug/l #	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012820\
Data File : VN059896.D
Acq On : 28 Jan 2020 14:42
Operator : JC/MD
Sample : L1267-03 500X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40329

Quant Time: Jan 28 22:46:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

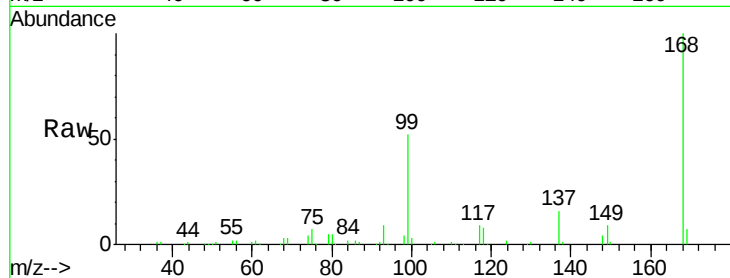
40329

Tot Ion:168 Resp: 208561

Ion Ratio Lower Upper

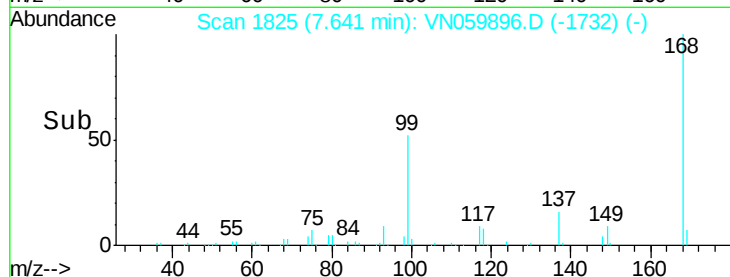
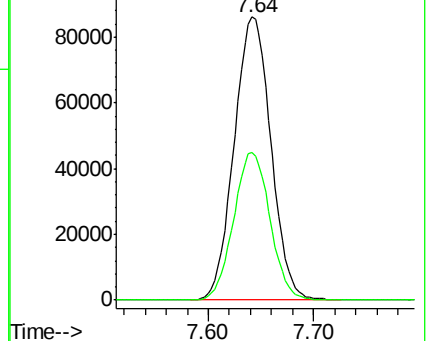
168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.081 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059896.D

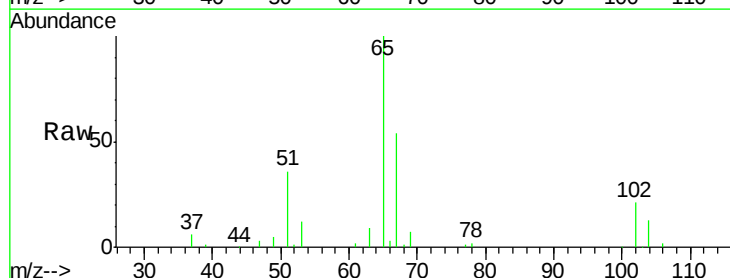
Acq: 28 Jan 2020 14:42

Tgt Ion: 65 Resp: 106730

Ion Ratio Lower Upper

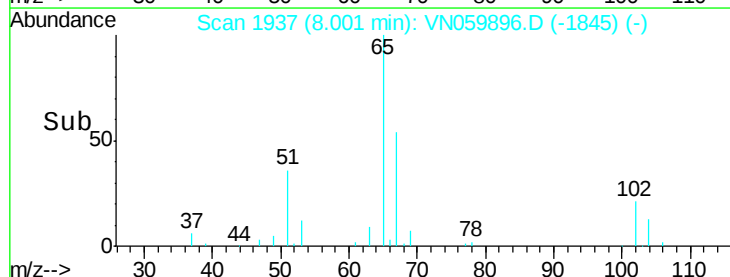
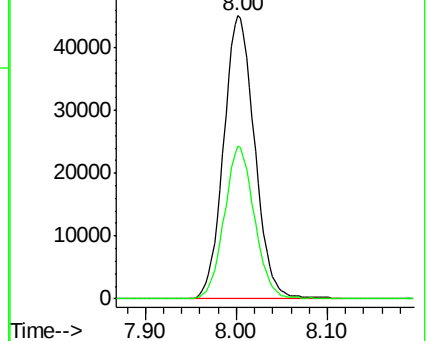
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

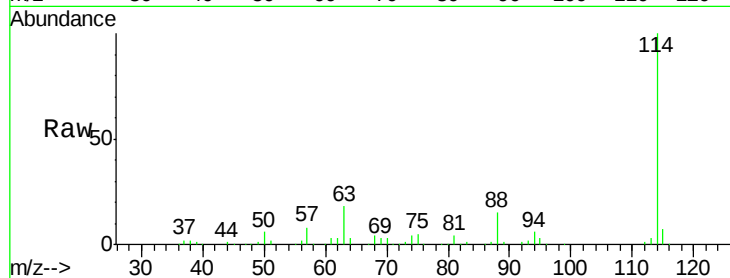




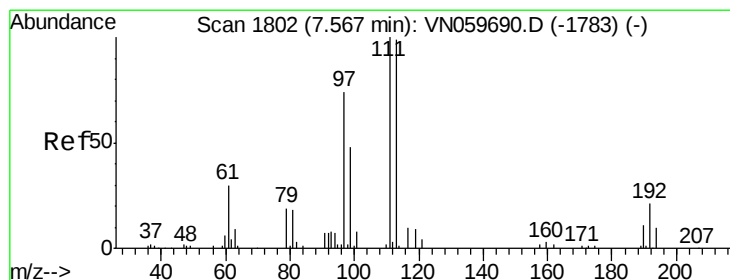
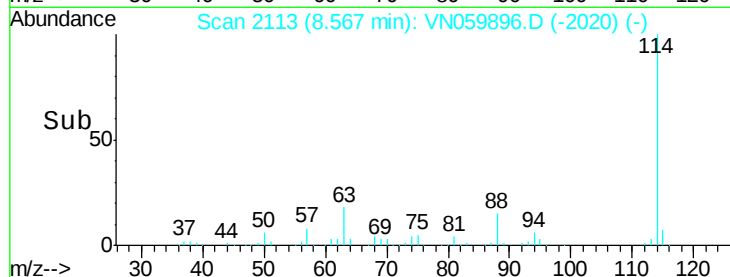
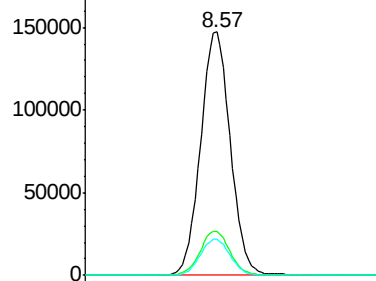
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
40329

Tot Ion:114 Resp: 309551
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.6
88 14.8 0.0 31.4

