

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063114.D
 Acq On : 25 Aug 2020 14:57
 Operator : JC/MD
 Sample : L3771-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

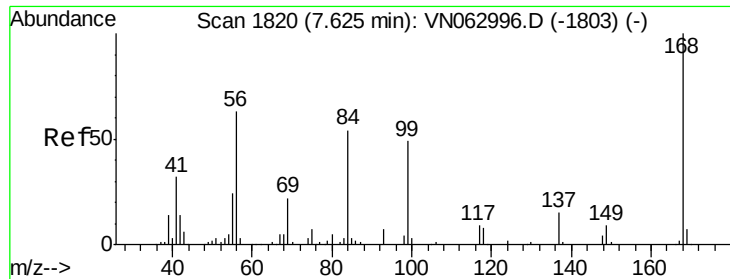
Quant Time: Aug 26 06:28:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	134706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	222172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	92034	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	
35) Dibromofluoromethane	7.55	113	76619	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.06	98	288677	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.38	95	111909	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.04	83	867m	1.880	ug/l	
40) Benzene	8.00	78	8451	1.361	ug/l	100
52) Toluene	10.12	92	42439	11.329	ug/l	98
67) Ethyl Benzene	11.49	91	42467	5.286	ug/l	100
68) m/p-Xylenes	11.59	106	64201	21.500	ug/l	100
69) o-Xylene	11.92	106	40149	14.002	ug/l	99
73) Isopropylbenzene	12.22	105	9503	1.156	ug/l	96
78) n-propylbenzene	12.57	91	26747	2.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	43778	6.441	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	196593	29.690	ug/l	99
89) n-Butylbenzene	13.59	91	7305	3.824	ug/l #	67
95) Naphthalene	15.11	128	71540	18.891	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

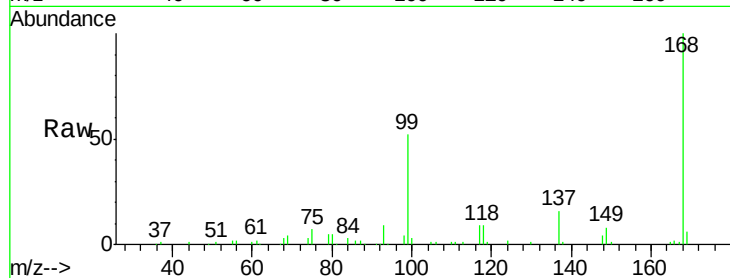
DRUM-1

Tot Ion:168 Resp: 134706

Ion Ratio Lower Upper

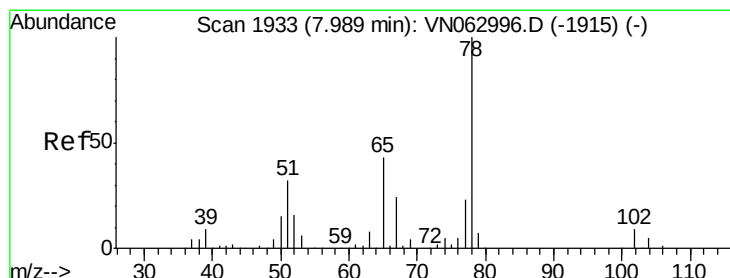
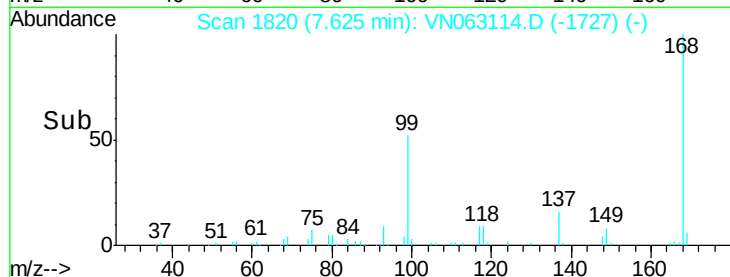
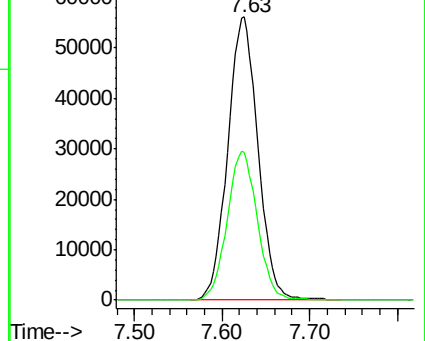
168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.647 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063114.D

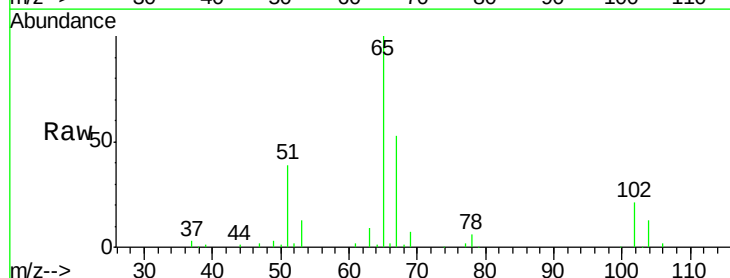
Acq: 25 Aug 2020 14:57

Tgt Ion: 65 Resp: 92034

Ion Ratio Lower Upper

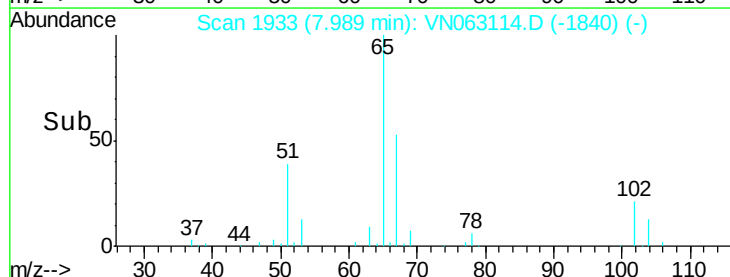
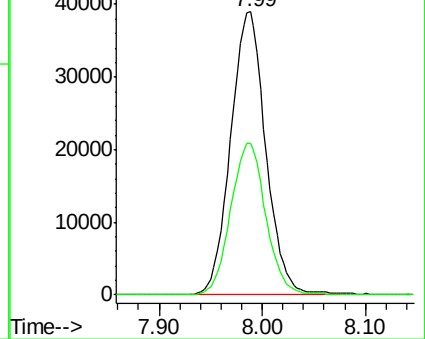
65 100

