

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063750.D
 Acq On : 30 Sep 2020 15:32
 Operator : JC/MD
 Sample : L4129-17
 Misc : 9.52g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-2

Quant Time: Oct 01 02:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	223987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	182142	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	128246	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	
50) Toluene-d8	10.06	98	526356	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.38	95	214076	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	

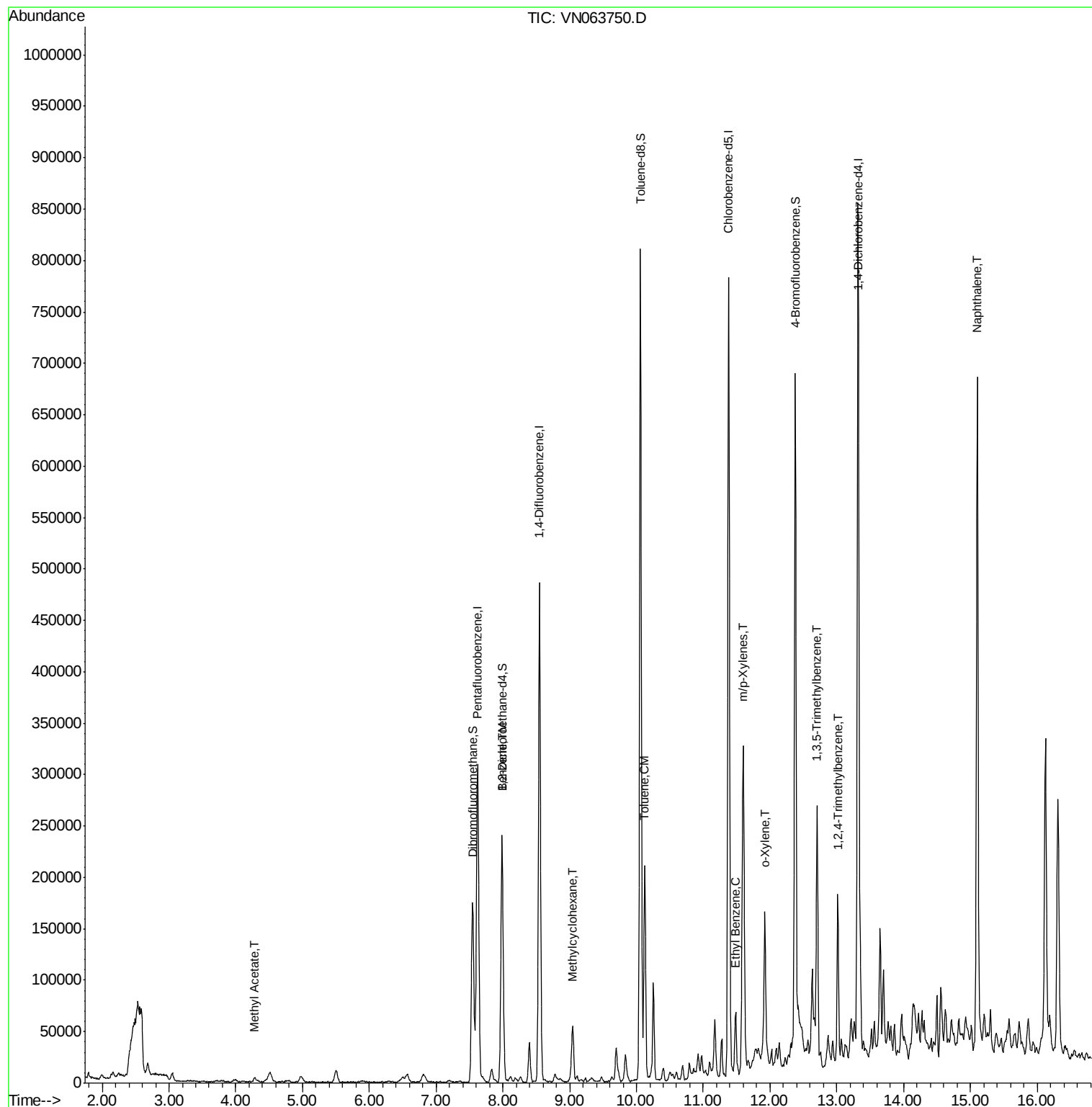
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.28	43	8937	3.022	ug/l #	78
39) Methylcyclohexane	9.05	83	20443	5.004	ug/l	97
40) Benzene	7.99	78	42977	3.673	ug/l	96
52) Toluene	10.13	92	84239	11.639	ug/l	96
67) Ethyl Benzene	11.49	91	40829	2.631	ug/l	98
68) m/p-Xylenes	11.59	106	74992	12.965	ug/l	99
69) o-Xylene	11.92	106	36682	6.785	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	45474	3.735	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	84148	6.923	ug/l	97
95) Naphthalene	15.10	128	524237	48.880	ug/l	99

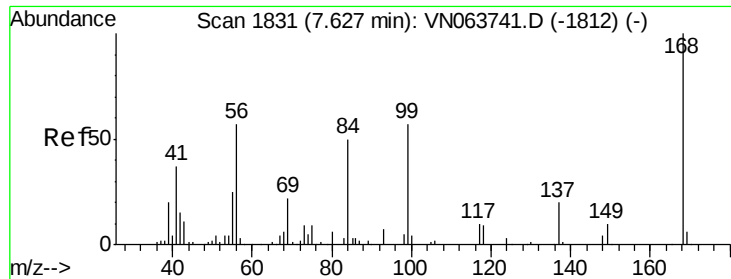
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063750.D
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Quant Time: Oct 01 02:42:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