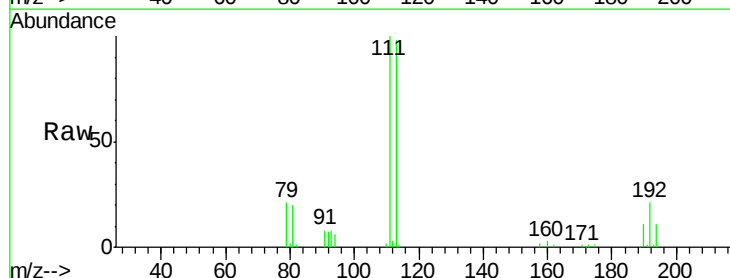


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

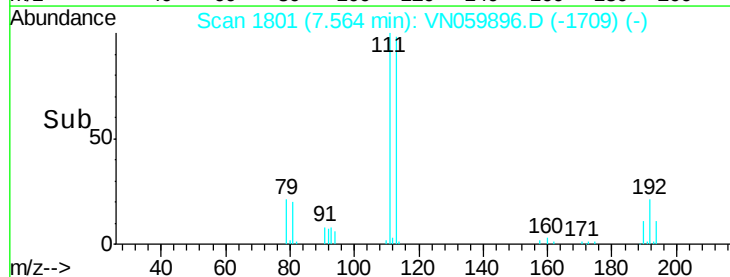
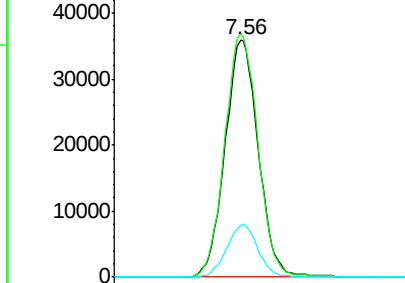


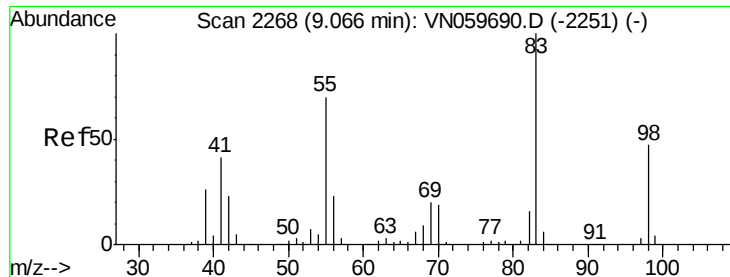
#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion:113 Resp: 92582
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 20.9 15.4 23.2



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

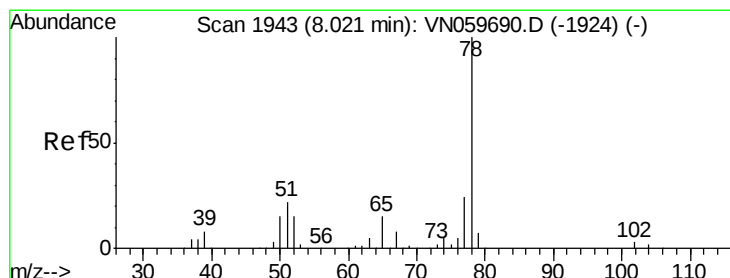
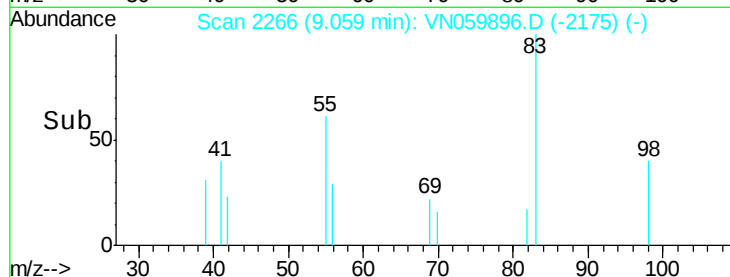
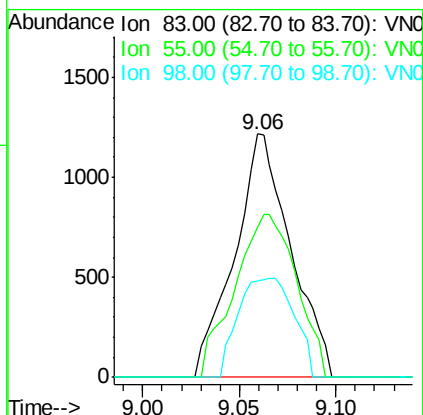
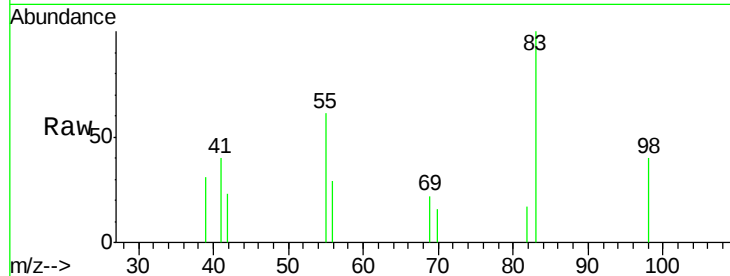




#39
Methvlcvclohexane
Concen: 0.739 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

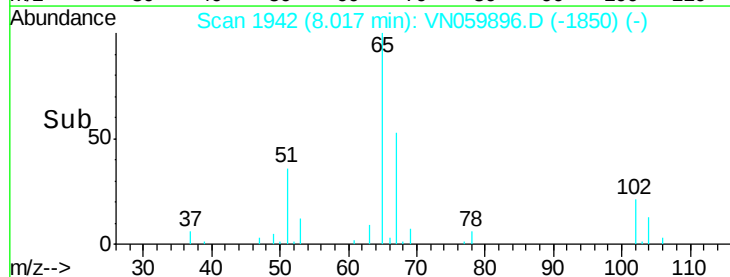
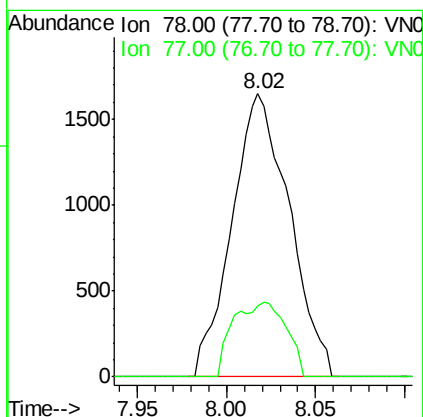
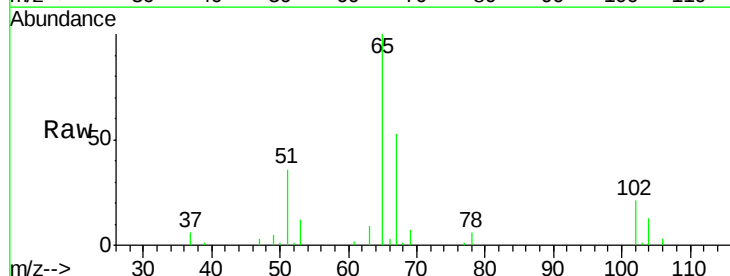
Instrument :
MSVOA_N
ClientSampled :
40329

