

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063009.D
 Acq On : 19 Aug 2020 13:26
 Operator : JC/MD
 Sample : L3718-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

Quant Time: Aug 19 17:07:37 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	148901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96331	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	98353	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
35) Dibromofluoromethane	7.55	113	85280	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.06	98	320826	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.38	95	108865	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

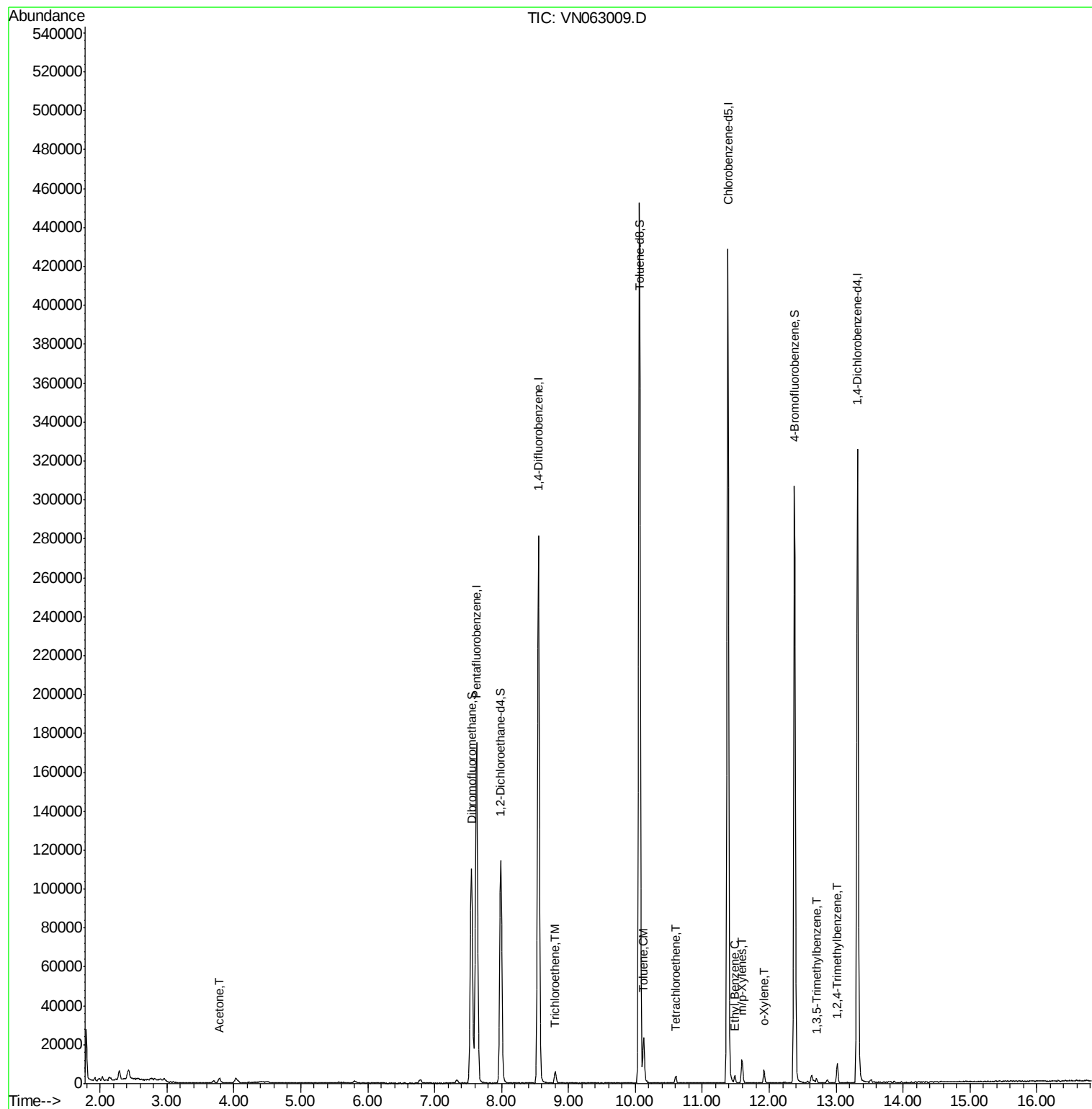
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	4733	4.752	ug/l	90
44) Trichloroethene	8.80	130	2552	1.471	ug/l	95
52) Toluene	10.12	92	9859	2.343	ug/l	98
64) Tetrachloroethene	10.60	164	1100	0.653	ug/l #	82
67) Ethyl Benzene	11.49	91	3072	0.353	ug/l	96
68) m/p-Xylenes	11.59	106	4267	1.319	ug/l	92
69) o-Xylene	11.92	106	2155	0.694	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	1555	0.285	ug/l	89
84) 1,2,4-Trimethylbenzene	13.01	105	5800	1.092	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063009.D

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Instrument :

MSVOA_N

ClientSampleId :