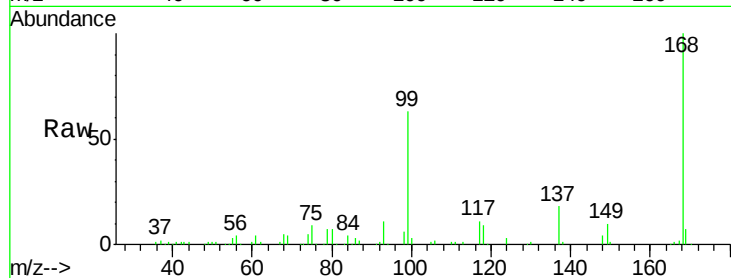
DRUM-COMP-2

Tot Ion:168 Resp: 223987

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

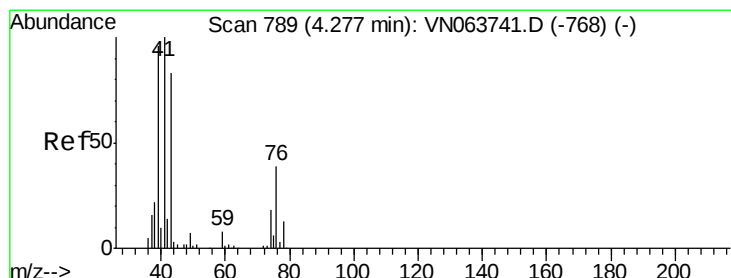
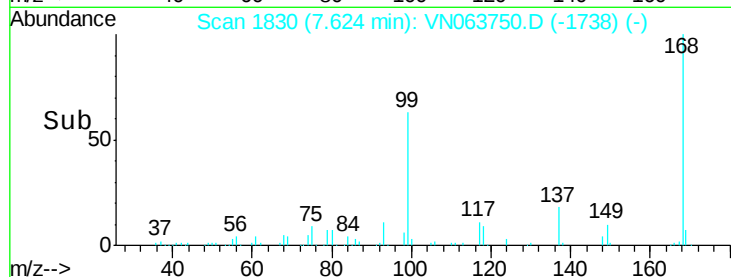
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#18

Methyl Acetate

Concen: 3.022 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063750.D

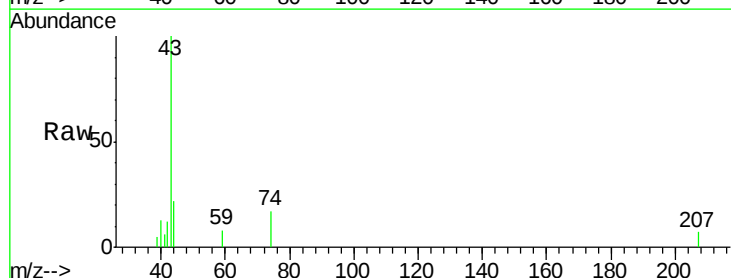
Acq: 30 Sep 2020 15:32

Tgt Ion: 43 Resp: 8937

Ion Ratio Lower Upper

43 100

74 11.4 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

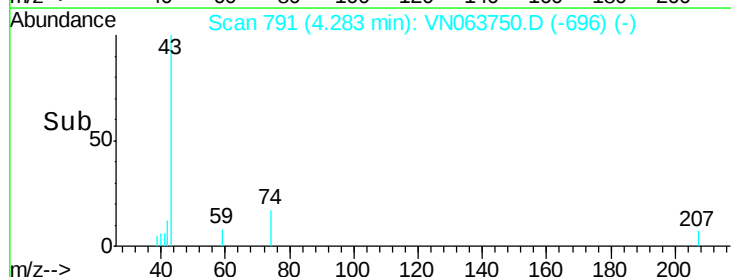
3000

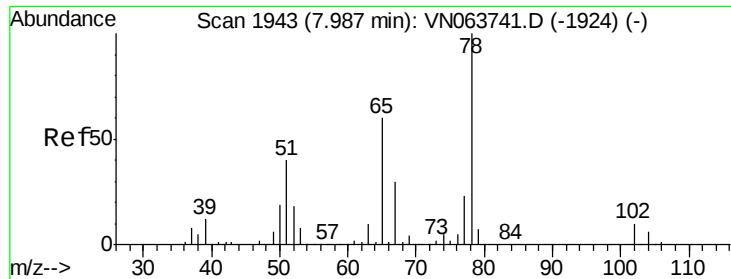
2000

1000

0

Time--> 4.20 4.25 4.30 4.35 4.40

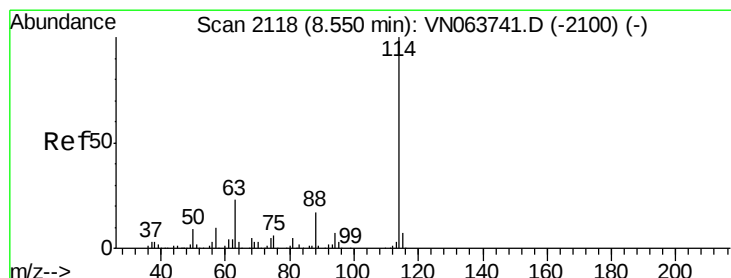
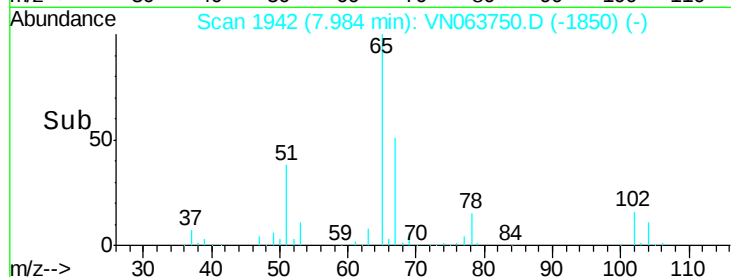
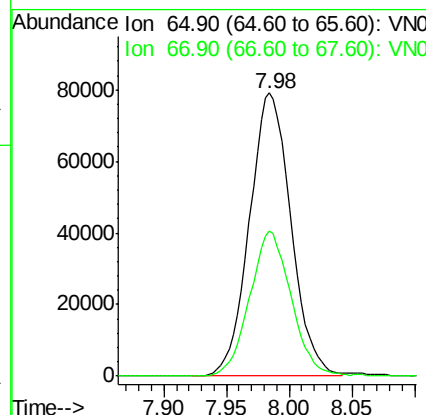
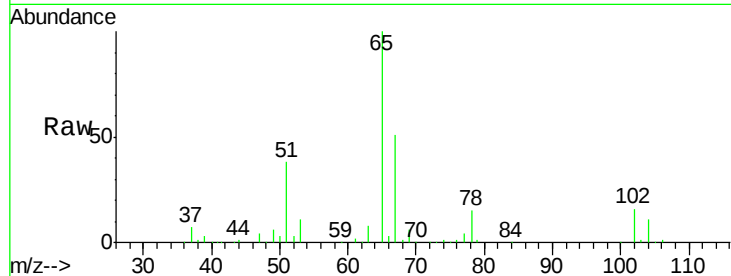




#33
 1,2-Dichloroethane-d4
 Concen: 49.222 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063750.D
 Acq: 30 Sep 2020 15:32