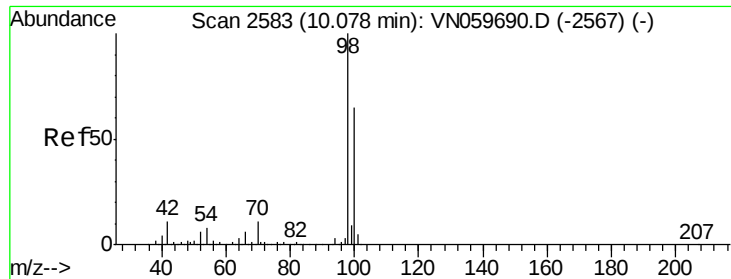
Tot Ion: 83 Resp: 2457
Ion Ratio Lower Upper
83 100
55 61.5 64.2 96.2#
98 39.7 35.9 53.9



#40
Benzene
Concen: 0.461 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 78 Resp: 3704
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3





#50

Toluene-d8

Concen: 50.331 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

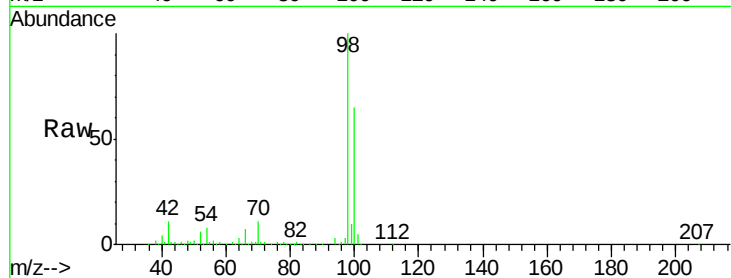
40329

Tot Ion: 98 Resp: 359982

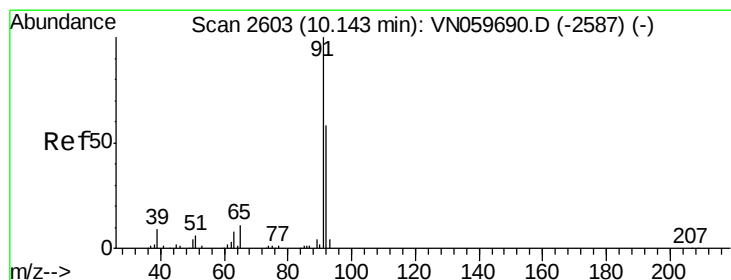
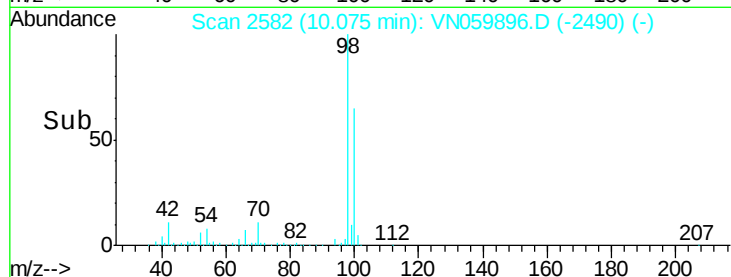
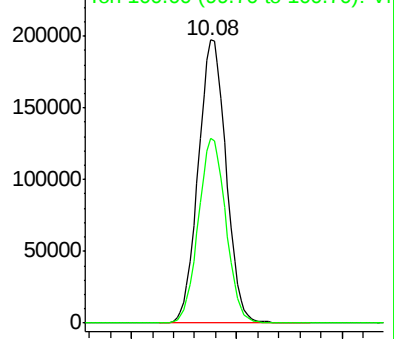
Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#52

Toluene

Concen: 3.212 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059896.D

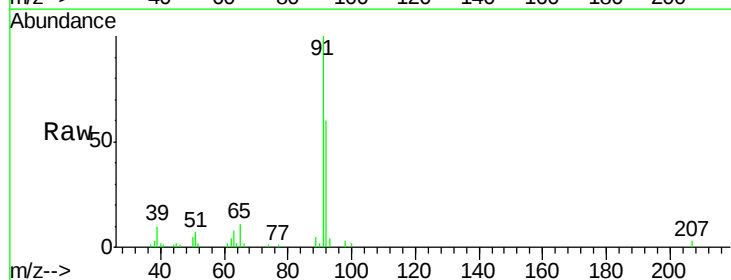
Acq: 28 Jan 2020 14:42

Tgt Ion: 92 Resp: 16311

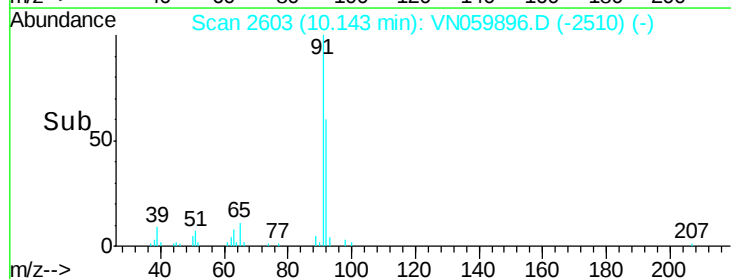
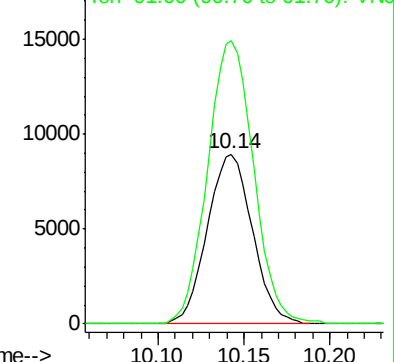
Ion Ratio Lower Upper

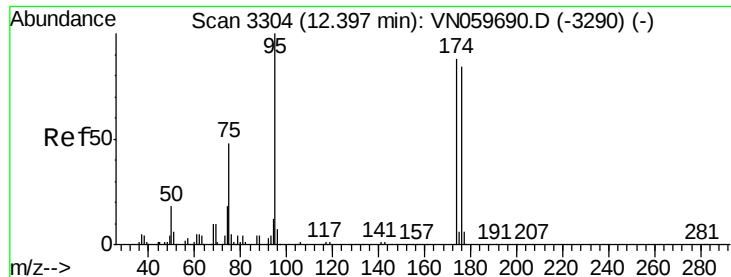
92 100

91 169.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059690.D (-2587) (-)