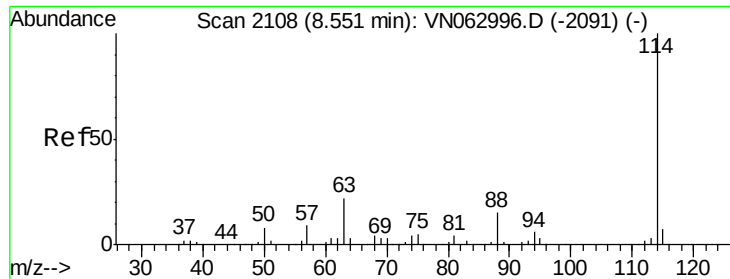
67 53.5 0.0 112.0



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: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

DRUM-1

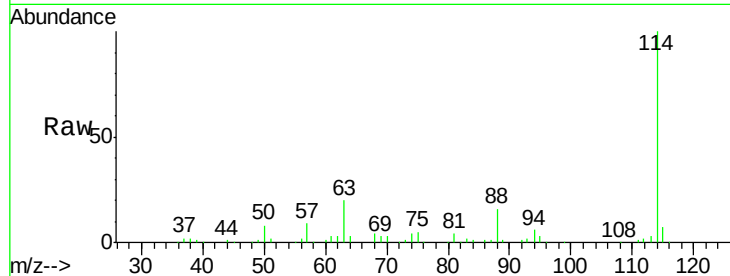
Tot Ion:114 Resp: 222172

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

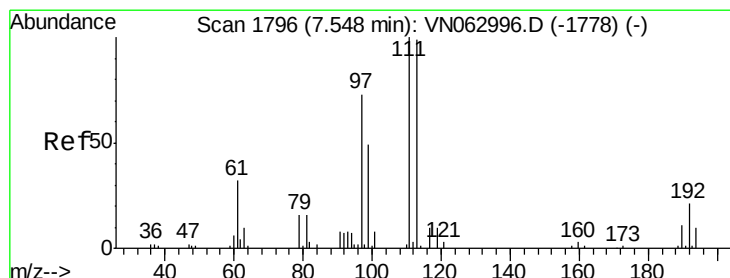
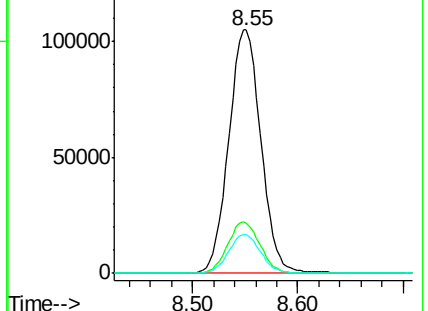
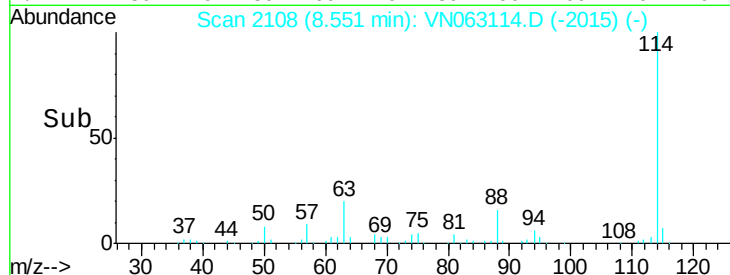
88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 52.926 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

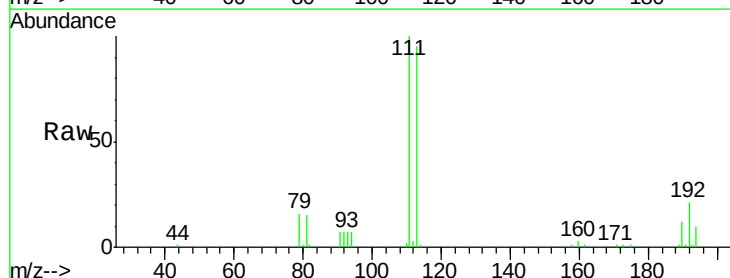
Tgt Ion:113 Resp: 76619

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

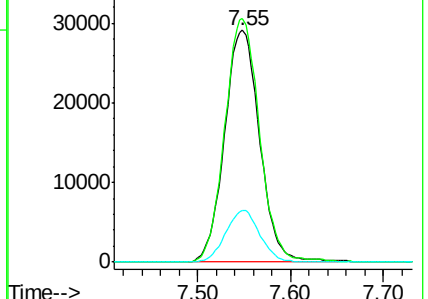
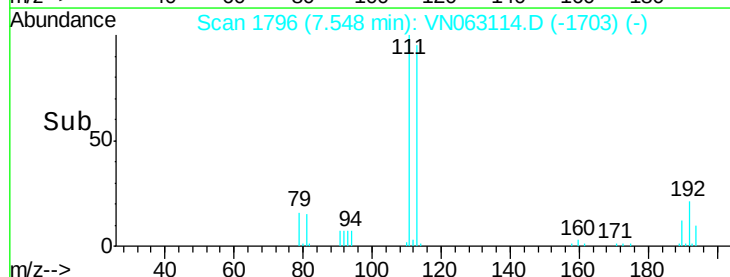
192 21.5 17.5 26.3

