

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063951.D
 Acq On : 7 Oct 2020 18:31
 Operator : JC/MD
 Sample : L4250-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Quant Time: Oct 08 06:00:12 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	7.63	168	270188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	490070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218799	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	216742	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
35) Dibromofluoromethane	7.55	113	155112	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	10.06	98	598846	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.38	95	248234	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	

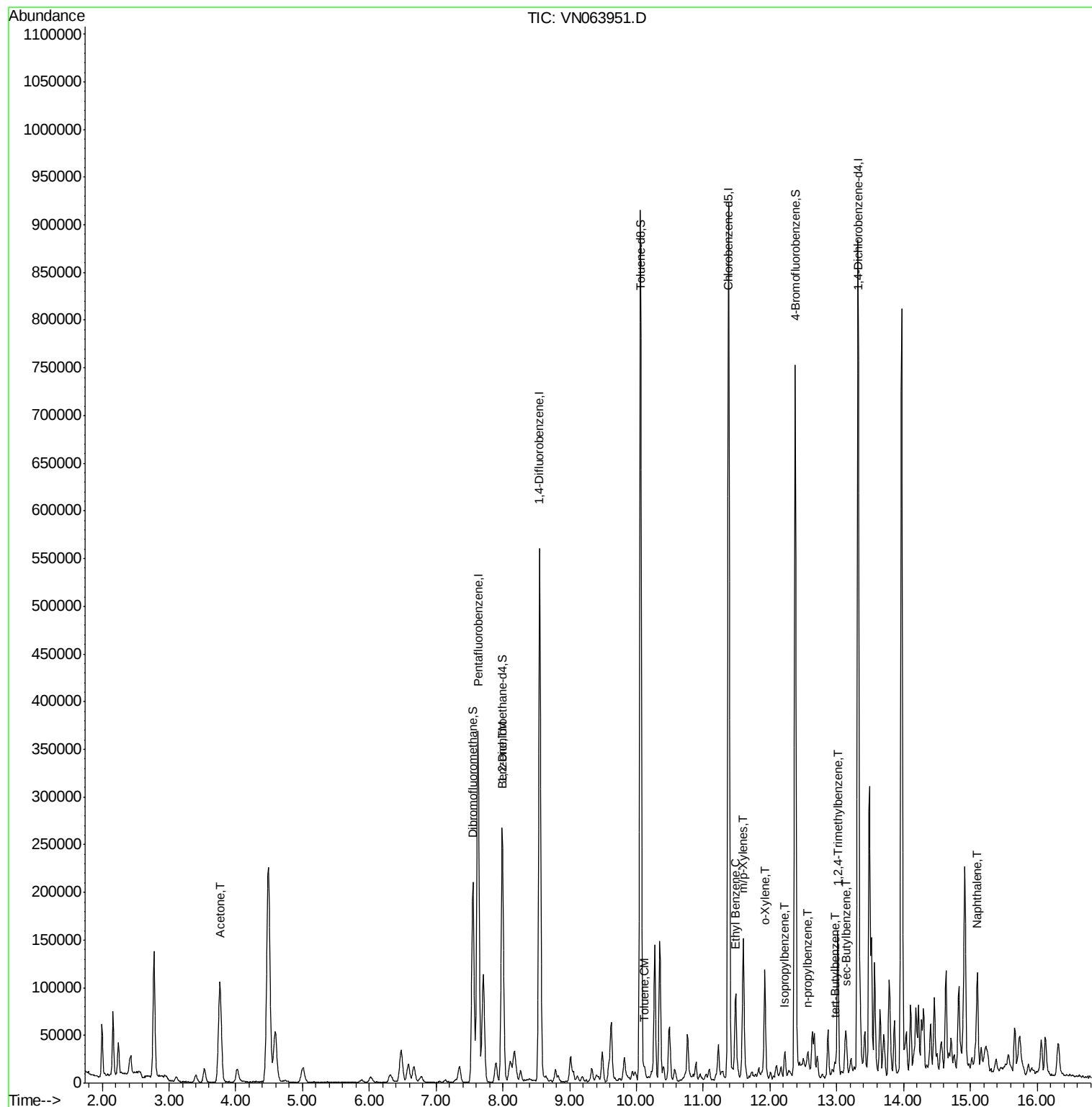
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	67014	48.770	ug/l #	62
40) Benzene	8.00	78	37323	2.739	ug/l	99
52) Toluene	10.13	92	3314	0.393	ug/l	89
67) Ethyl Benzene	11.49	91	58152	3.179	ug/l	98
68) m/p-Xylenes	11.60	106	43541	6.387	ug/l	97
69) o-Xylene	11.92	106	29196	4.582	ug/l	95
73) Isopropylbenzene	12.23	105	13608	0.853	ug/l	97
78) n-propylbenzene	12.57	91	18129	0.976	ug/l	99
83) tert-Butylbenzene	12.97	119	4397	0.401	ug/l	76
84) 1,2,4-Trimethylbenzene	13.02	105	83546	6.250	ug/l	99
85) sec-Butylbenzene	13.15	105	18677	1.298	ug/l #	37
95) Naphthalene	15.11	128	88641	9.144	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063951.D
Acq On : 7 Oct 2020 18:31
Operator : JC/MD
Sample : L4250-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Quant Time: Oct 08 06:00:12 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063951.D

Acq: 7 Oct 2020 18:31

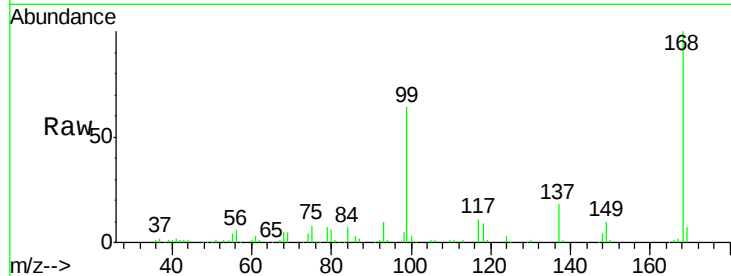
Instrument :
MSVOA_N
ClientSampleId :
MW-10

Tot Ion:168 Resp: 270188

Ion Ratio Lower Upper

168 100

99 63.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

120000

100000

80000

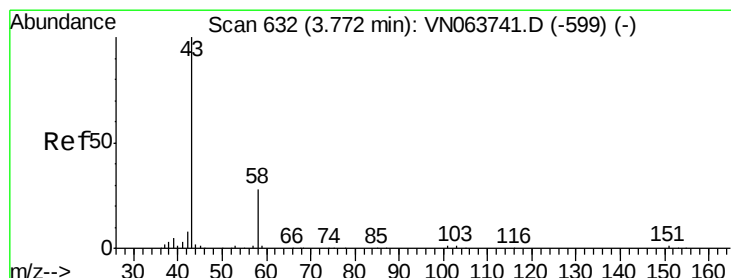
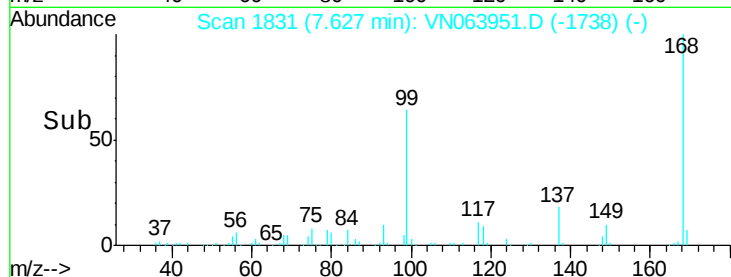
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 48.770 ug/l