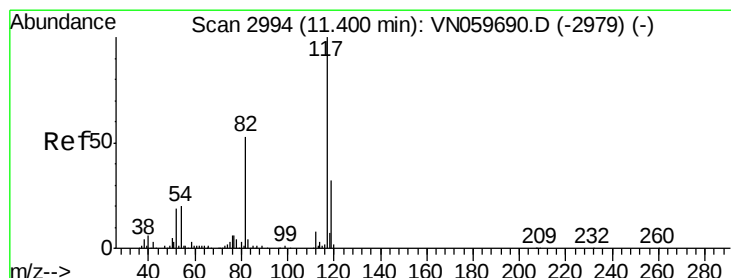
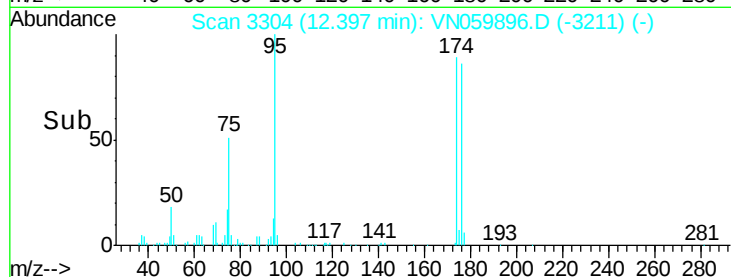
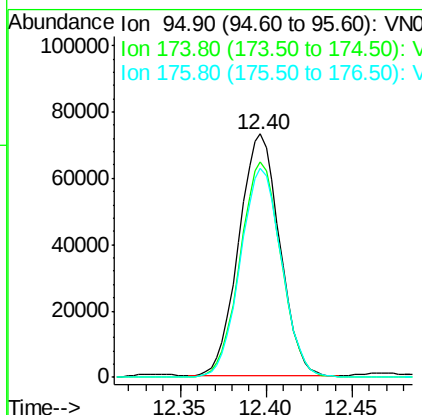
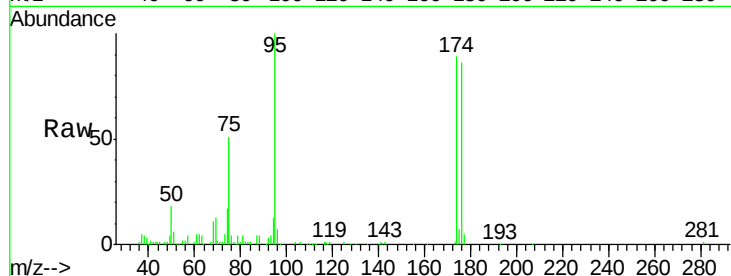




#62
4-Bromofluorobenzene
Concen: 46.725 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

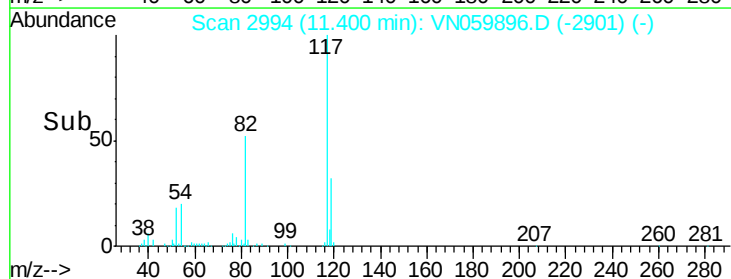
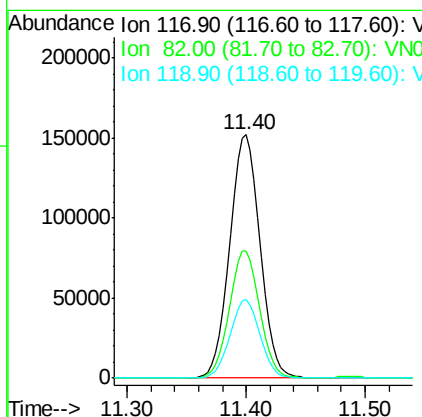
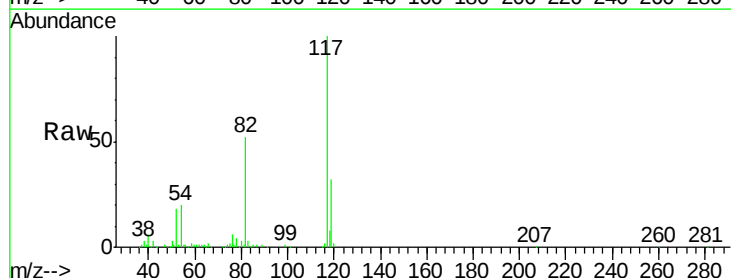
Instrument :
MSVOA_N
ClientSampleId :
40329

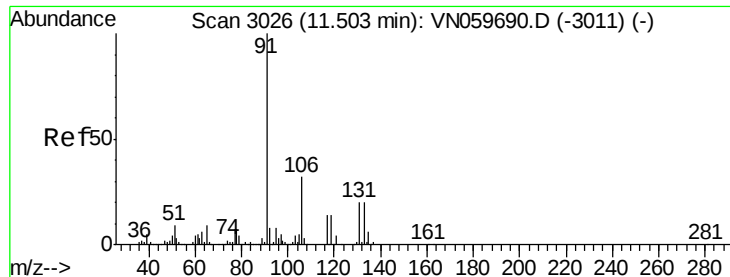
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	151.4
176	87.0	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.9	68.9
119	32.2	25.5	38.3





#67

Ethyl Benzene

Concen: 7.407 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

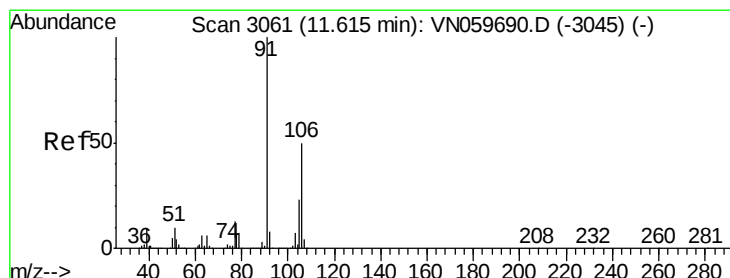
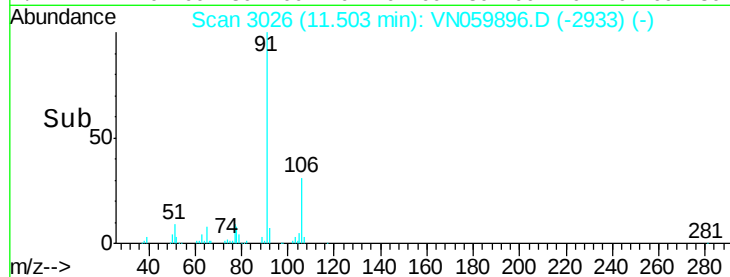
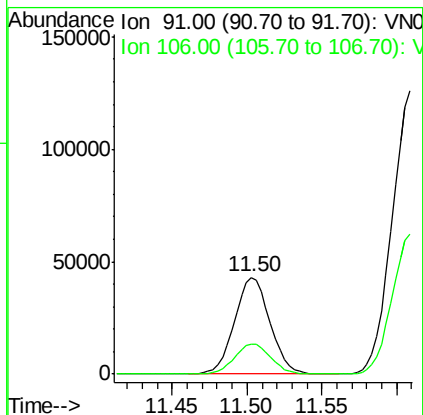
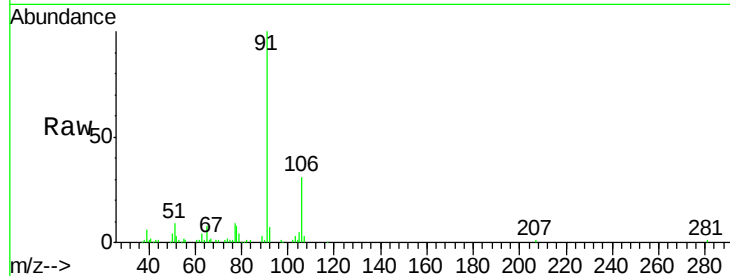
ClientSampled :
40329