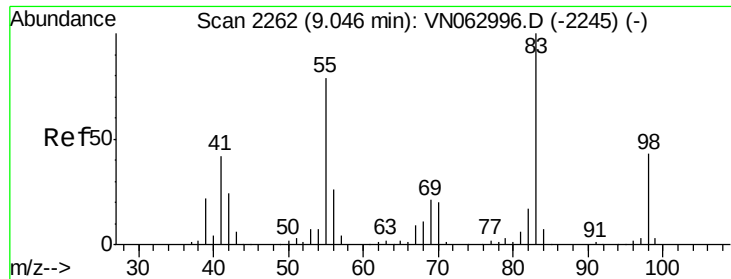


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

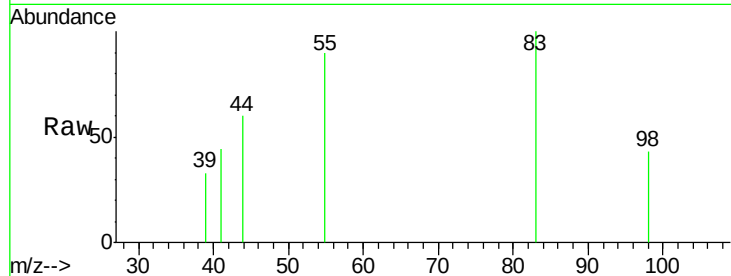




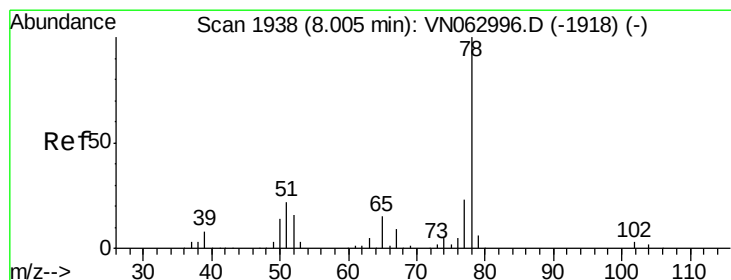
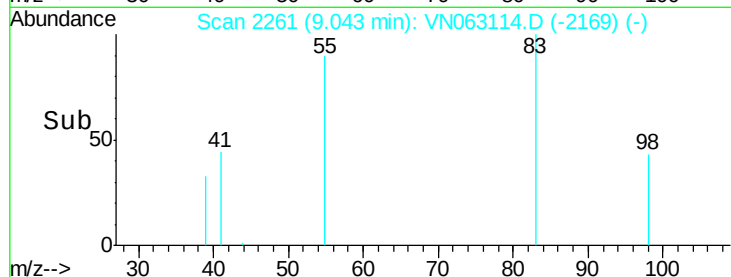
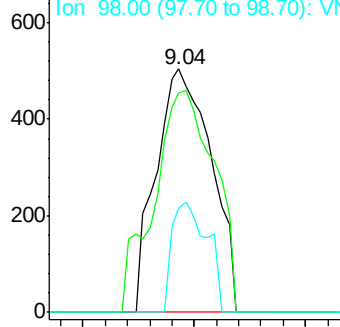
#39
Methylvlcyclohexane
Concen: 1.880 ug/l m
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion: 83 Resp: 867
Ion Ratio Lower Upper
83 100
55 90.1 63.3 94.9
98 42.7 34.2 51.4

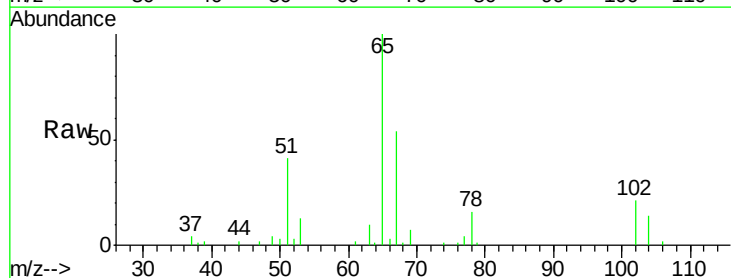


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

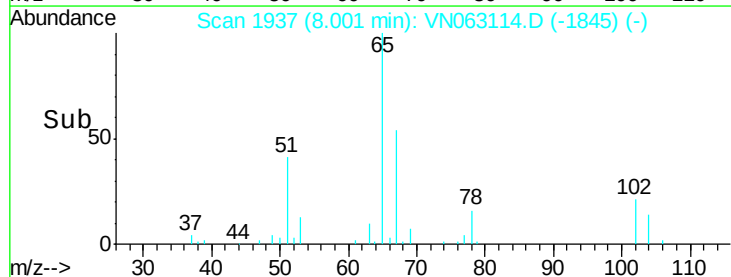
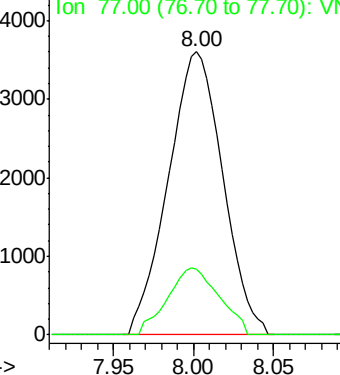


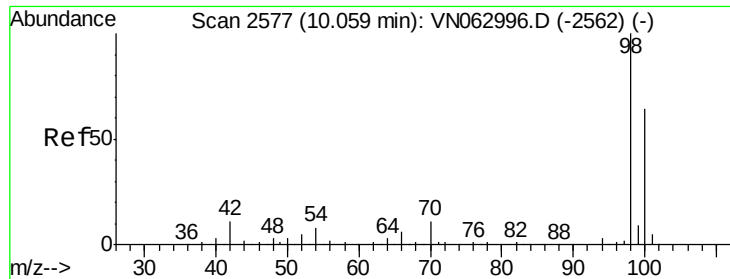
#40
Benzene
Concen: 1.361 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 78 Resp: 8451
Ion Ratio Lower Upper
78 100
77 23.3 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: 51.915 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampleId :

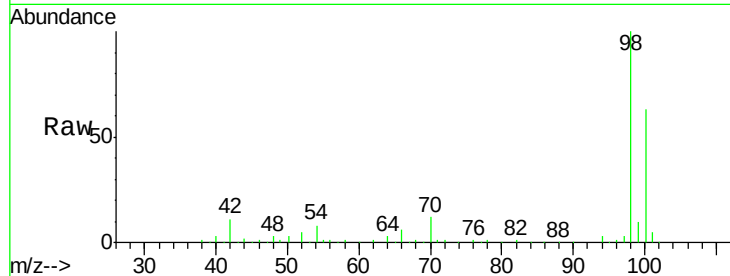
DRUM-1

Tot Ion: 98 Resp: 288677

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN063114.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN063114.D (-2562) (-)

10.06

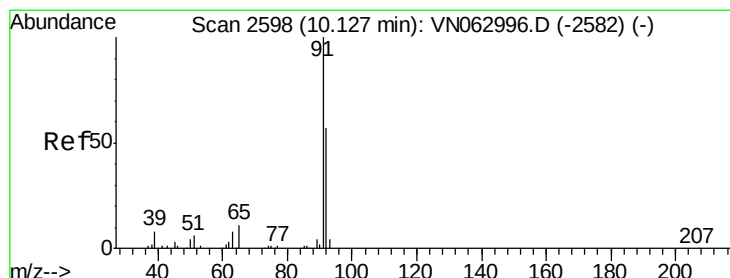
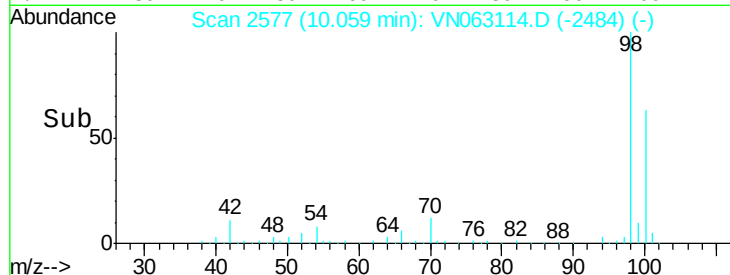
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 11.329 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063114.D