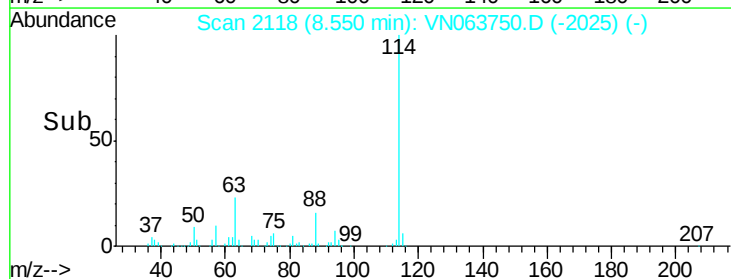
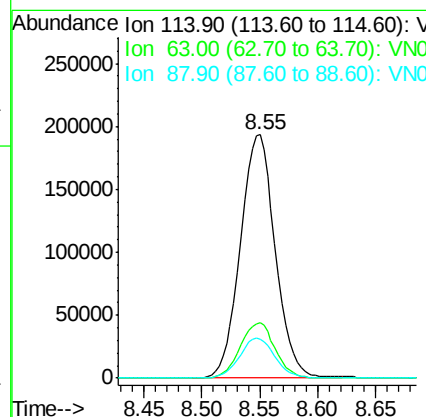
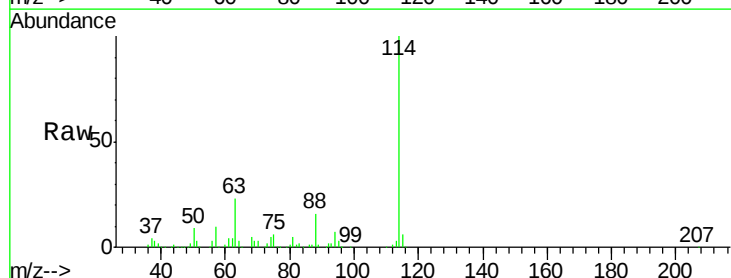
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-2

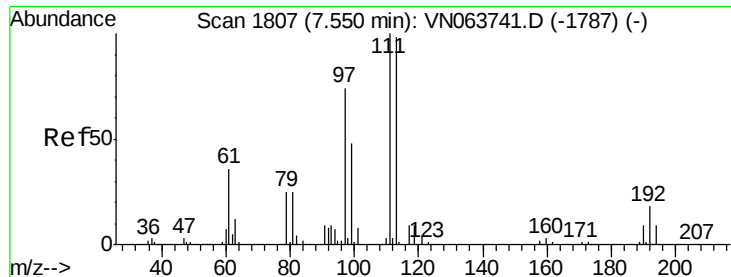
Tot Ion: 65 Resp: 182142
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063750.D
 Acq: 30 Sep 2020 15:32

Tgt Ion: 114 Resp: 404367
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 15.9 0.0 34.0

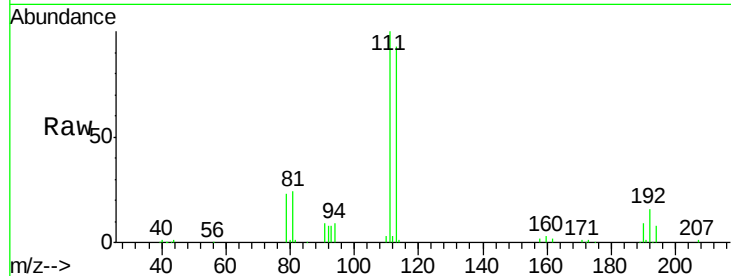




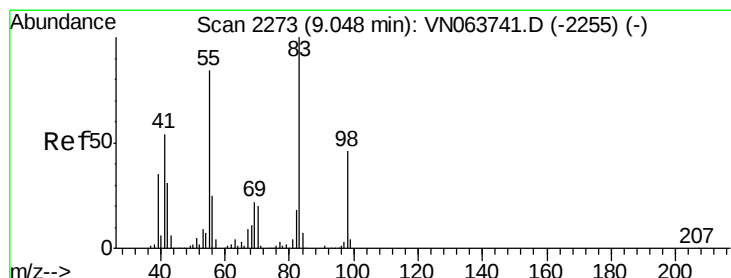
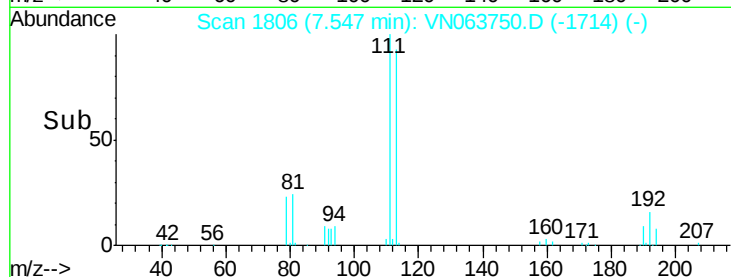
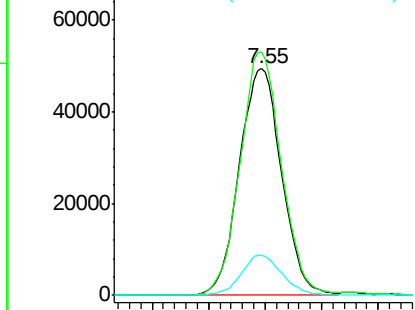
#35
Dibromofluoromethane
Concen: 45.707 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

Tot Ion:113 Resp: 128246
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.8
192 17.1 14.2 21.2

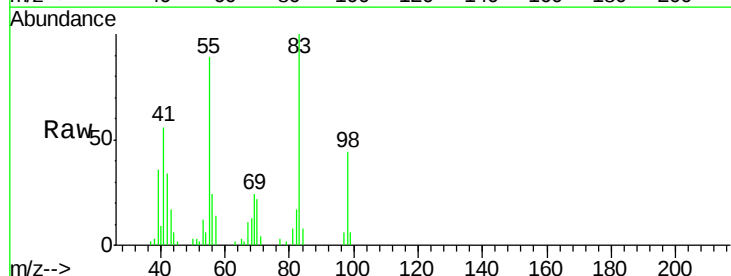


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

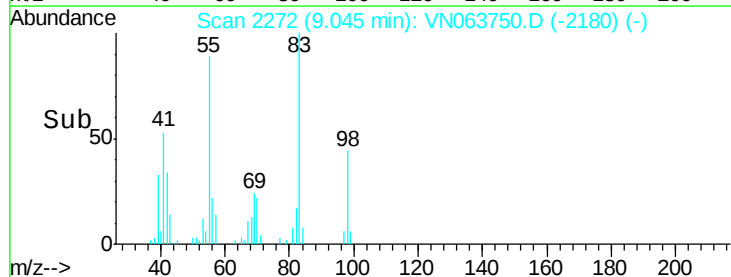
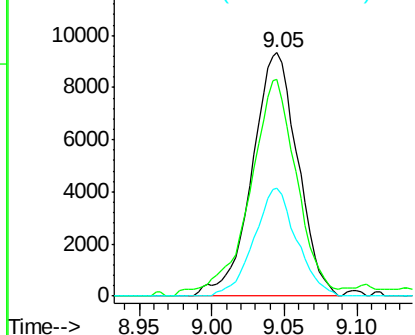