Tot Ion: 91 Resp: 70874

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



#68

m/p-Xylenes

Concen: 32.123 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN059896.D

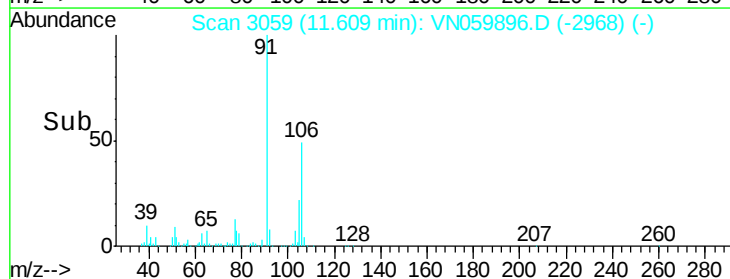
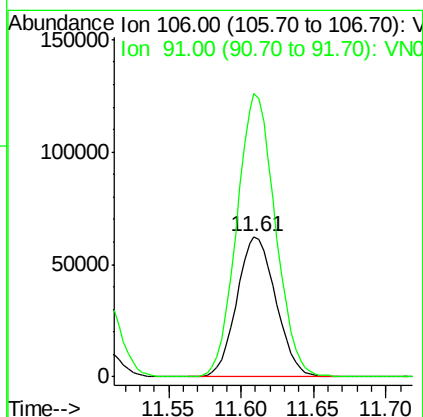
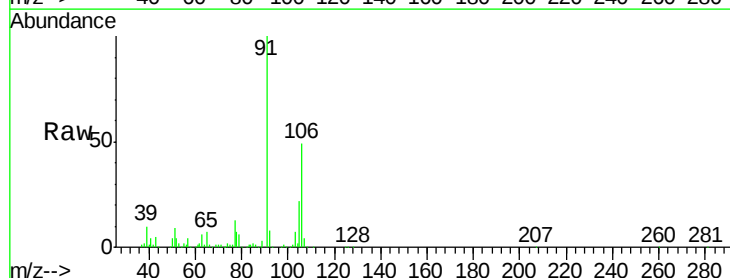
Acq: 28 Jan 2020 14:42

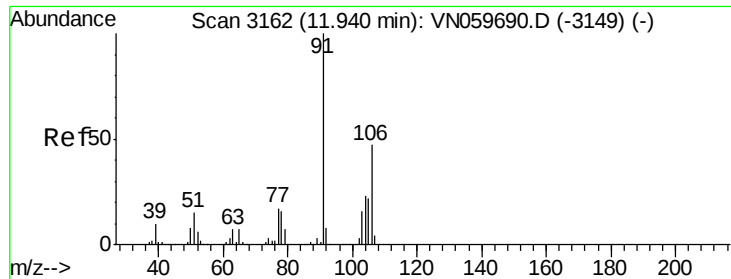
Tgt Ion: 106 Resp: 116100

Ion Ratio Lower Upper

106 100

91 199.7 167.9 251.9

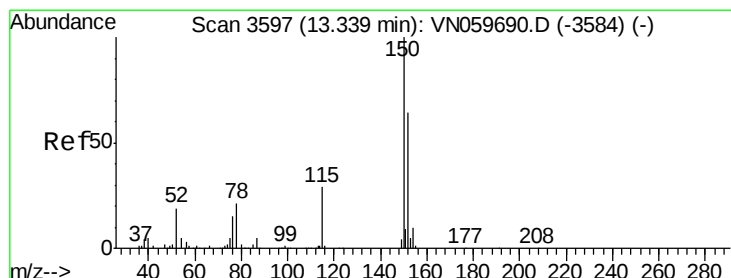
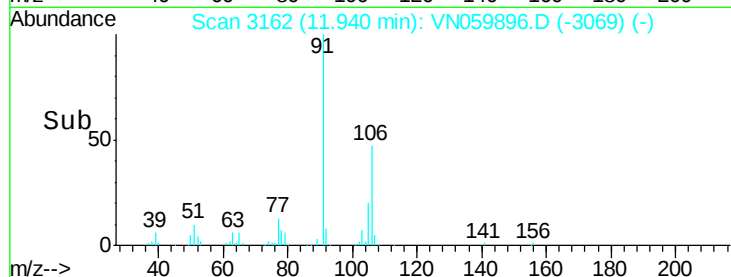
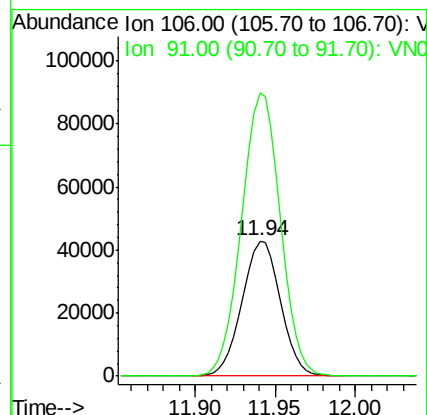
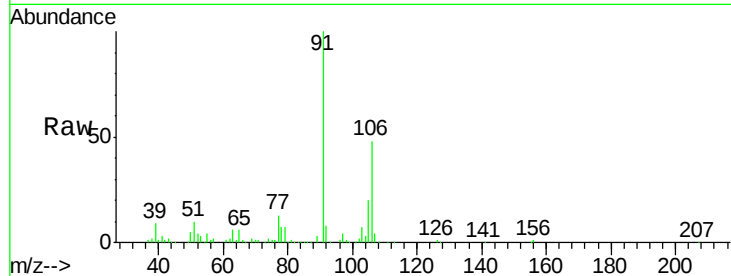




#69
o-Xylene
Concen: 19.816 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

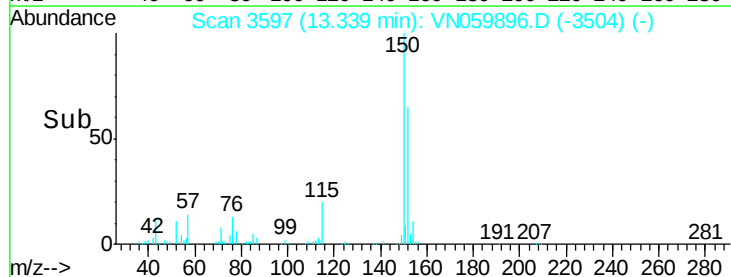
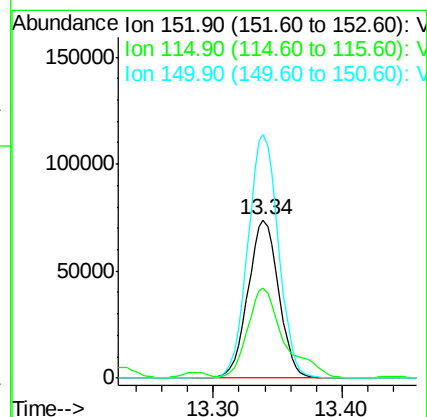
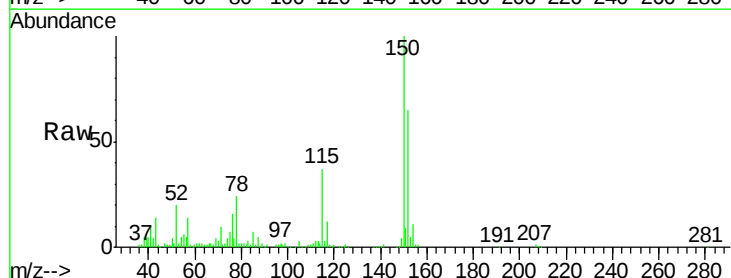
Instrument :
MSVOA_N
ClientSampled :
40329