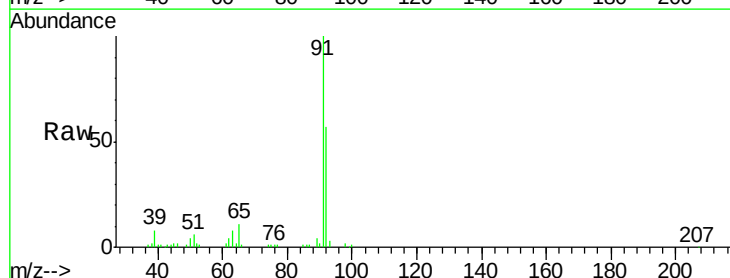
Acq: 25 Aug 2020 14:57

Tgt Ion: 92 Resp: 42439

Ion Ratio Lower Upper

92 100

91 177.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN063114.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN063114.D (-2505) (-)

10.12

40000

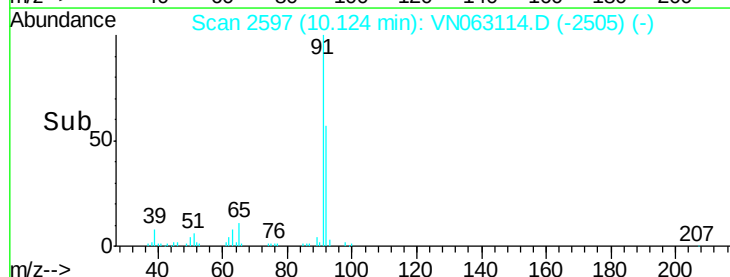
30000

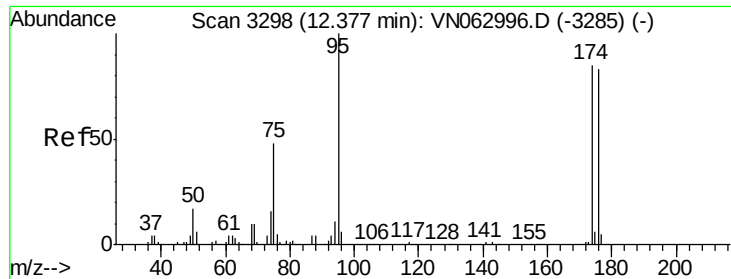
20000

10000

0

Time-->

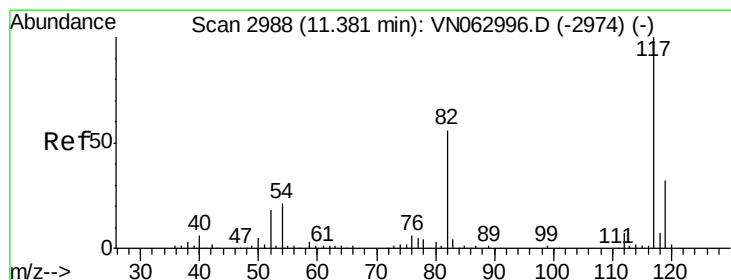
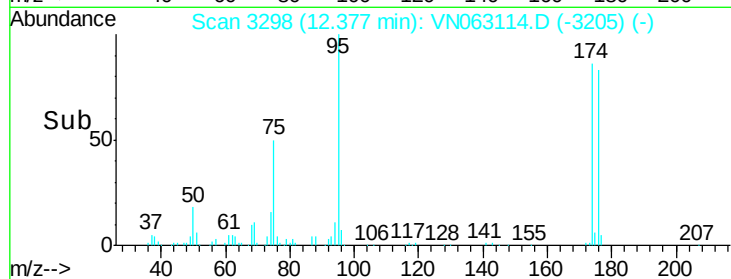
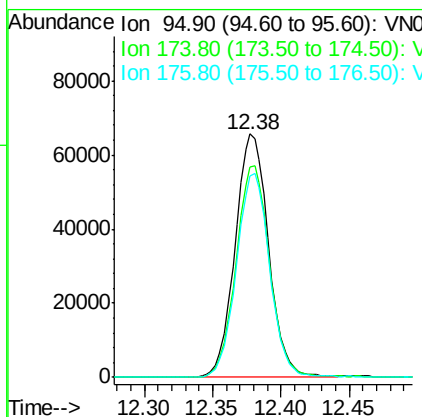
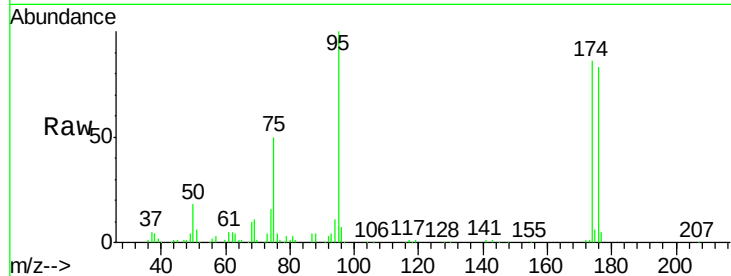




#62
4-Bromofluorobenzene
Concen: 57.031 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

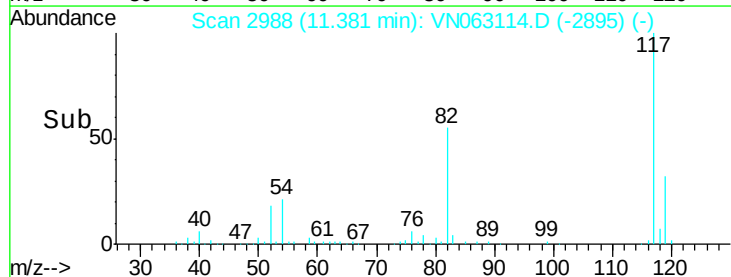
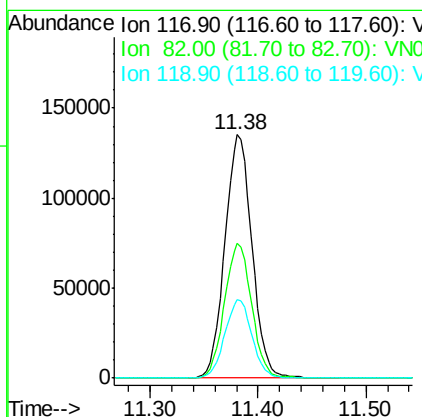
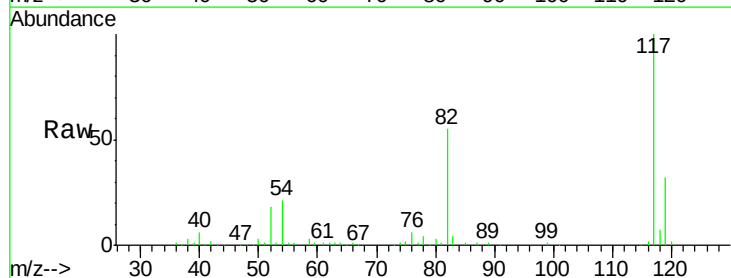
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