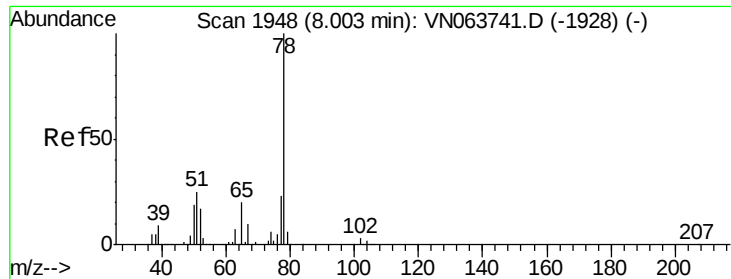
#39
Methylcyclohexane
Concen: 5.004 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

Tgt Ion: 83 Resp: 20443
Ion Ratio Lower Upper
83 100
55 86.5 67.1 100.7
98 44.1 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 3.673 ug/l

RT: 7.99 min Scan# 1945

Delta R.T. -0.01 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

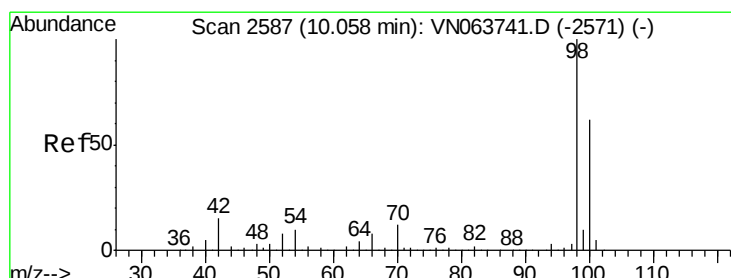
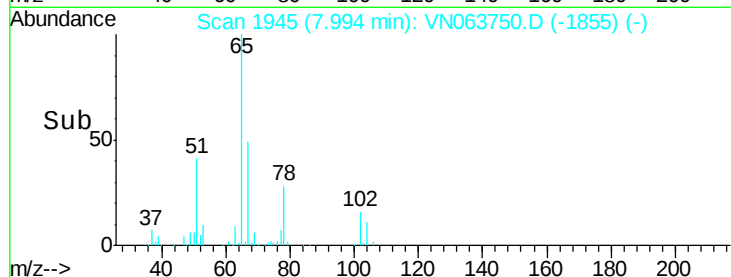
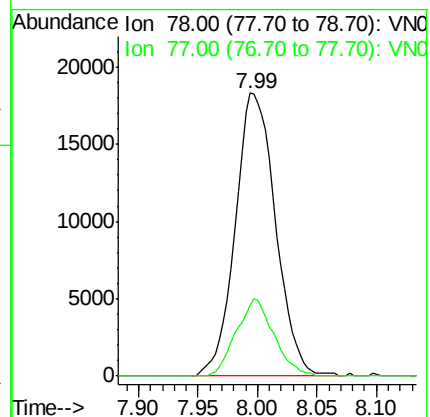
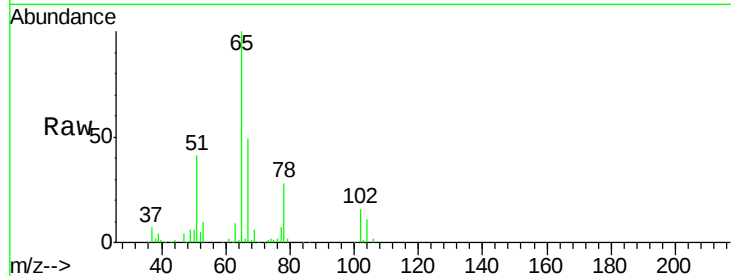
DRUM-COMP-2

Tot Ion: 78 Resp: 42977

Ion Ratio Lower Upper

78 100

77 25.2 18.7 28.1



#50

Toluene-d8

Concen: 49.486 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063750.D

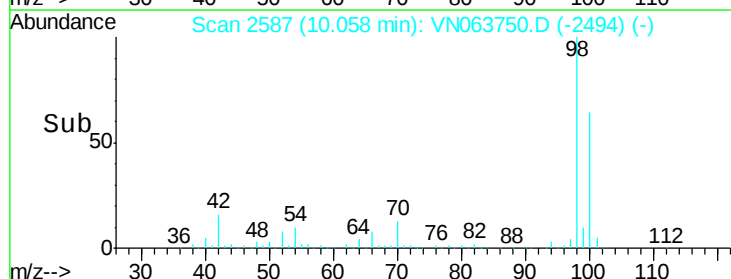
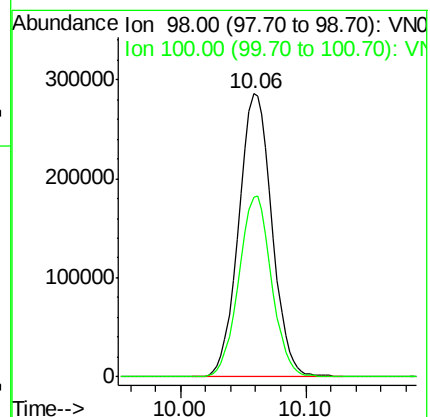
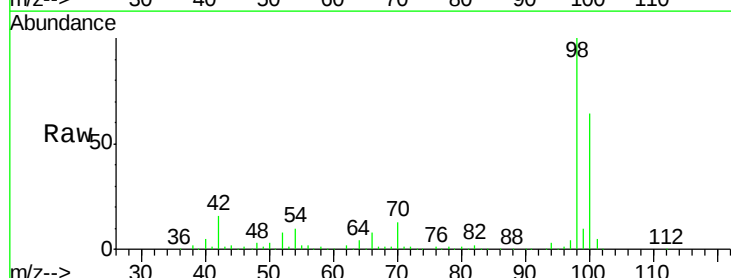
Acq: 30 Sep 2020 15:32