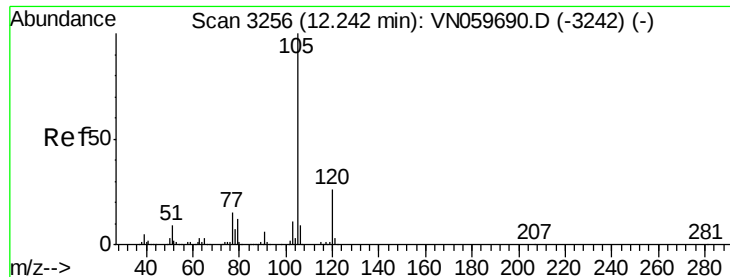
Tot Ion:106 Resp: 70118
Ion Ratio Lower Upper
106 100
91 212.1 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion:152 Resp: 122419
Ion Ratio Lower Upper
152 100
115 67.2 30.3 90.9
150 153.6 0.0 345.2





#73

Isopropylbenzene

Concen: 4.221 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

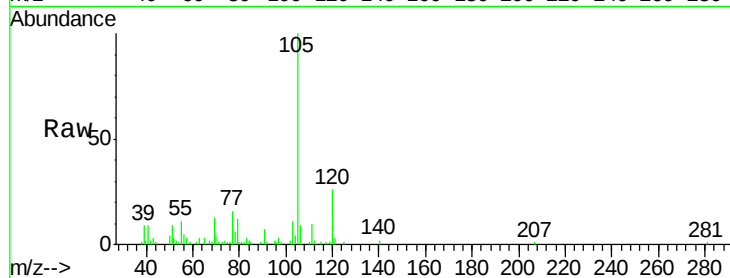
ClientSampled :
40329

Tot Ion: 105 Resp: 37900

Ion Ratio Lower Upper

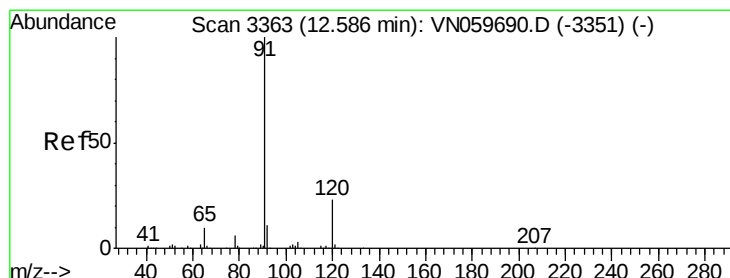
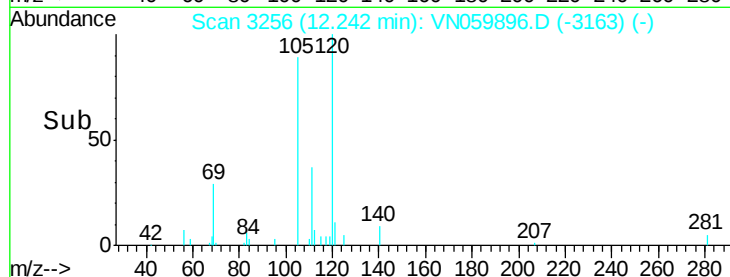
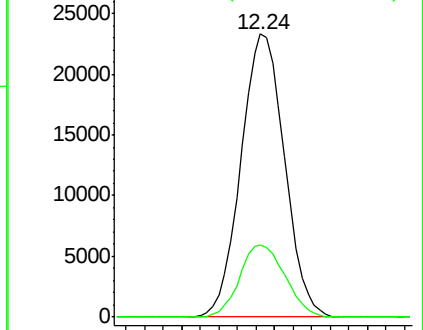
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 13.584 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059896.D

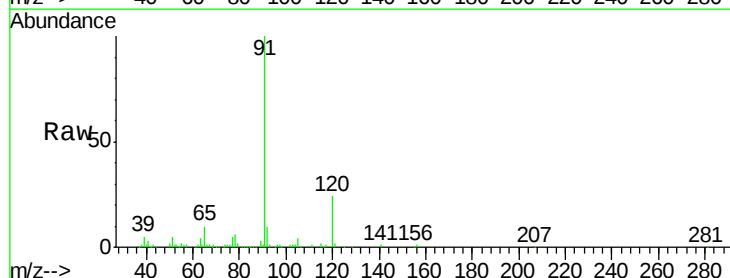
Acq: 28 Jan 2020 14:42

Tgt Ion: 91 Resp: 136886

Ion Ratio Lower Upper

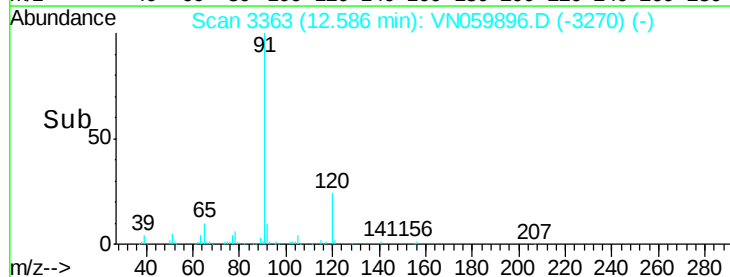
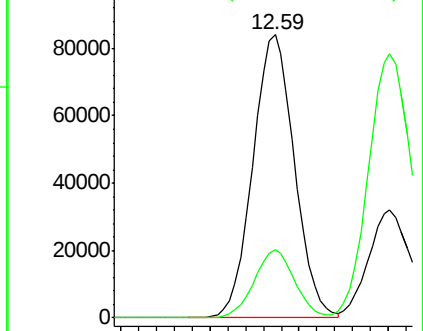
91 100

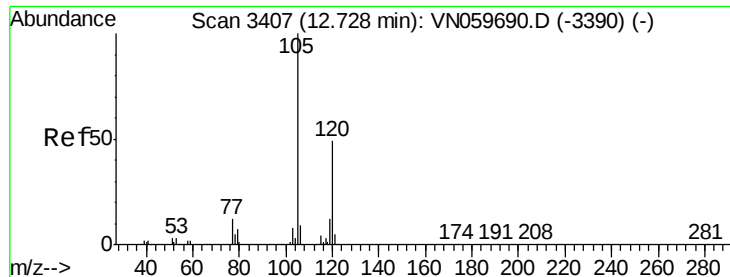
120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