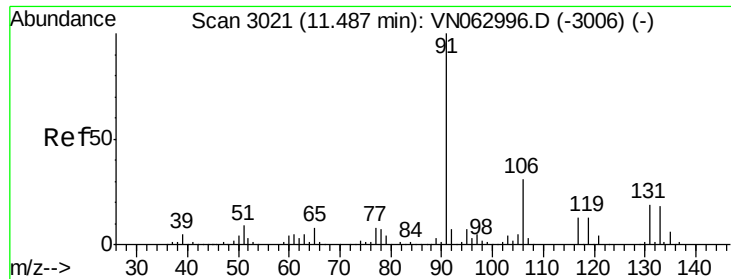
Tot Ion: 95 Resp: 111909
Ion Ratio Lower Upper
95 100
174 87.2 0.0 170.8
176 83.1 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 117 Resp: 236752
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 32.2 25.5 38.3

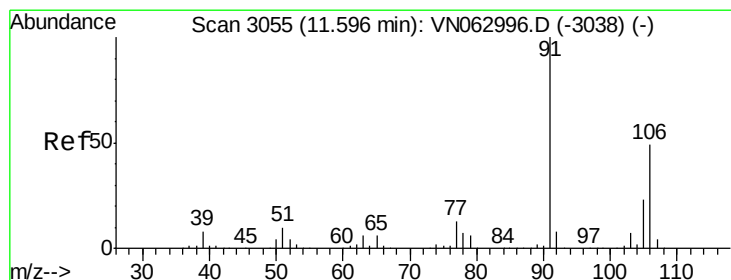
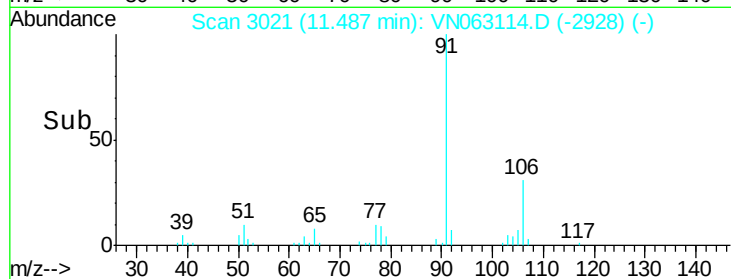
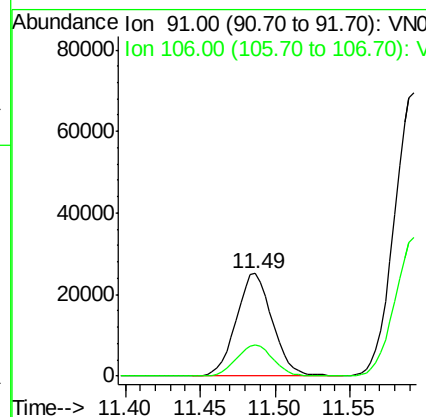
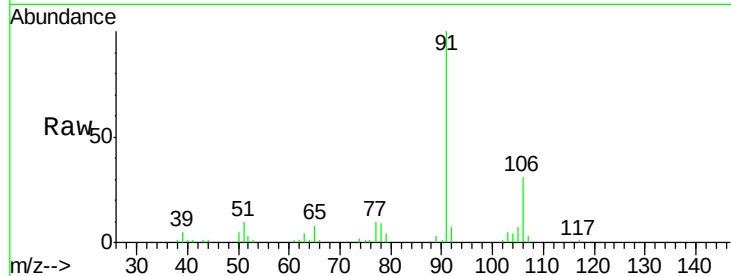




#67
Ethyl Benzene
Concen: 5.286 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

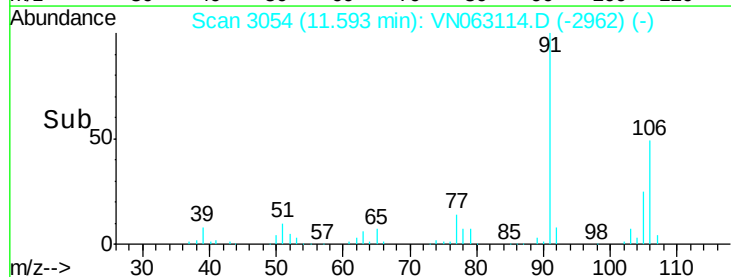
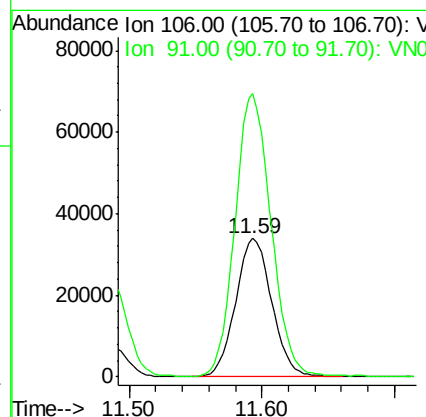
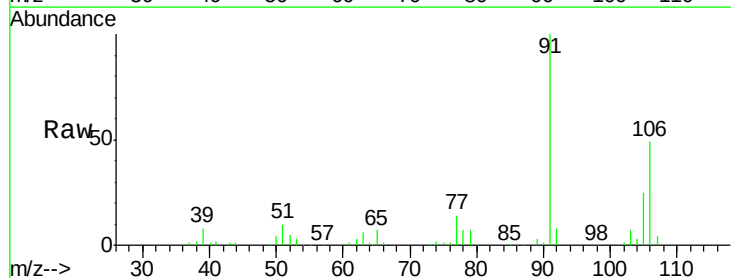
Instrument :
MSVOA_N
ClientSampled :
DRUM-1

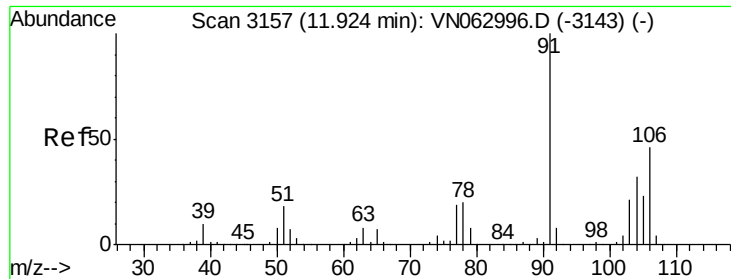
Tot Ion: 91 Resp: 42467
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 21.500 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 106 Resp: 64201
Ion Ratio Lower Upper
106 100
91 204.2 163.0 244.4