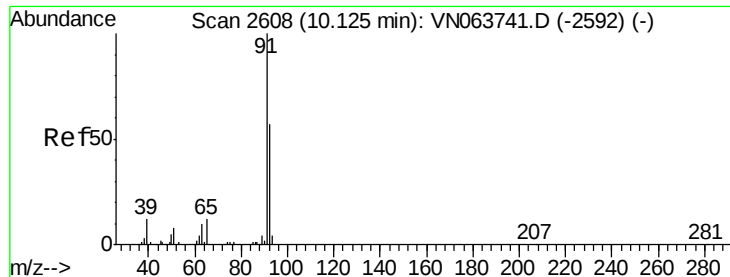
Tgt Ion: 98 Resp: 526356

Ion Ratio Lower Upper

98 100

100 63.1 49.8 74.6





#52

Toluene

Concen: 11.639 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

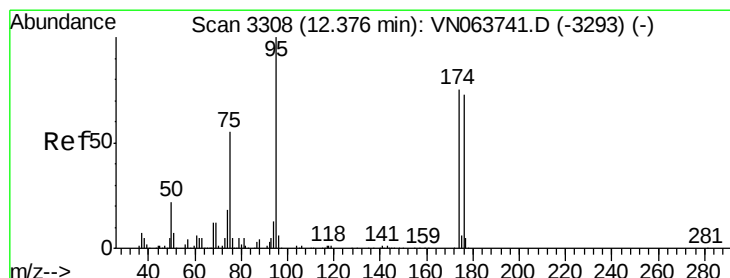
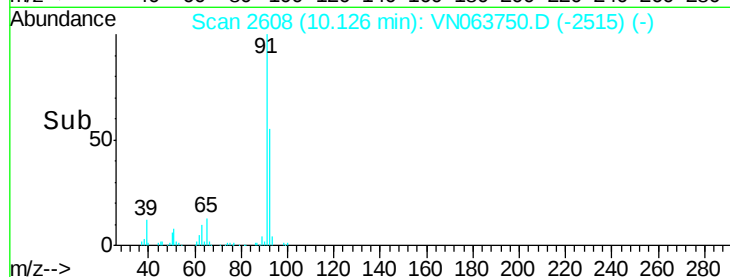
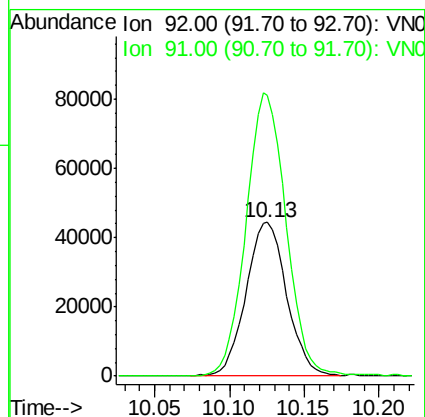
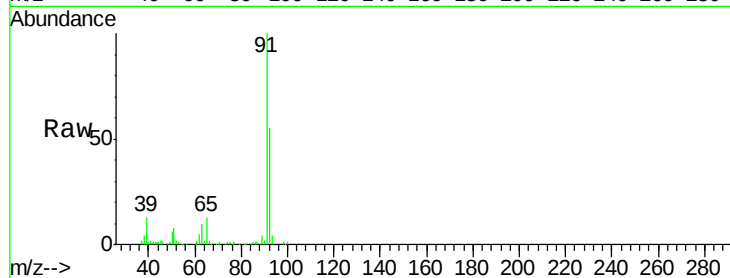
DRUM-COMP-2

Tot Ion: 92 Resp: 84239

Ion Ratio Lower Upper

92 100

91 181.4 140.6 210.8



#62

4-Bromofluorobenzene

Concen: 53.541 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

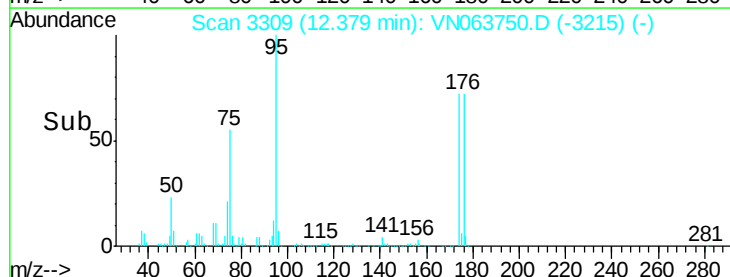
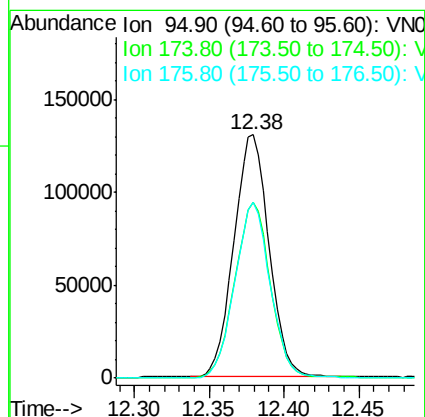
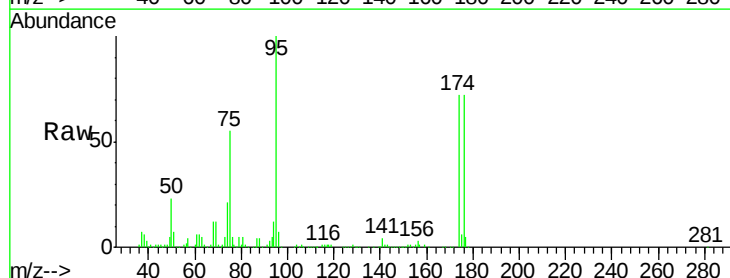
Tgt Ion: 95 Resp: 214076

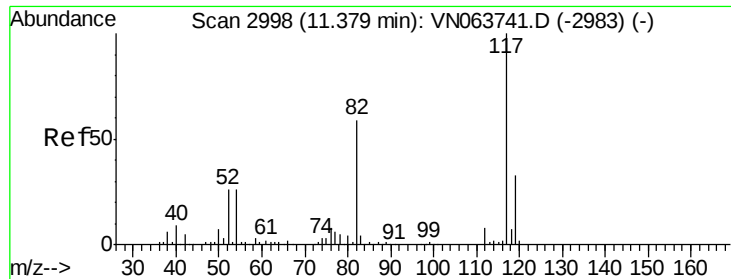
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 73.2 0.0 145.4