RT: 3.77 min Scan# 630

Delta R.T. -0.01 min

Lab File: VN063951.D

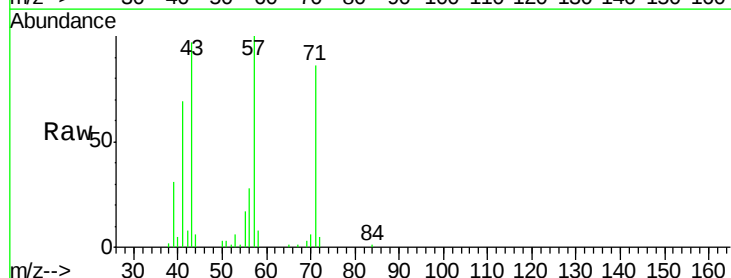
Acq: 7 Oct 2020 18:31

Tgt Ion: 43 Resp: 67014

Ion Ratio Lower Upper

43 100

58 7.7 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.77

20000

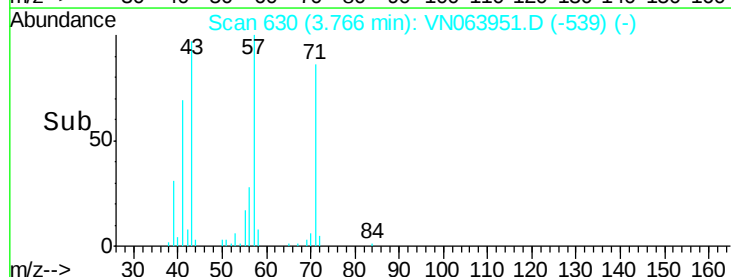
15000

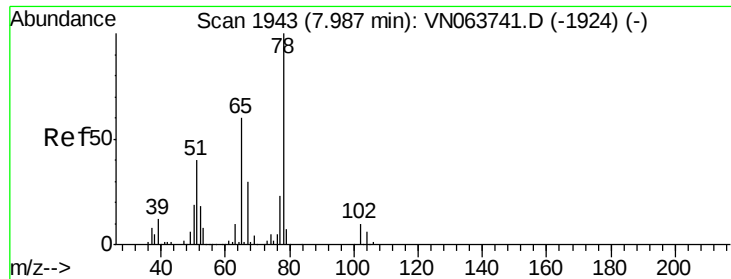
10000

5000

0

Time--> 3.70 3.80 3.90

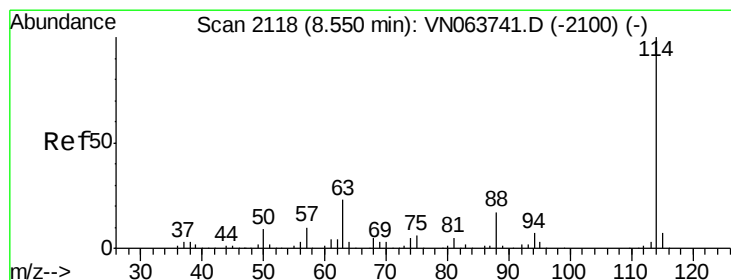
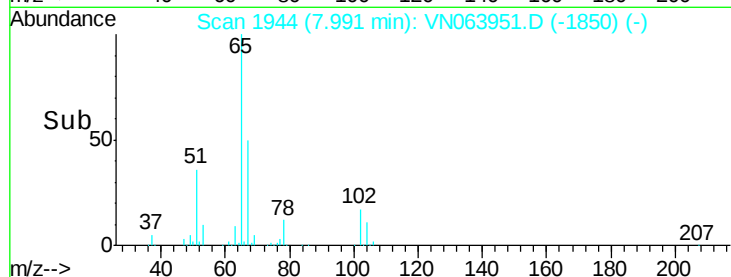
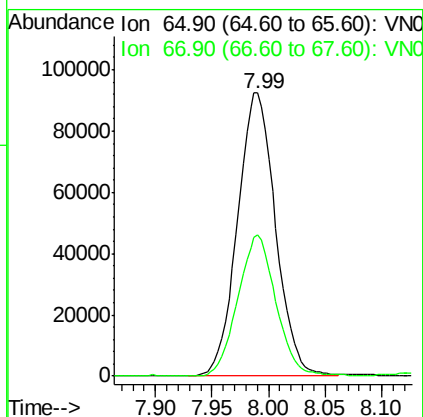
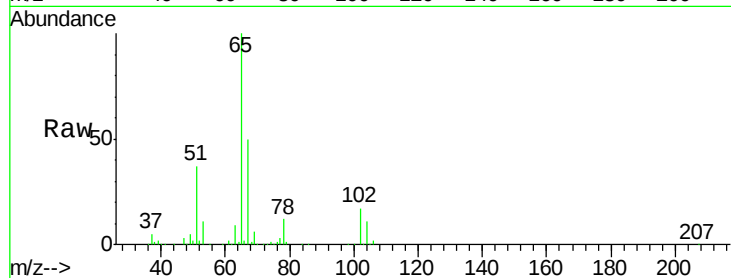




#33
 1,2-Dichloroethane-d4
 Concen: 48.557 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063951.D
 Acq: 7 Oct 2020 18:31

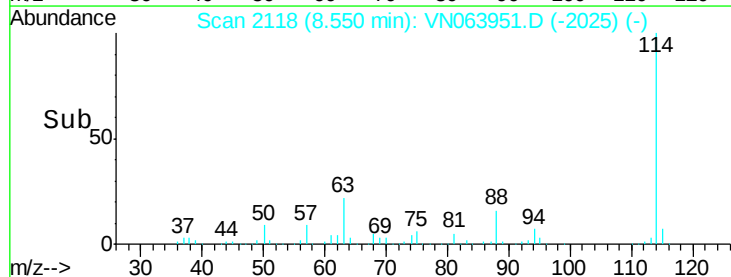
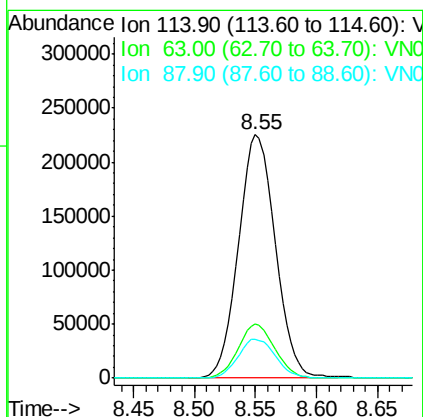
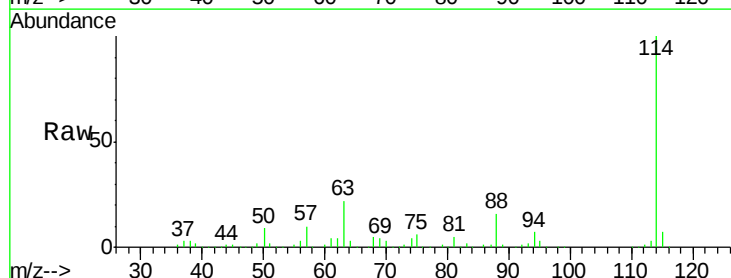
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