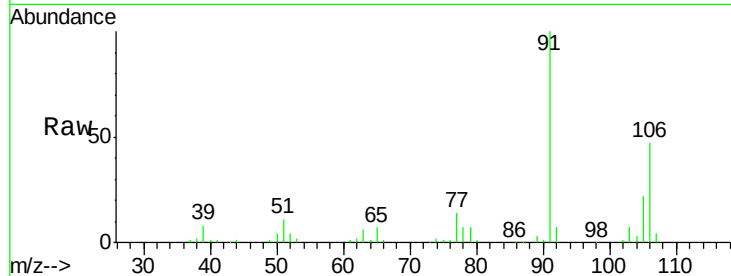




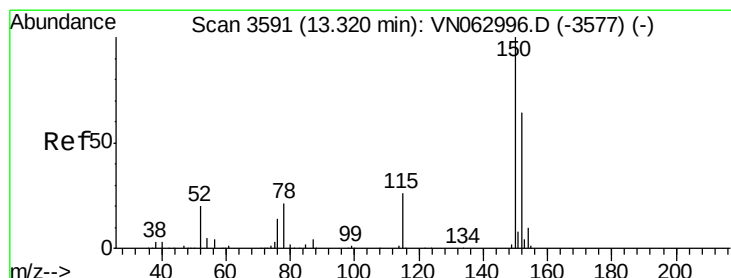
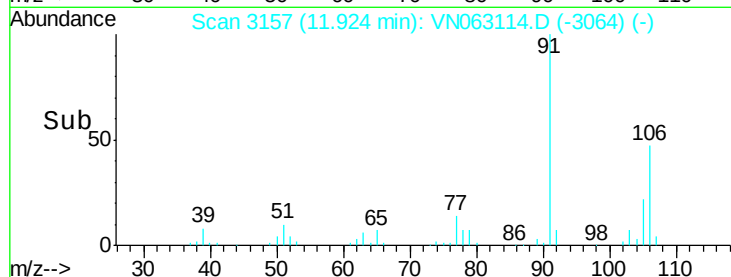
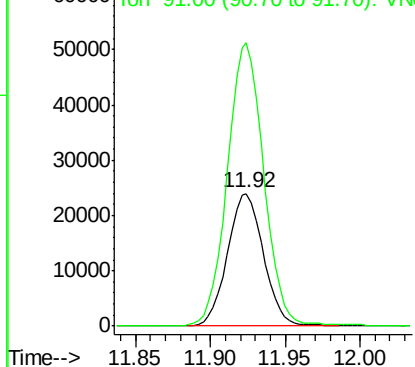
#69
o-Xylene
Concen: 14.002 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion:106 Resp: 40149
Ion Ratio Lower Upper
106 100
91 216.7 107.3 321.9

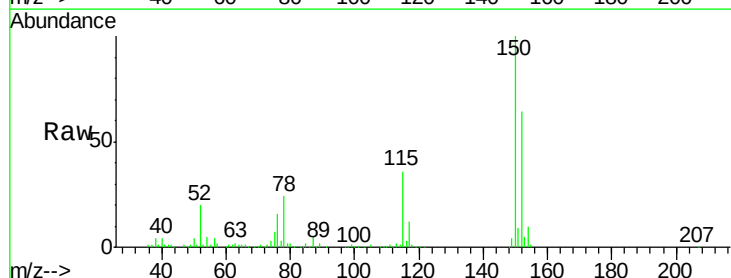


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

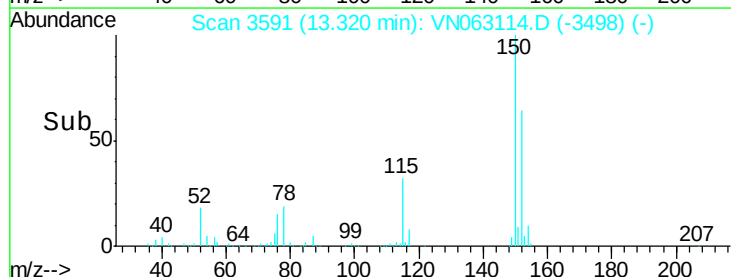
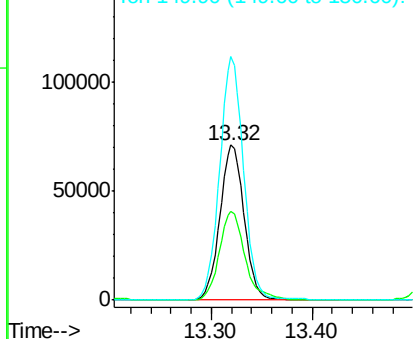


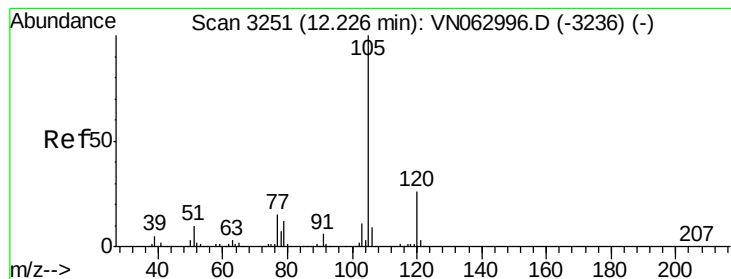
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion:152 Resp: 120066
Ion Ratio Lower Upper
152 100
115 59.5 28.7 86.3
150 155.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 1.156 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063114.D

Acq: 25 Aug 2020 14:57

Instrument :

MSVOA_N

ClientSampled :