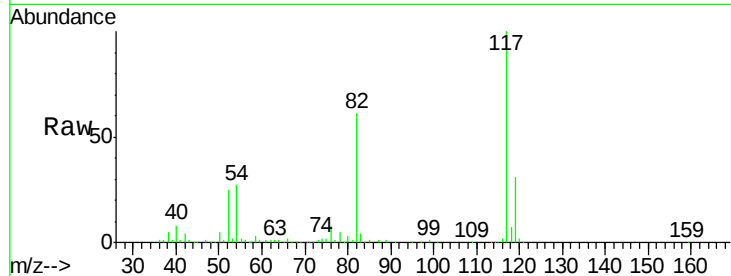




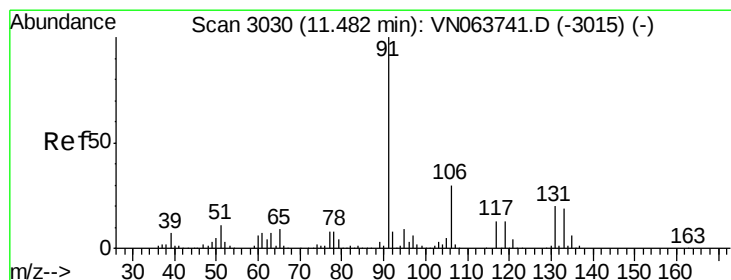
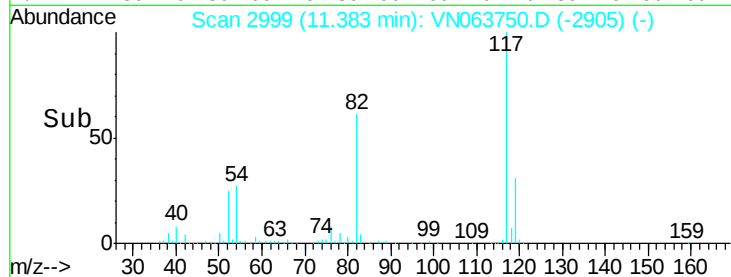
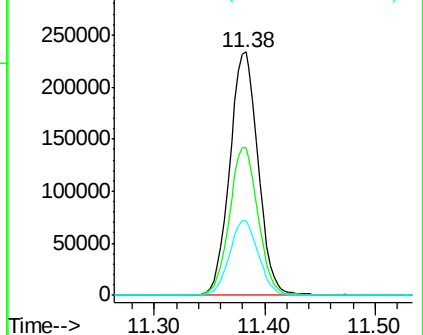
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

Tot Ion:117 Resp: 415775
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 30.9 26.4 39.6

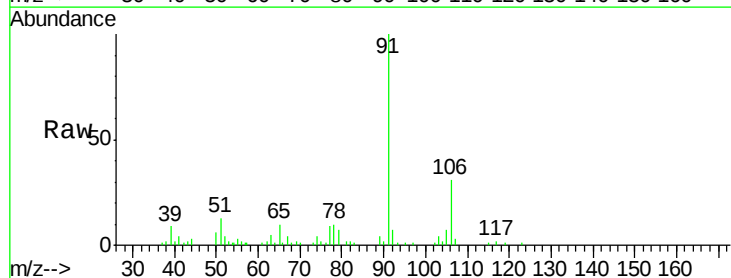


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

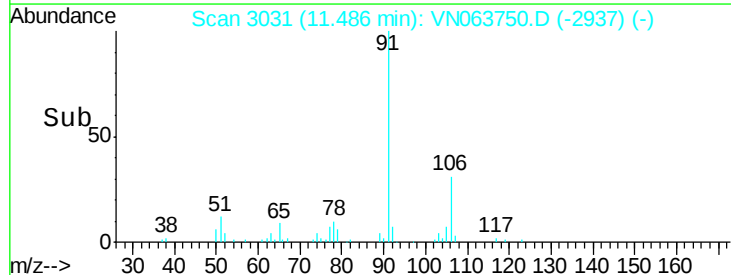
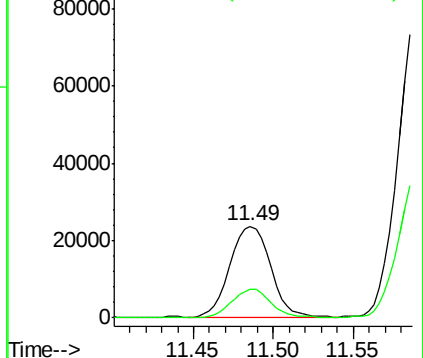


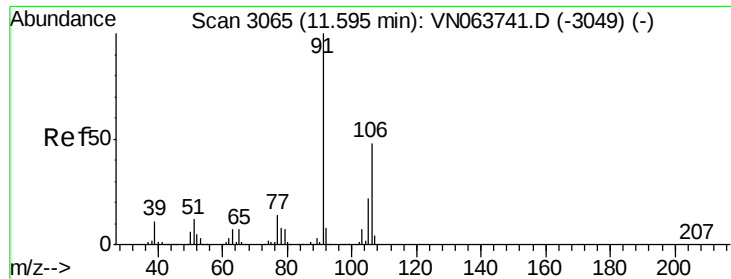
#67
Ethyl Benzene
Concen: 2.631 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