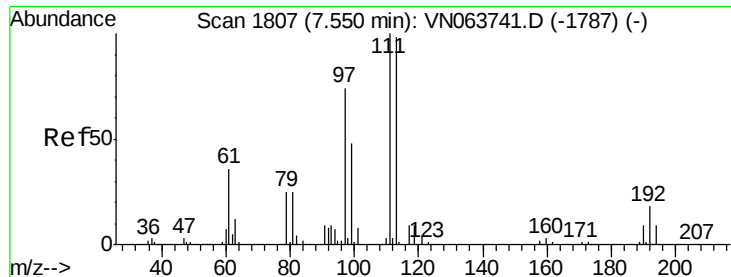
Tot Ion: 65 Resp: 216742
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063951.D
 Acq: 7 Oct 2020 18:31

Tgt Ion: 114 Resp: 470979
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 15.9 0.0 34.0

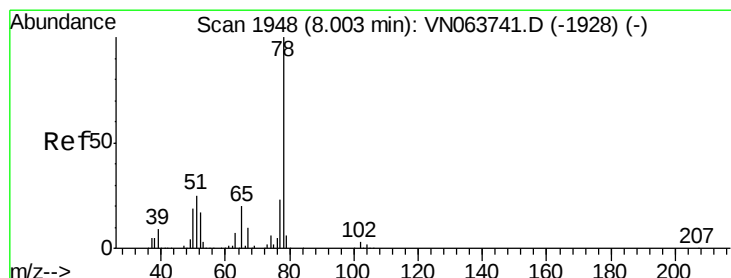
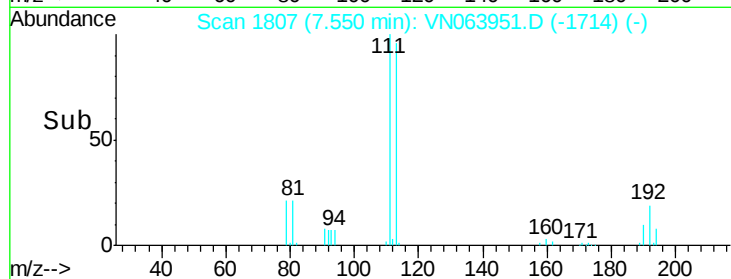
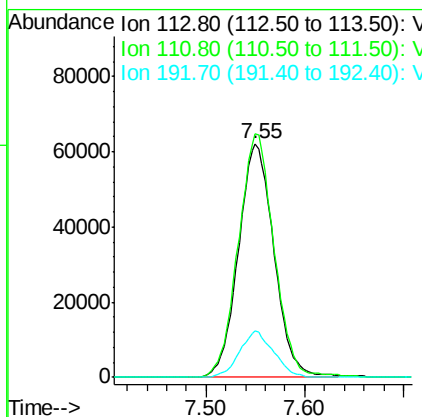
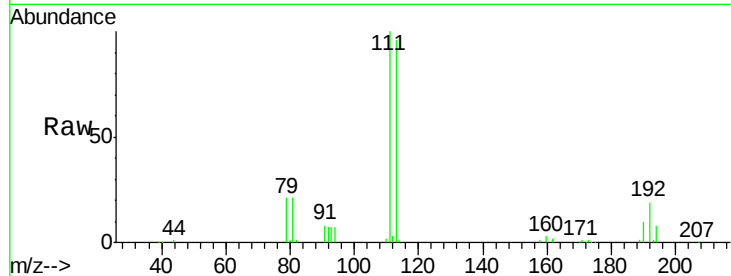




#35
 Dibromofluoromethane
 Concen: 47.464 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063951.D
 Acq: 7 Oct 2020 18:31

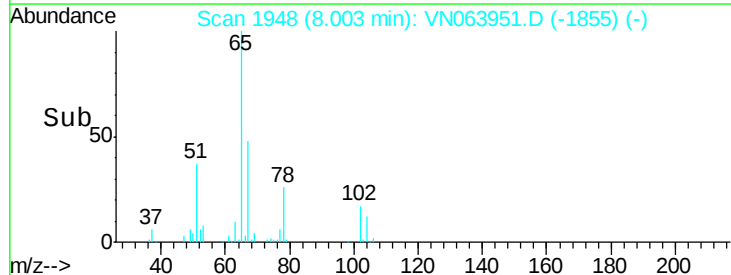
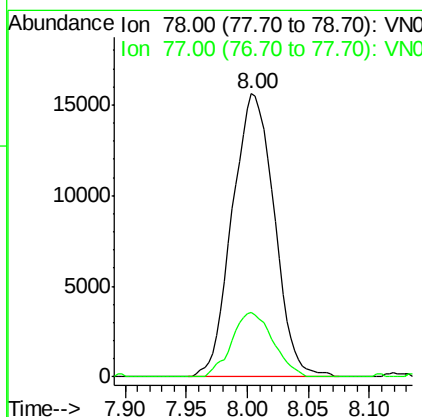
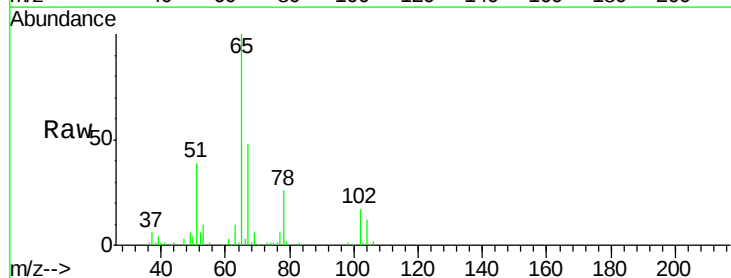
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

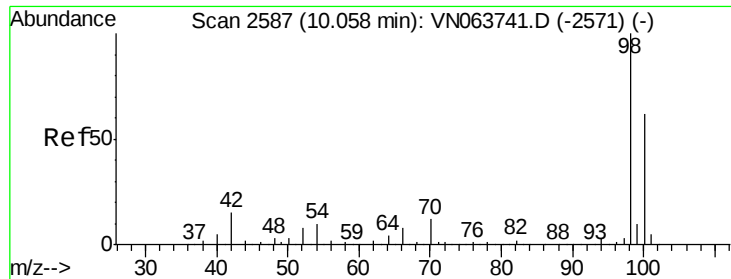
Tot Ion:113 Resp: 155112
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.8
 192 19.0 14.2 21.2



#40
 Benzene
 Concen: 2.739 ug/l
 RT: 8.00 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VN063951.D
 Acq: 7 Oct 2020 18:31