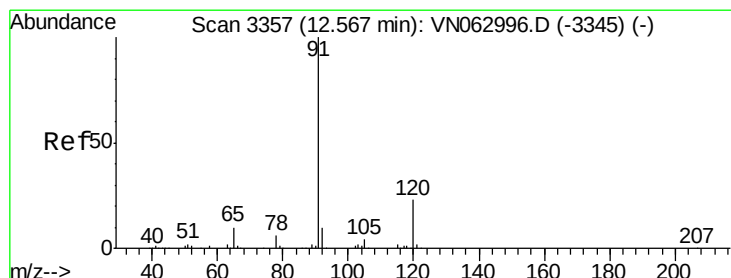
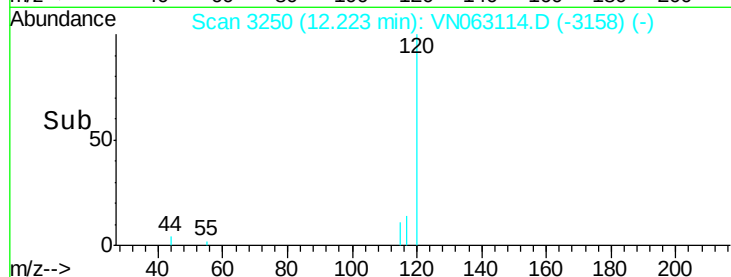
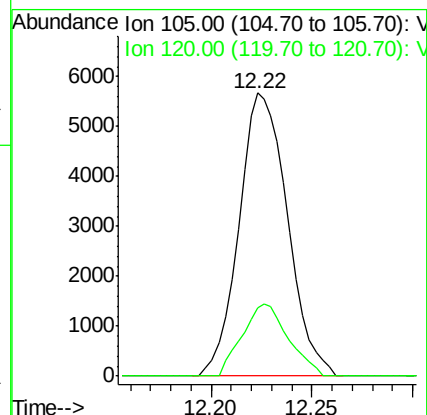
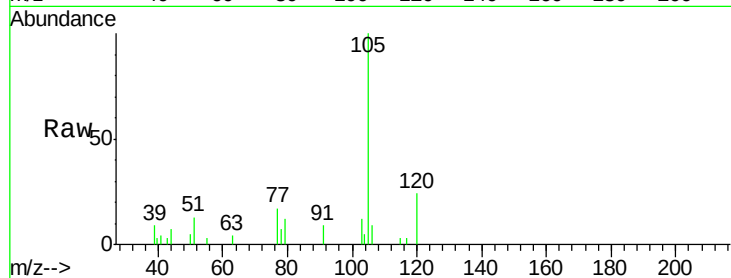
DRUM-1

Tot Ion:105 Resp: 9503

Ion Ratio Lower Upper

105 100

120 24.3 13.2 39.6



#78

n-propylbenzene

Concen: 2.854 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063114.D

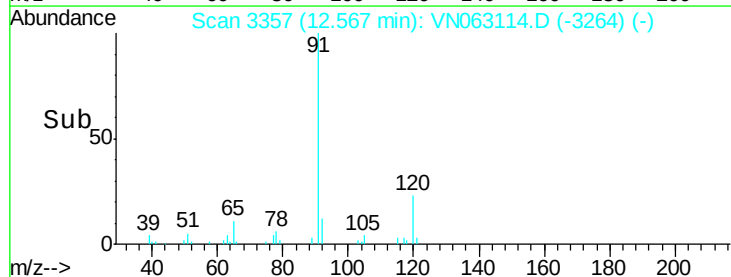
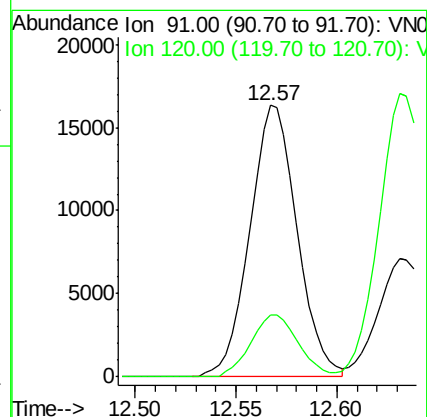
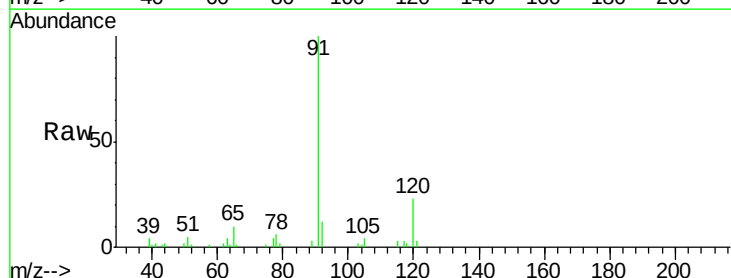
Acq: 25 Aug 2020 14:57

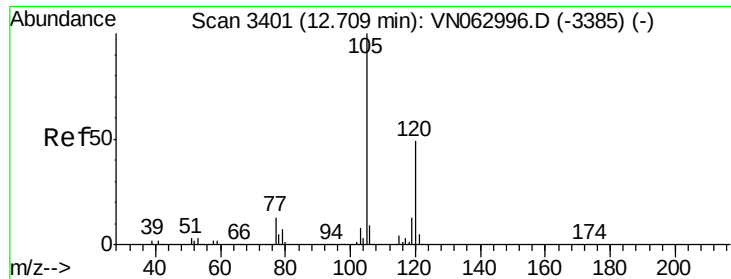
Tgt Ion: 91 Resp: 26747

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1

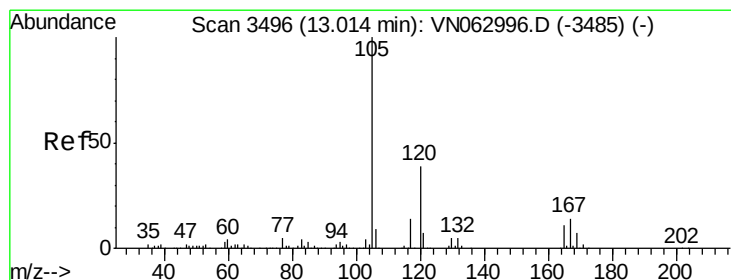
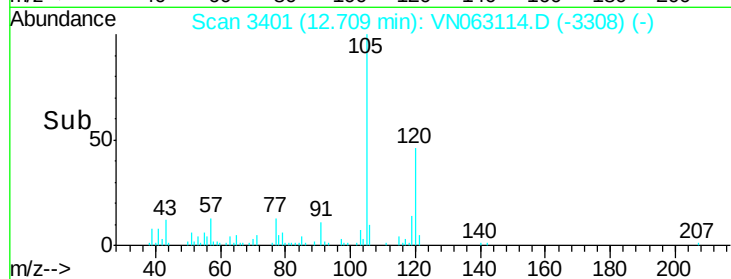
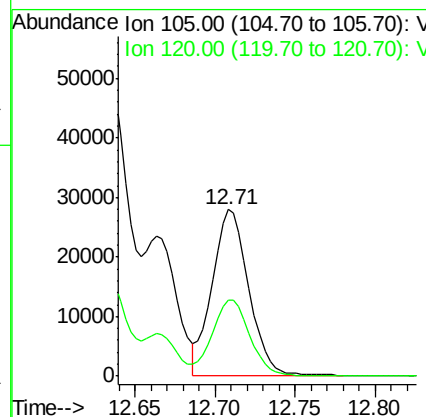
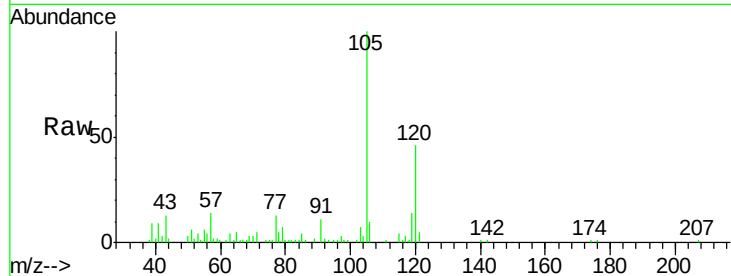