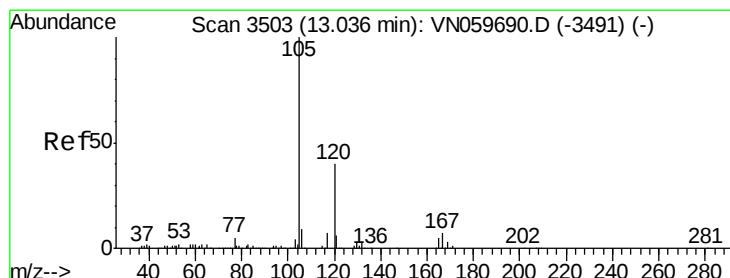
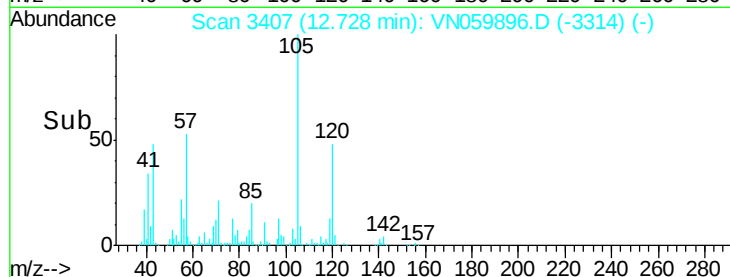
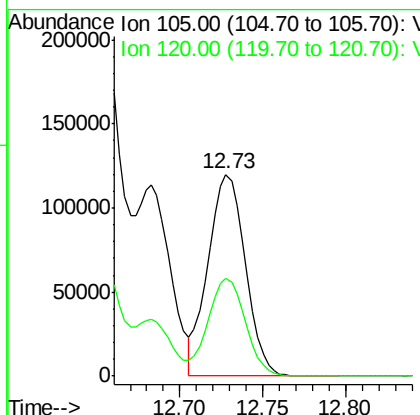
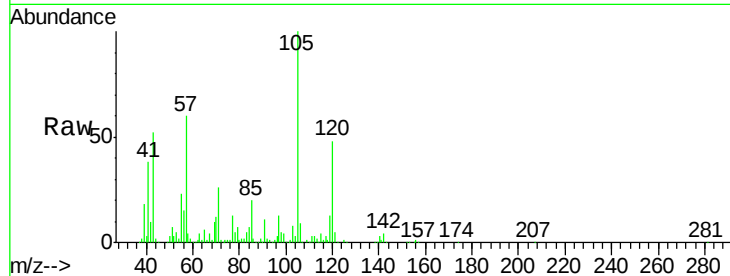




#80
 1,3,5-Trimethylbenzene
 Concen: 24.769 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

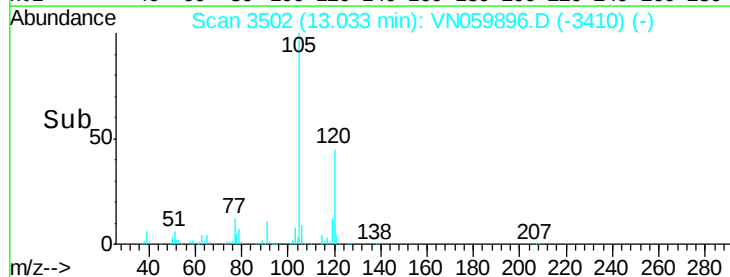
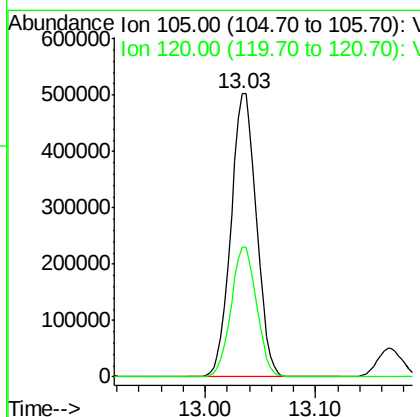
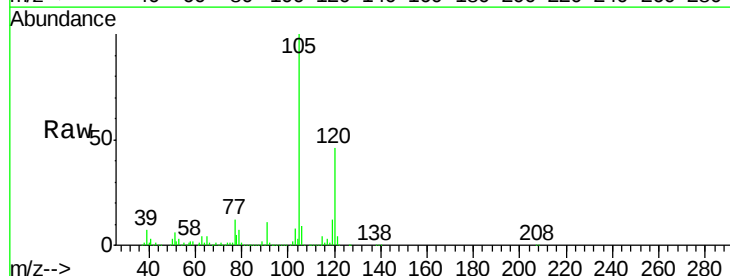
Instrument :
 MSVOA_N
 ClientSampled :
 40329

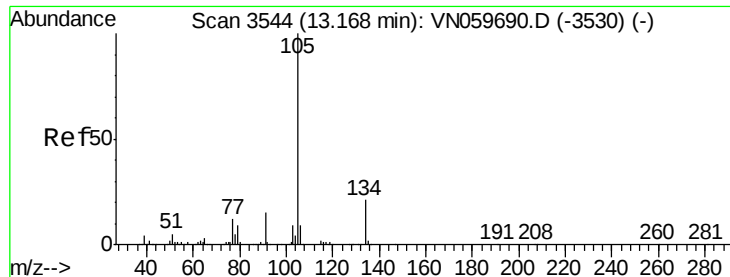
Tot Ion:105 Resp: 187021
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 107.959 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059896.D
 Acq: 28 Jan 2020 14:42

Tgt Ion:105 Resp: 806444
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 9.342 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