Tgt Ion: 78 Resp: 37323
 Ion Ratio Lower Upper
 78 100
 77 23.0 18.7 28.1

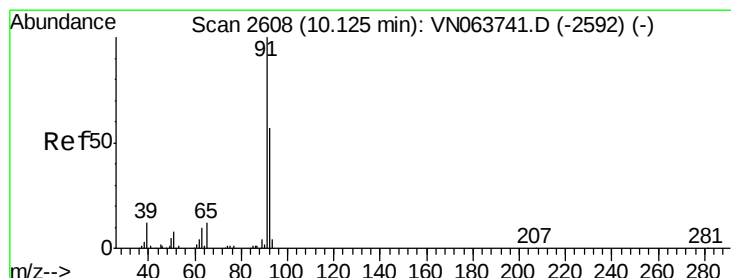
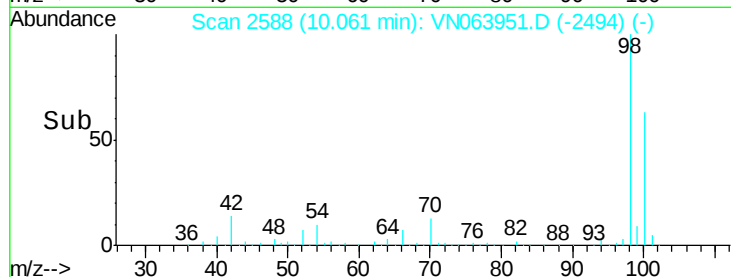
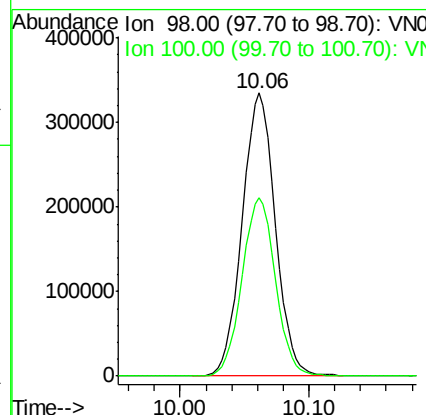
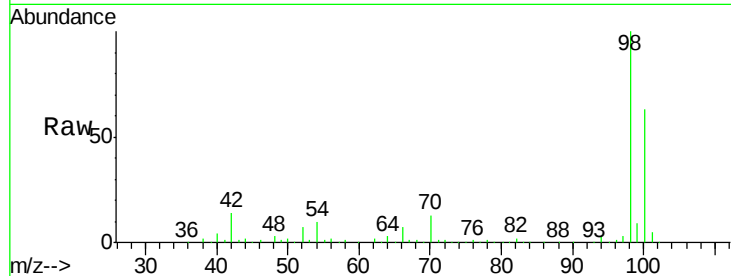




#50
Toluene-d8
Concen: 48.338 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

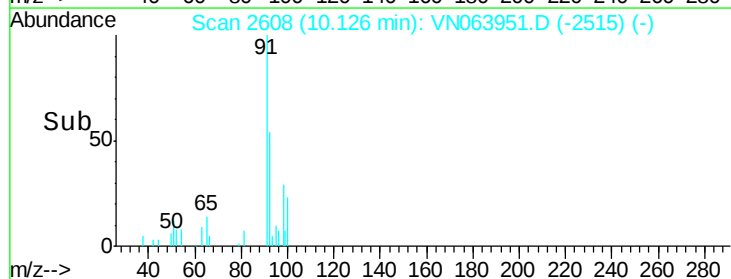
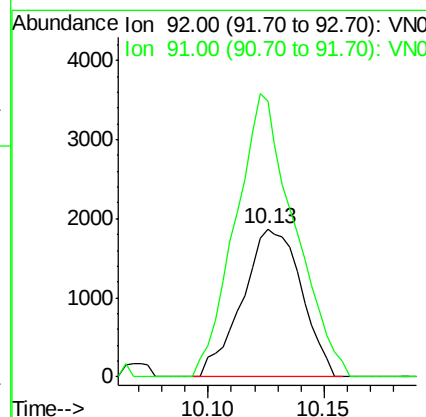
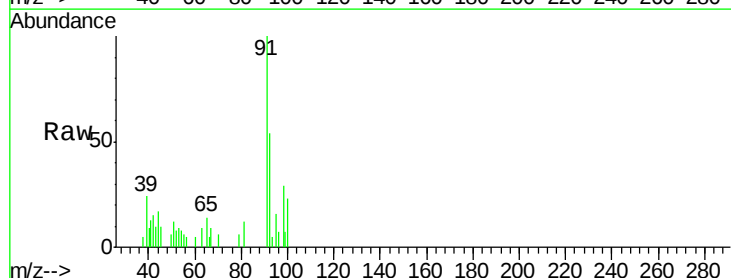
Instrument :
MSVOA_N
ClientSampled :
MW-10

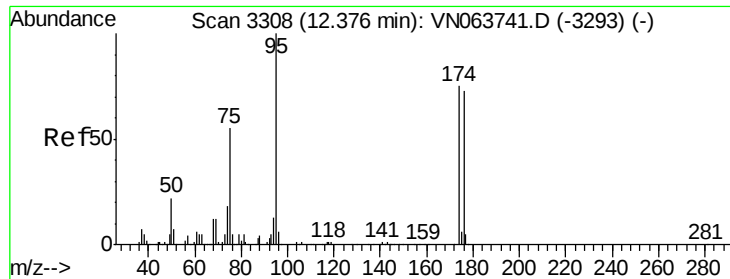
Tot Ion: 98 Resp: 598846
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.6



#52
Toluene
Concen: 0.393 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

Tgt Ion: 92 Resp: 3314
Ion Ratio Lower Upper
92 100
91 191.2 140.6 210.8

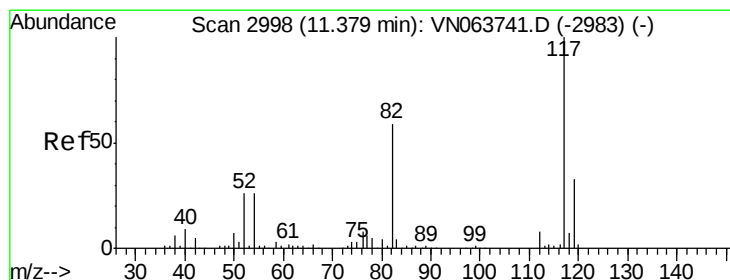
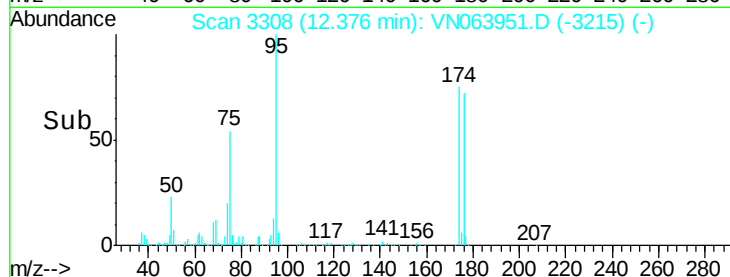
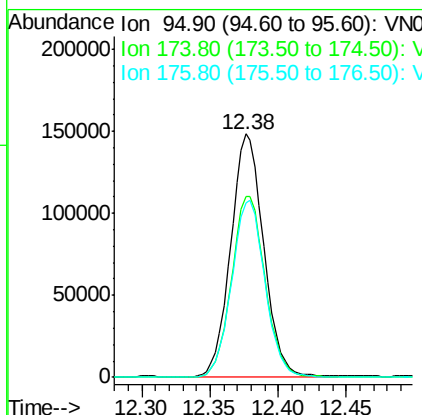
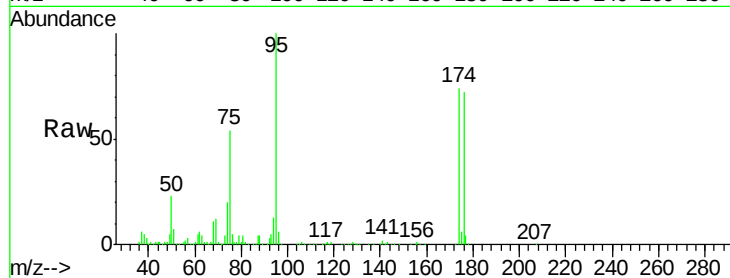