#80
 1,3,5-Trimethylbenzene
 Concen: 6.441 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

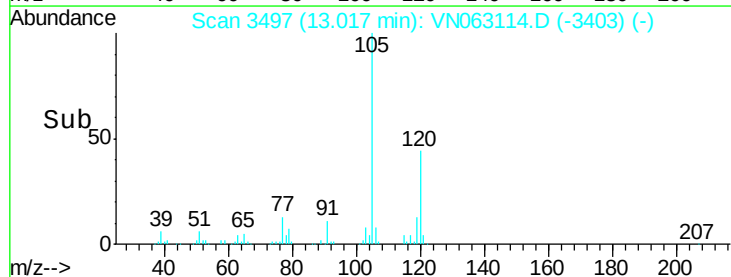
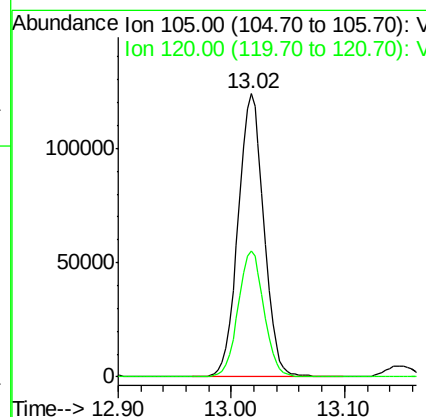
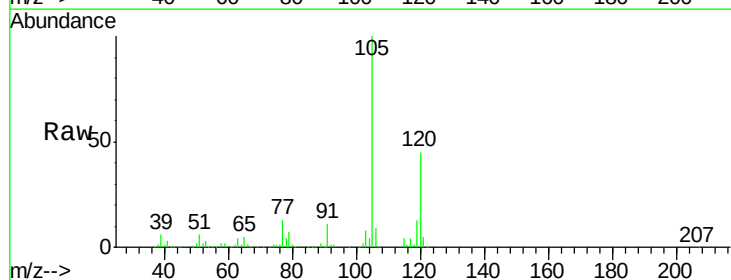
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1

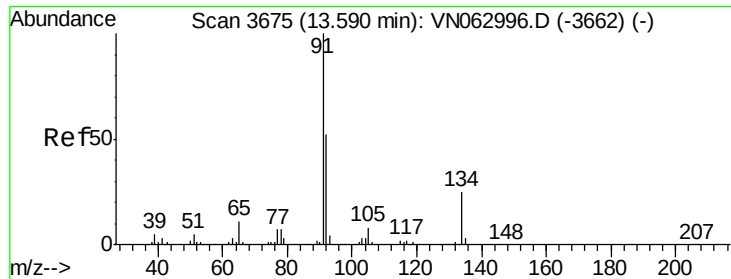
Tot Ion:105 Resp: 43778
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 29.690 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063114.D
 Acq: 25 Aug 2020 14:57

Tgt Ion:105 Resp: 196593
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5

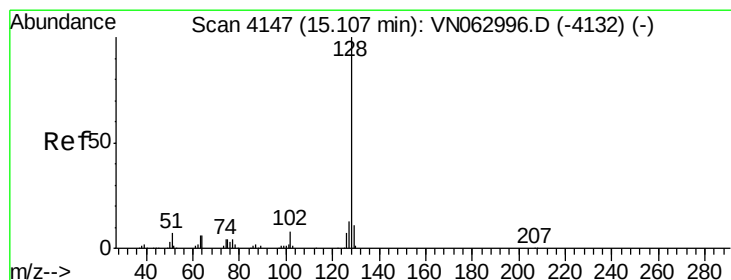
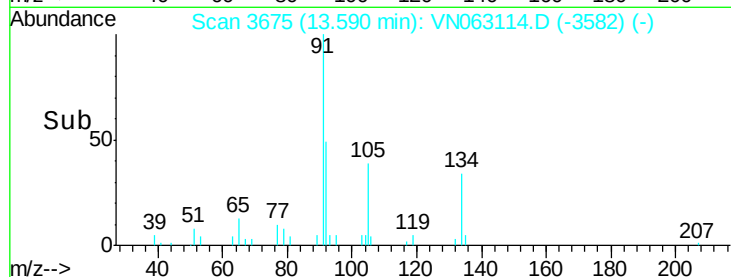
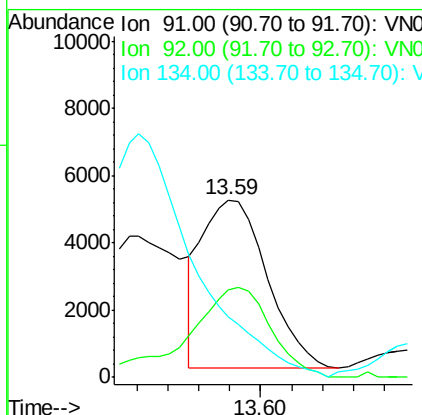
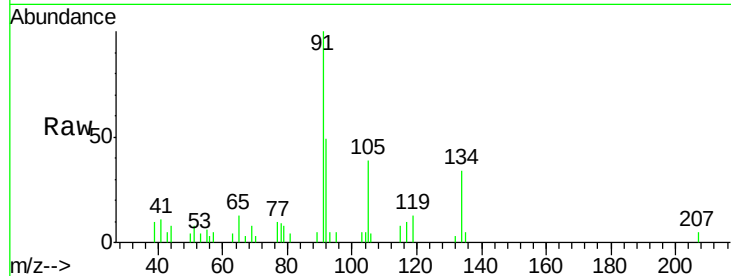




#89
n-Butylbenzene
Concen: 3.824 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Instrument :
MSVOA_N
ClientSampled :
DRUM-1

Tot Ion: 91 Resp: 7305
Ion Ratio Lower Upper
91 100
92 69.0 25.9 77.6
134 0.0 12.4 37.0#



#95
Naphthalene
Concen: 18.891 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063114.D
Acq: 25 Aug 2020 14:57

Tgt Ion: 128 Resp: 71540
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.4 8.9 13.3