Tgt Ion: 91 Resp: 40829
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.2



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

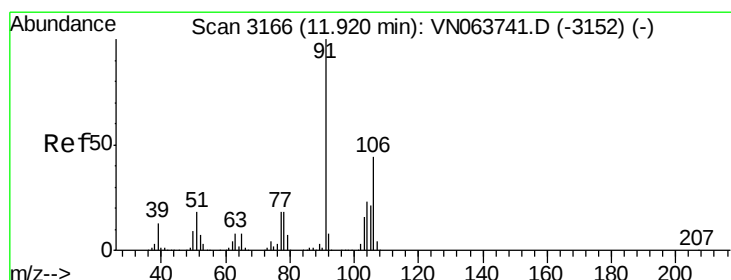
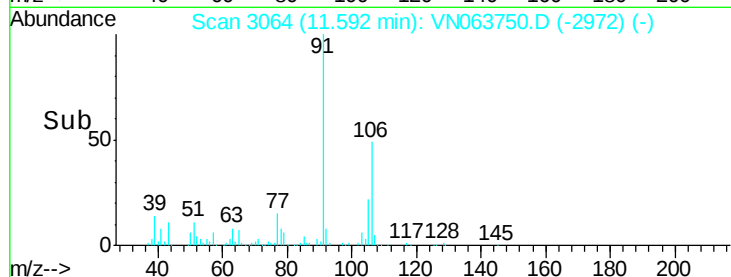
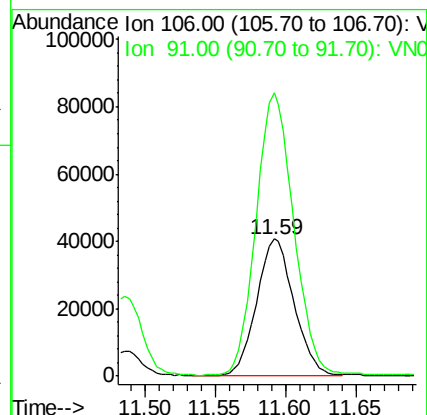
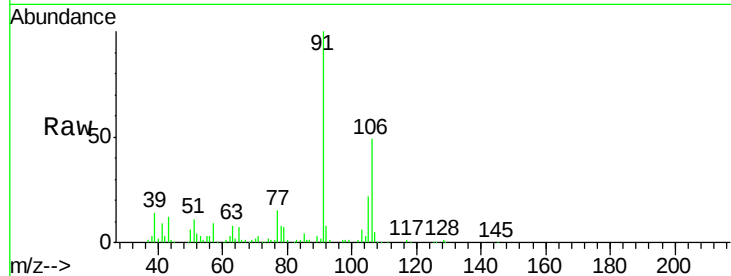




#68
m/p-Xylenes
Concen: 12.965 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

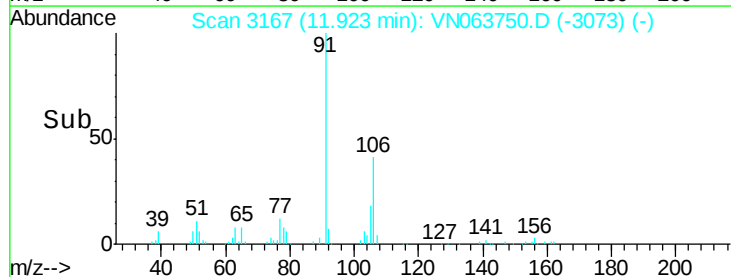
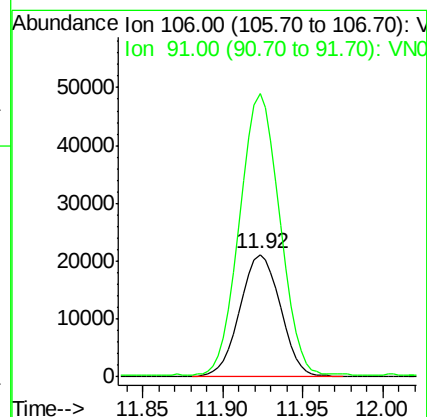
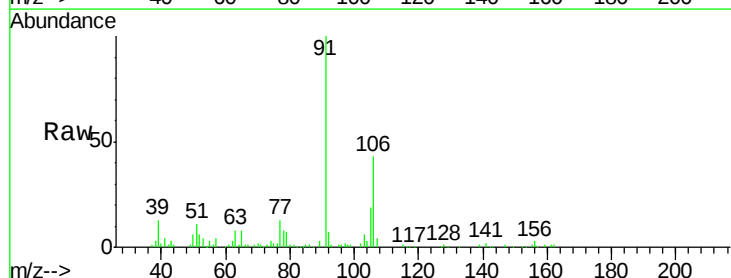
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

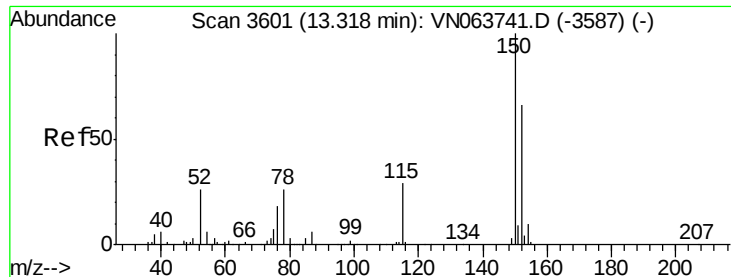
Tot Ion:106 Resp: 74992
Ion Ratio Lower Upper
106 100
91 208.8 168.0 252.0



#69
o-Xylene
Concen: 6.785 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063750.D
Acq: 30 Sep 2020 15:32

Tgt Ion:106 Resp: 36682
Ion Ratio Lower Upper
106 100
91 226.2 112.7 338.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-2

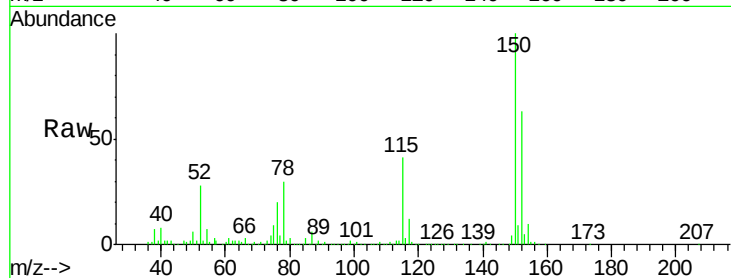
Tot Ion:152 Resp: 198947

Ion Ratio Lower Upper

152 100

115 64.3 31.3 93.8

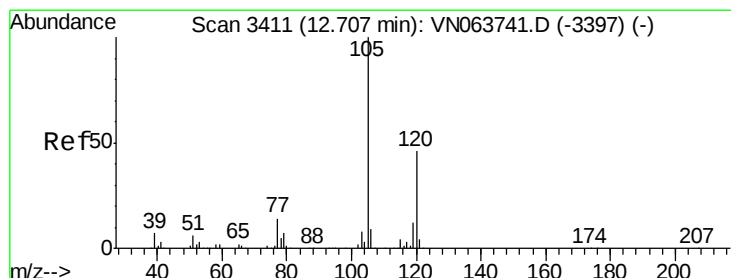
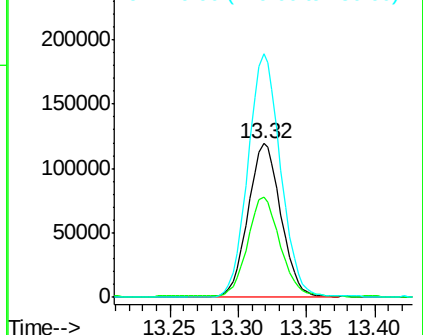
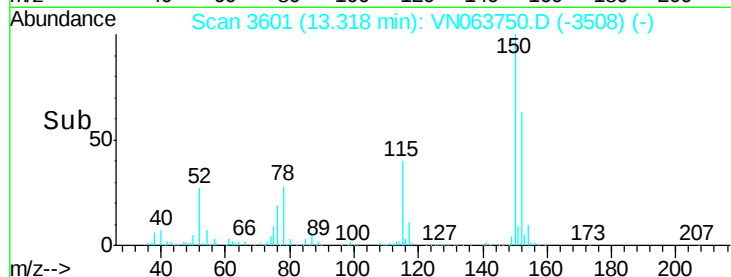
150 157.9 0.0 341.8