#62
4-Bromofluorobenzene
Concen: 53.303 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

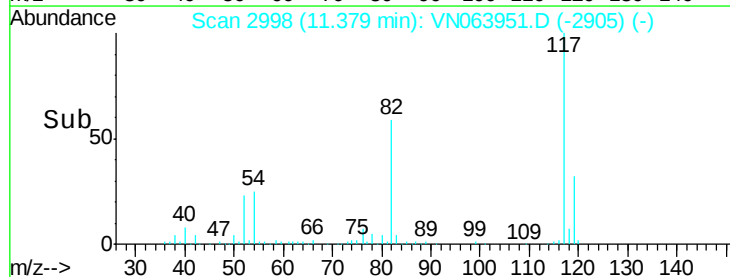
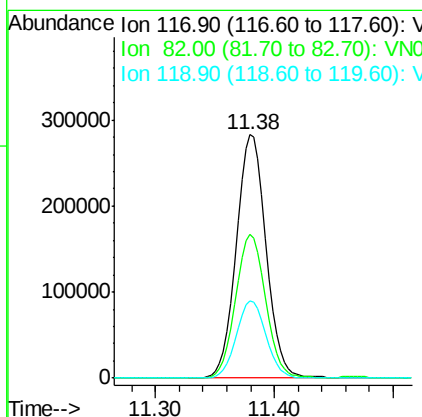
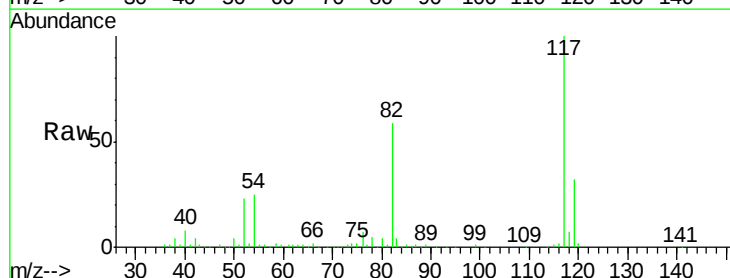
Instrument :
MSVOA_N
ClientSampled :
MW-10

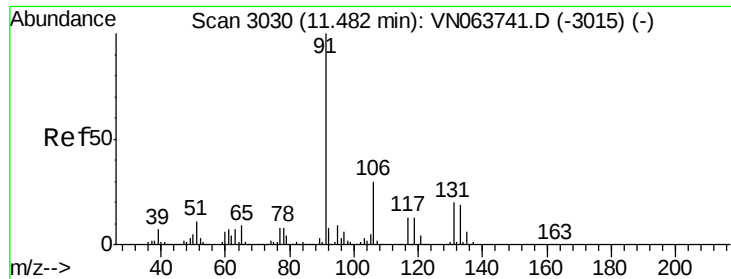
Tot Ion	95	Resp	248234
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	150.6
176	74.0	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

Tgt Ion	117	Resp	490070
Ion Ratio	Lower	Upper	
117	100		
82	59.1	47.4	71.2
119	31.9	26.4	39.6

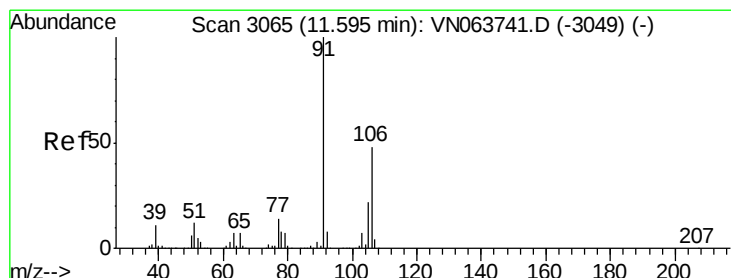
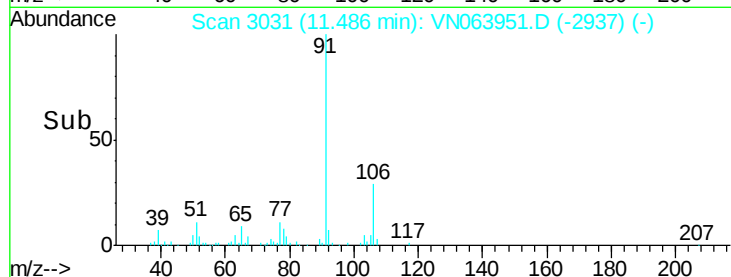
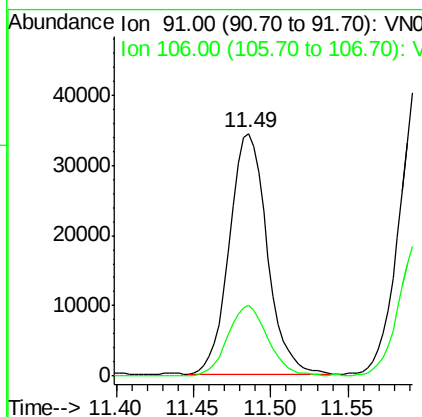
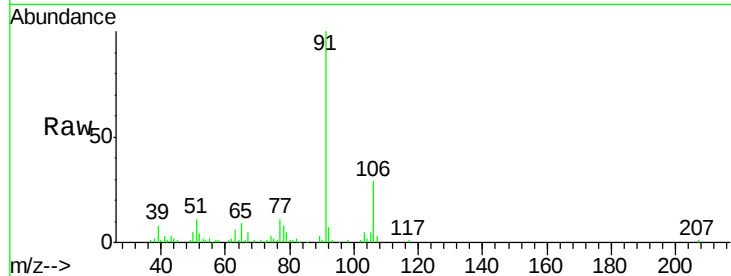




#67
Ethyl Benzene
Concen: 3.179 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

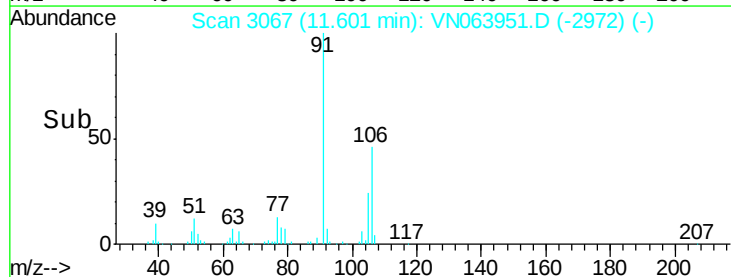
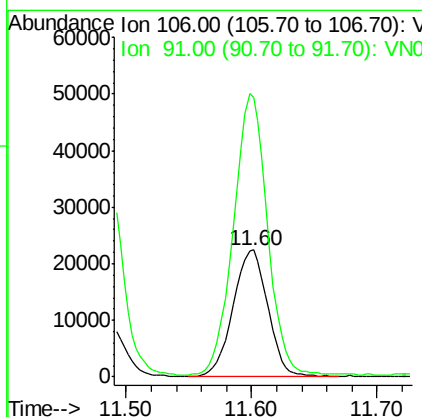
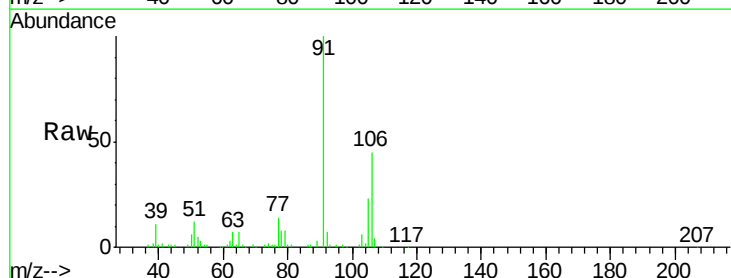
Instrument :
MSVOA_N
ClientSampled :
MW-10