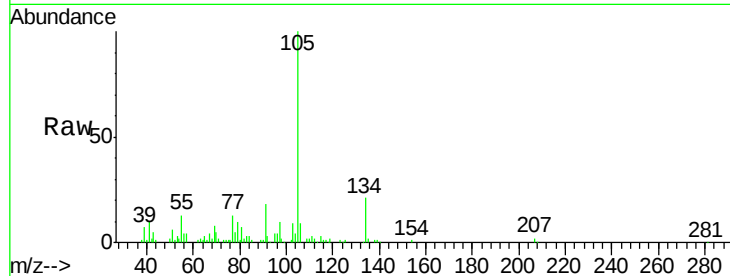
40329

Tot Ion:105 Resp: 80157

Ion Ratio Lower Upper

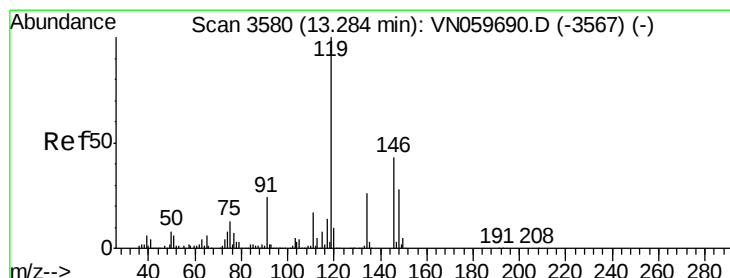
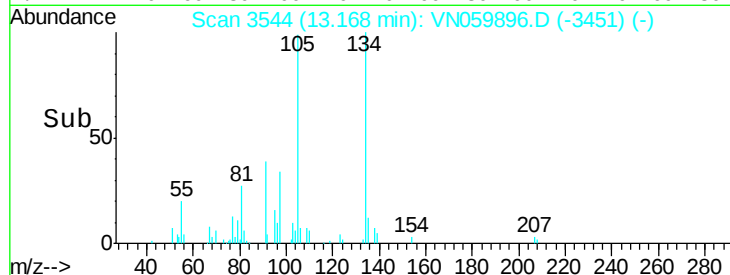
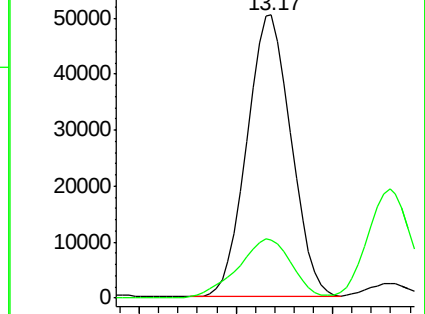
105 100

134 25.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.743 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059896.D

Acq: 28 Jan 2020 14:42

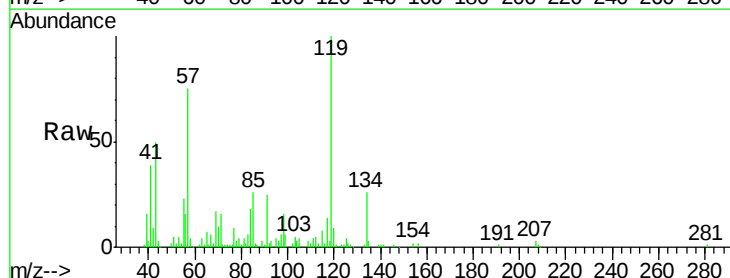
Tgt Ion:119 Resp: 53533

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

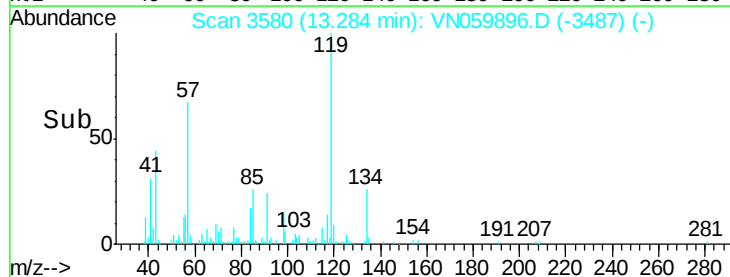
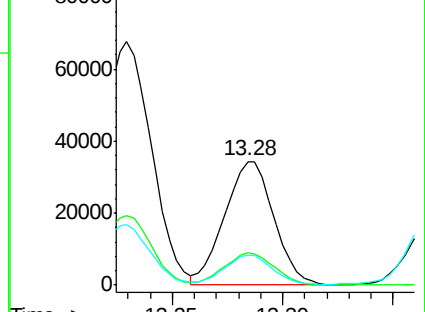
91 22.6 12.4 37.4

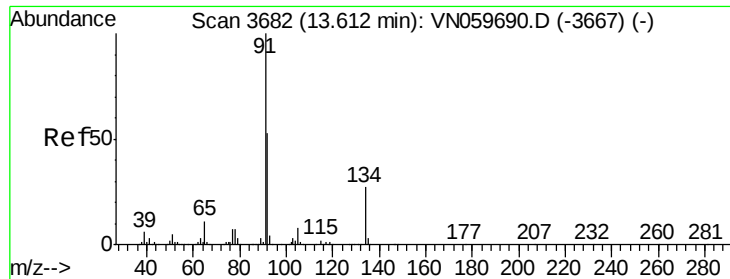


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

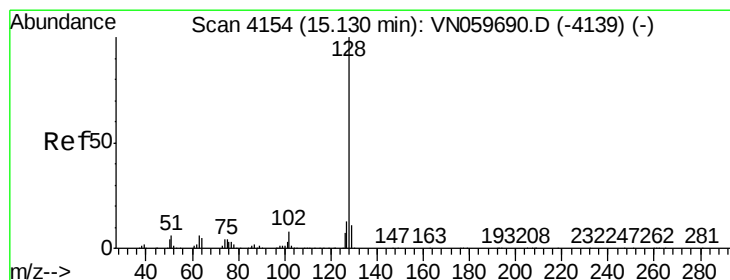
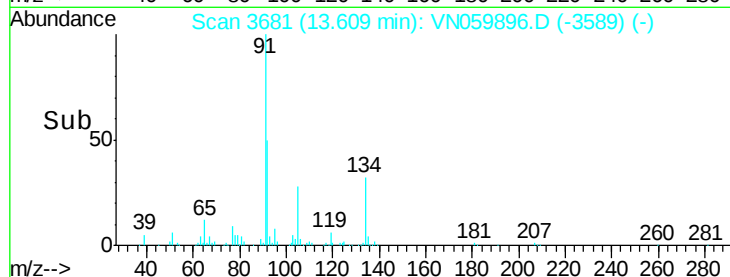
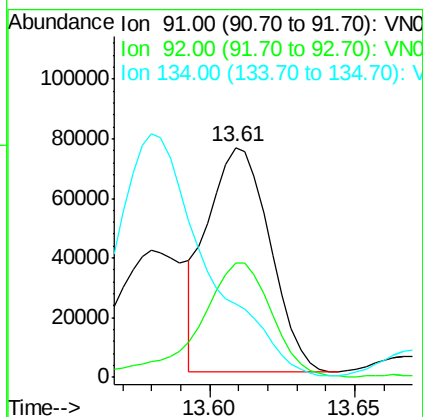
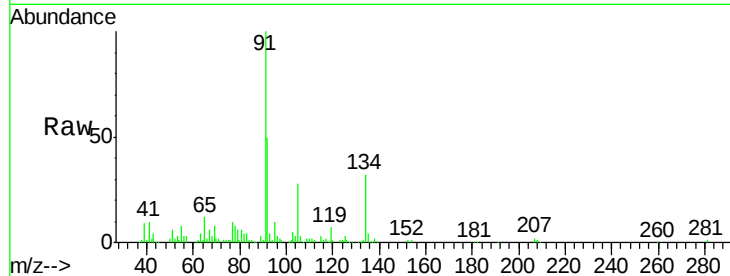




#89
n-Butylbenzene
Concen: 16.566 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
40329

Tot Ion: 91 Resp: 112133
Ion Ratio Lower Upper
91 100
92 58.3 25.9 77.7
134 0.0 12.3 36.8#



#95
Naphthalene
Concen: 36.561 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059896.D
Acq: 28 Jan 2020 14:42

Tgt Ion: 128 Resp: 243977
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 13.2 8.6 12.8#