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: 3.735 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063750.D

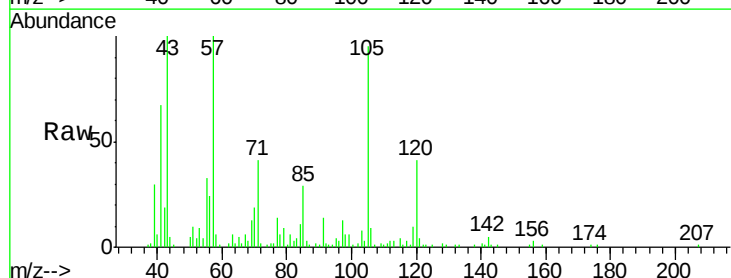
Acq: 30 Sep 2020 15:32

Tgt Ion:105 Resp: 45474

Ion Ratio Lower Upper

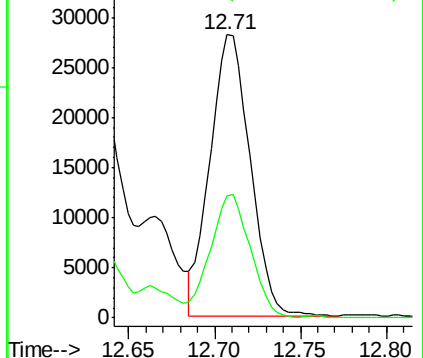
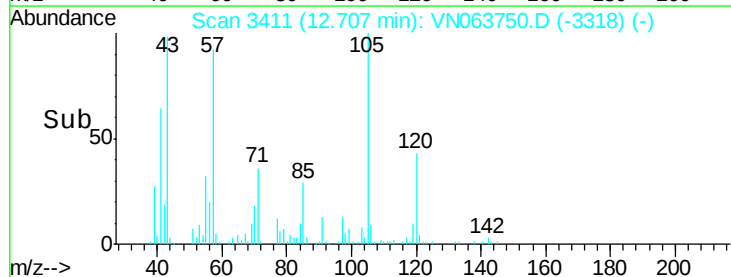
105 100

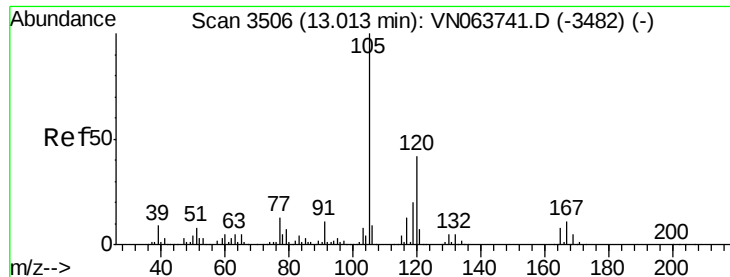
120 44.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.923 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

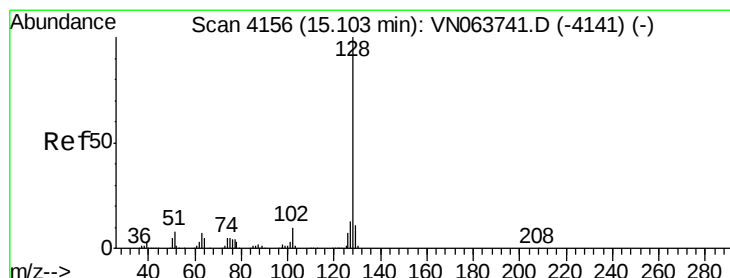
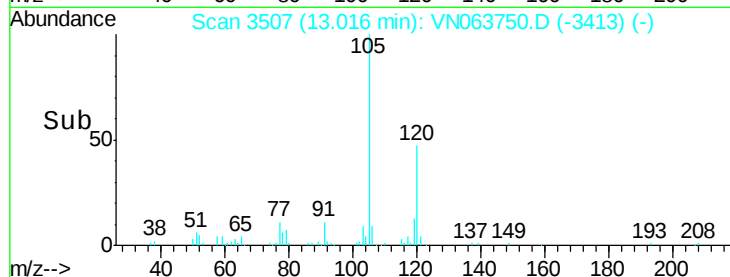
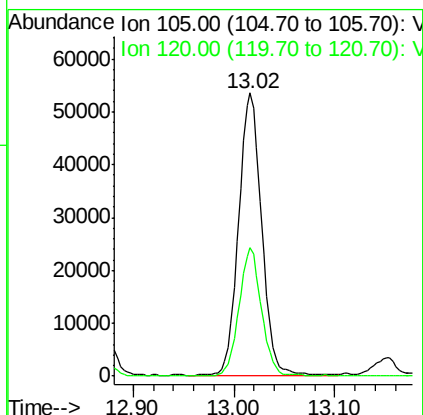
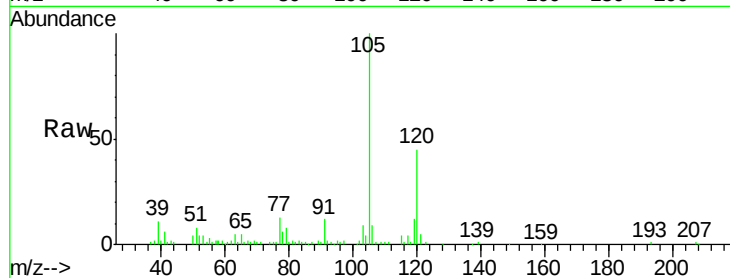
DRUM-COMP-2

Tot Ion:105 Resp: 84148

Ion Ratio Lower Upper

105 100

120 44.0 20.9 62.7



#95

Naphthalene

Concen: 48.880 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063750.D

Acq: 30 Sep 2020 15:32

Tgt Ion:128 Resp: 524237

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.7 8.7 13.1