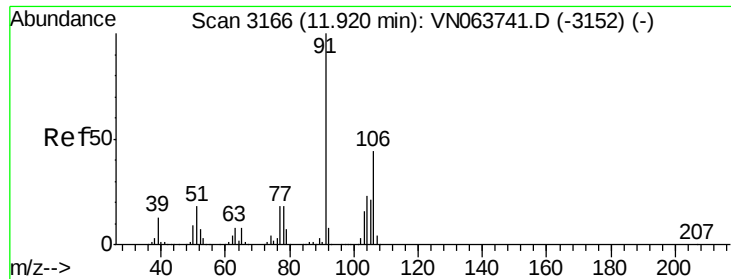
Tot Ion: 91 Resp: 58152
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2



#68
m/p-Xylenes
Concen: 6.387 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

Tgt Ion: 106 Resp: 43541
Ion Ratio Lower Upper
106 100
91 215.3 168.0 252.0

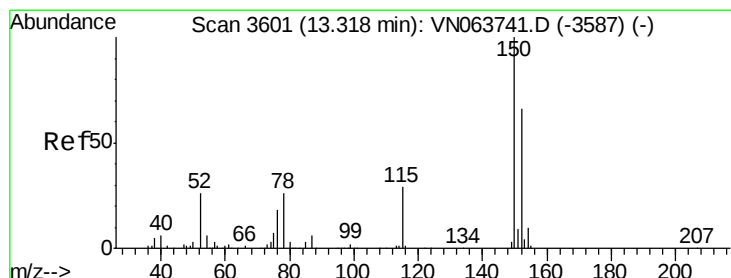
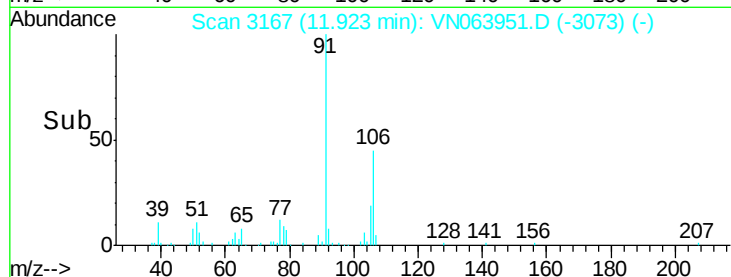
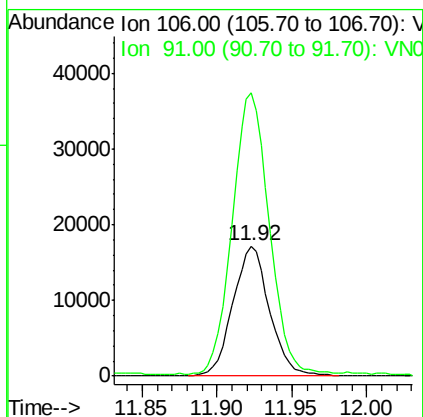
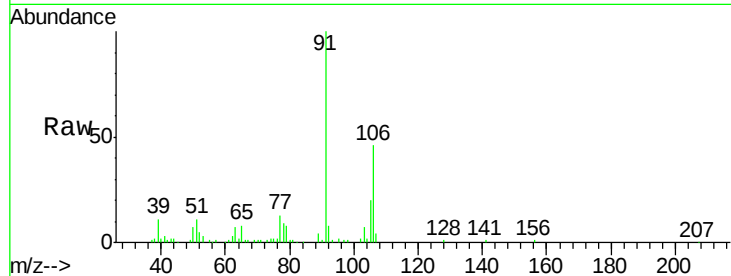




#69
o-Xylene
Concen: 4.582 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

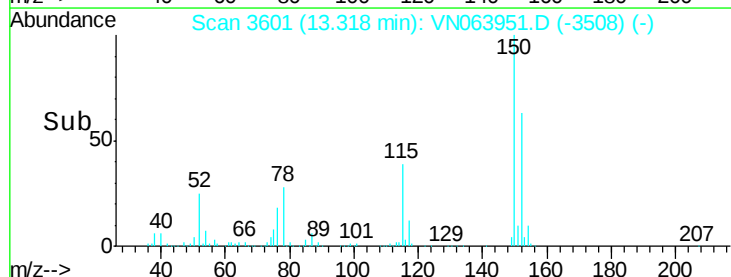
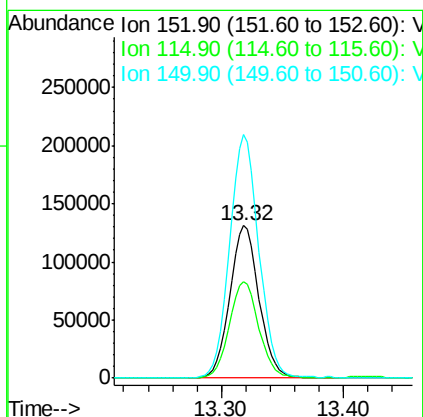
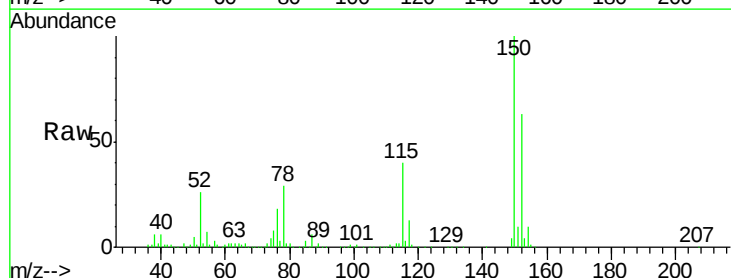
Instrument :
MSVOA_N
ClientSampled :
MW-10

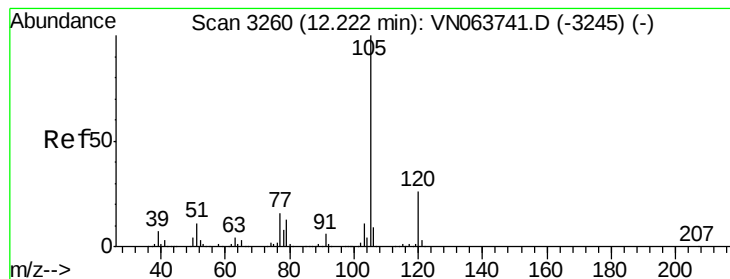
Tot Ion:106 Resp: 29196
Ion Ratio Lower Upper
106 100
91 217.5 112.7 338.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

Tgt Ion:152 Resp: 218799
Ion Ratio Lower Upper
152 100
115 64.1 31.3 93.8
150 159.5 0.0 341.8





#73

Isopropylbenzene

Concen: 0.853 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063951.D

Acq: 7 Oct 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

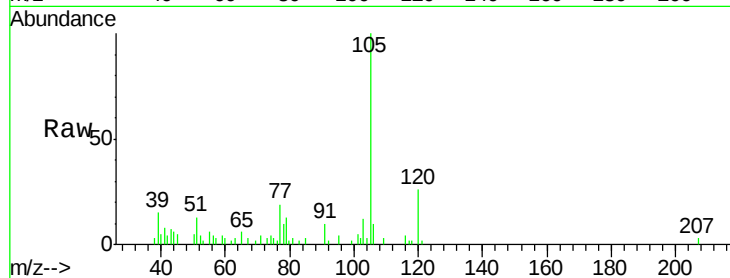
MW-10

Tot Ion:105 Resp: 13608

Ion Ratio Lower Upper

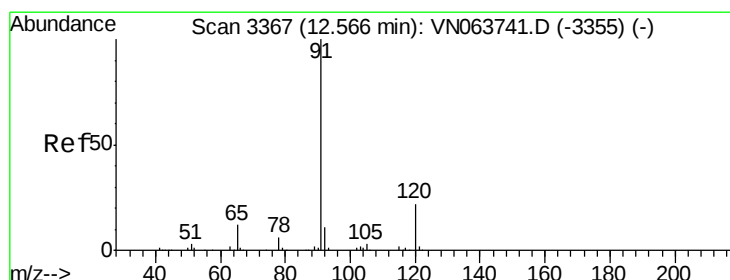
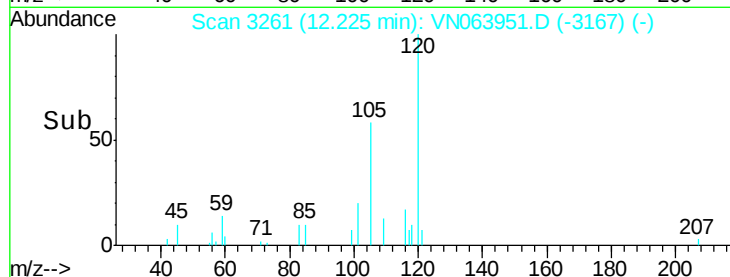
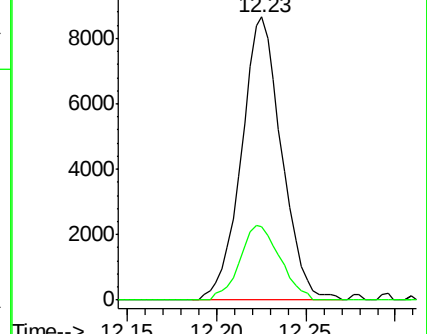
105 100

120 26.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.976 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063951.D

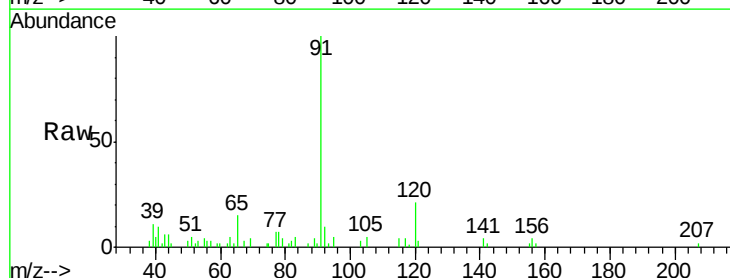
Acq: 7 Oct 2020 18:31

Tgt Ion: 91 Resp: 18129

Ion Ratio Lower Upper

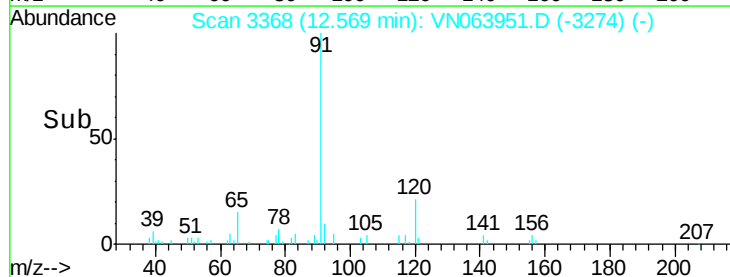
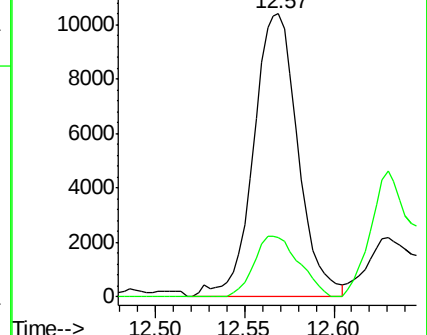
91 100

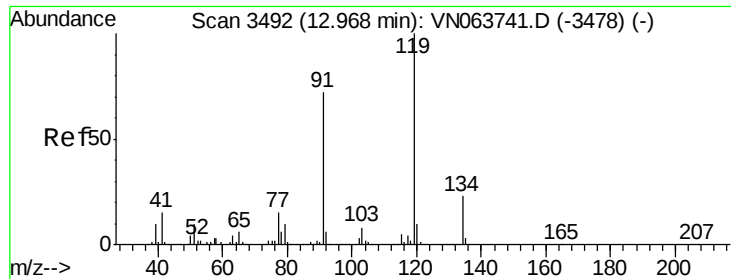
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

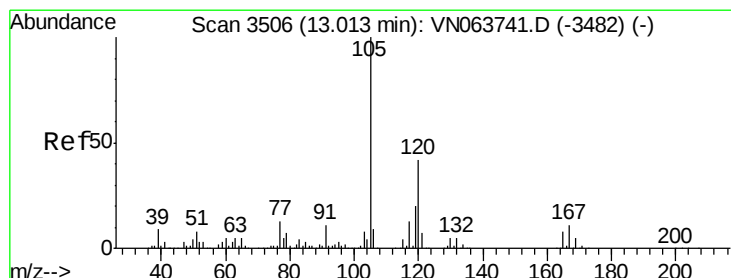
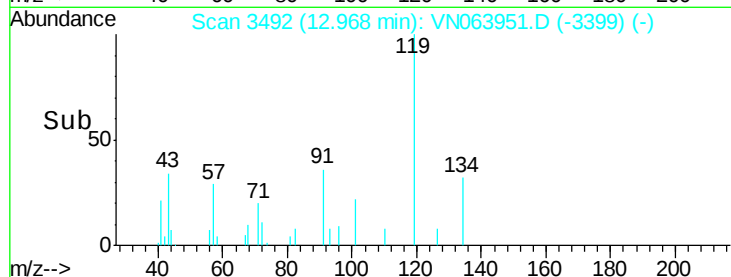
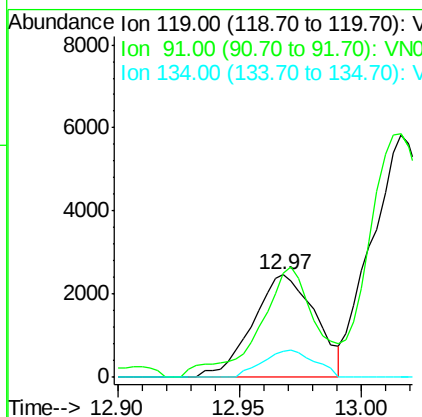
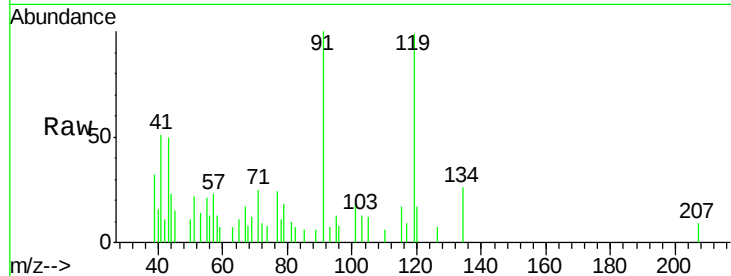




#83
tert-Butylbenzene
Concen: 0.401 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

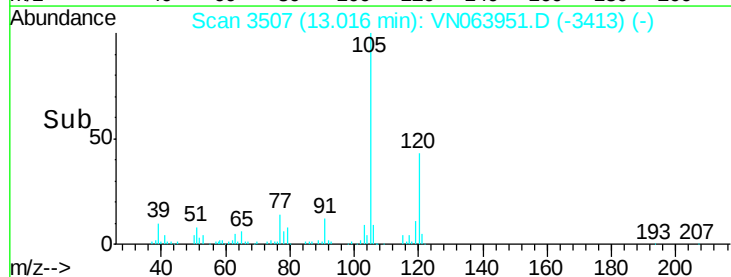
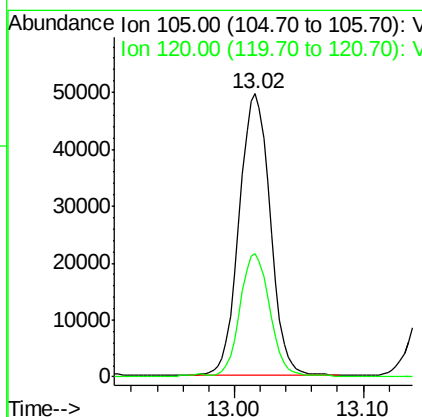
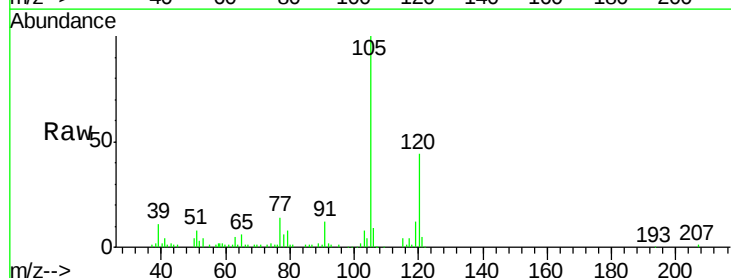
Instrument :
MSVOA_N
ClientSampled :
MW-10

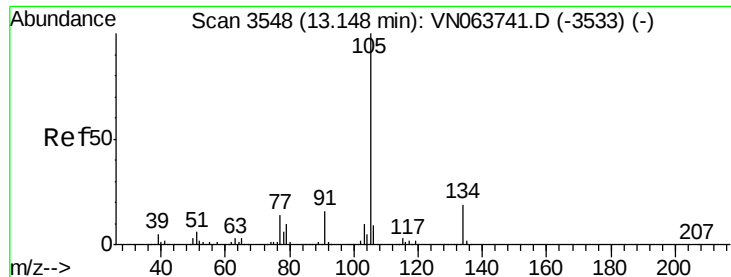
Tot Ion:119 Resp: 4397
Ion Ratio Lower Upper
119 100
91 96.3 35.5 106.5
134 21.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 6.250 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063951.D
Acq: 7 Oct 2020 18:31

Tgt Ion:105 Resp: 83546
Ion Ratio Lower Upper
105 100
120 41.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 1.298 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063951.D

Acq: 7 Oct 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

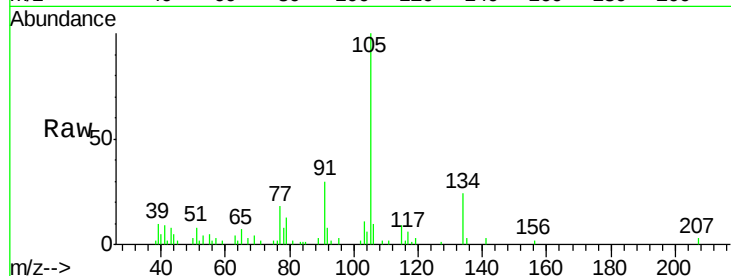
MW-10

Tot Ion:105 Resp: 18677

Ion Ratio Lower Upper

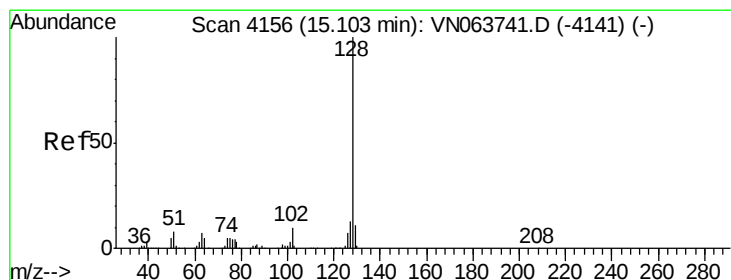
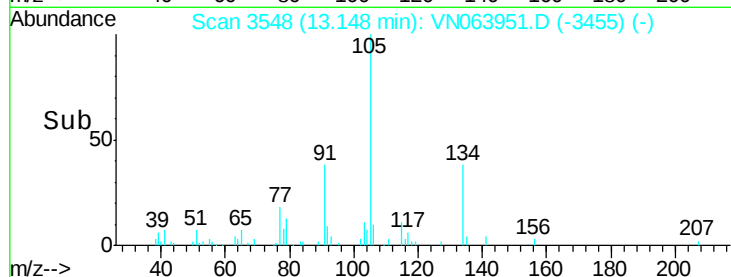
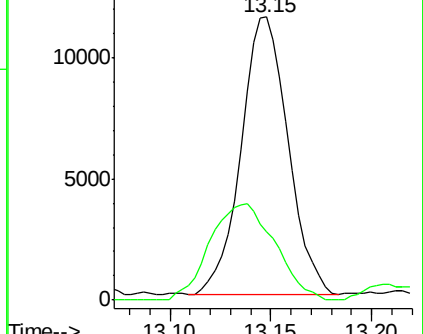
105 100

134 47.5 9.5 28.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 9.144 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063951.D

Acq: 7 Oct 2020 18:31

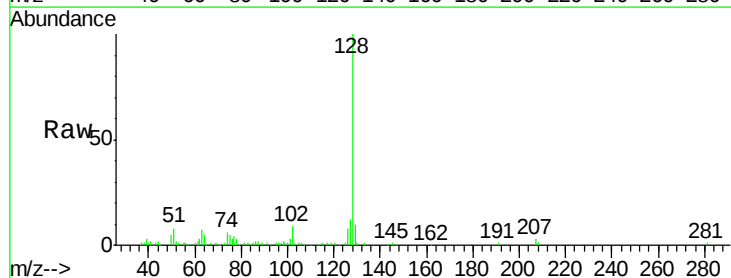
Tgt Ion:128 Resp: 88641

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 9.4 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