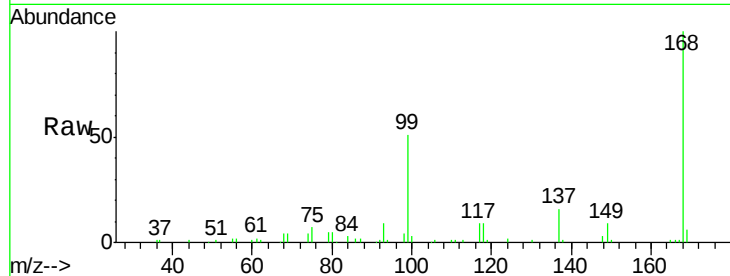
BP-VPB181-GW-198-200

Tot Ion:168 Resp: 148901

Ion Ratio Lower Upper

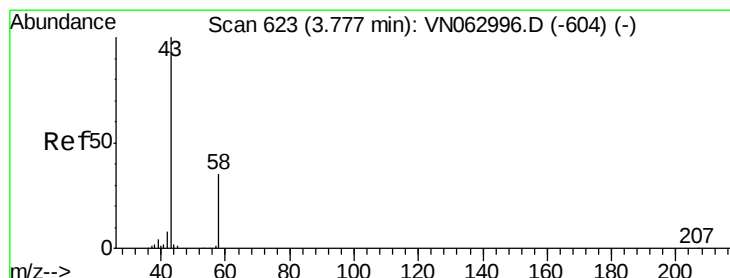
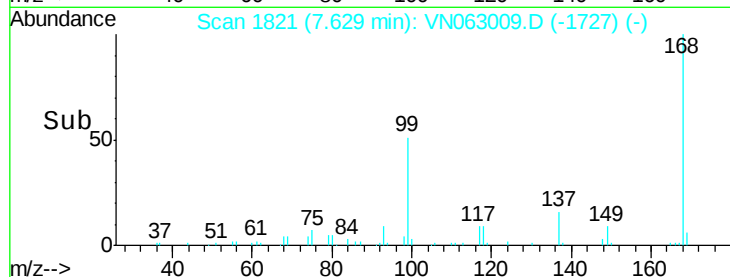
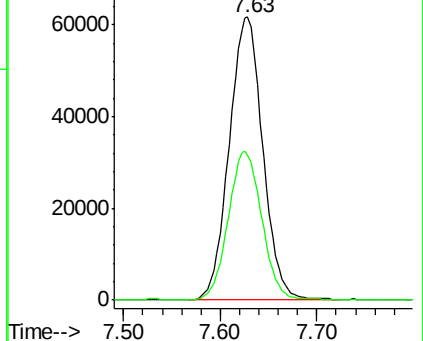
168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.752 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063009.D

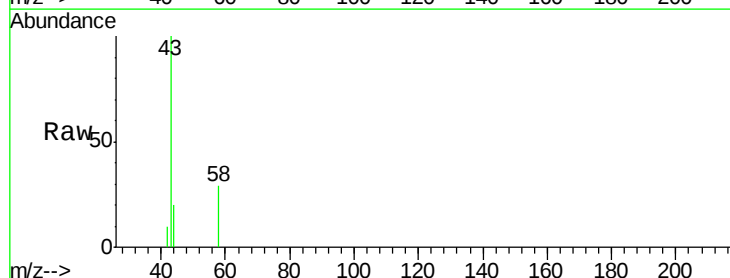
Acq: 19 Aug 2020 13:26

Tgt Ion: 43 Resp: 4733

Ion Ratio Lower Upper

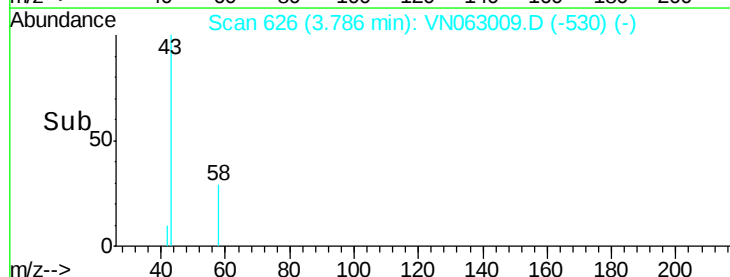
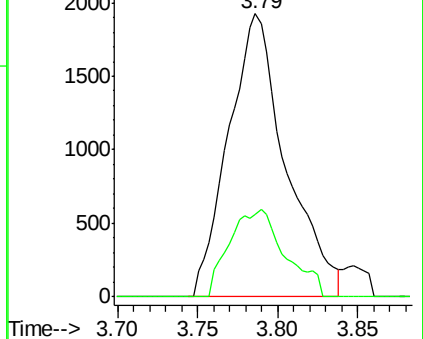
43 100

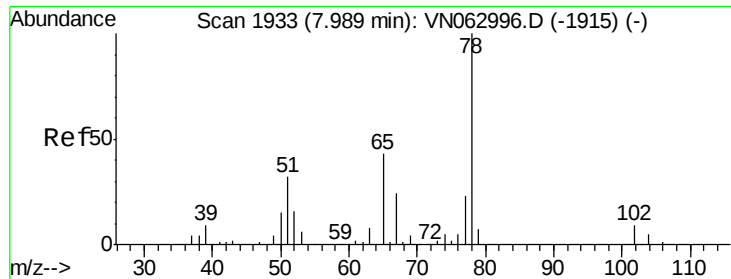
58 28.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

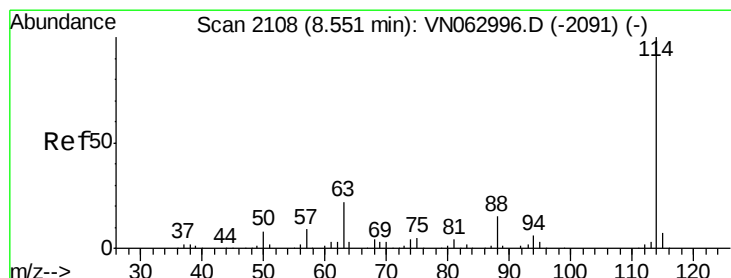
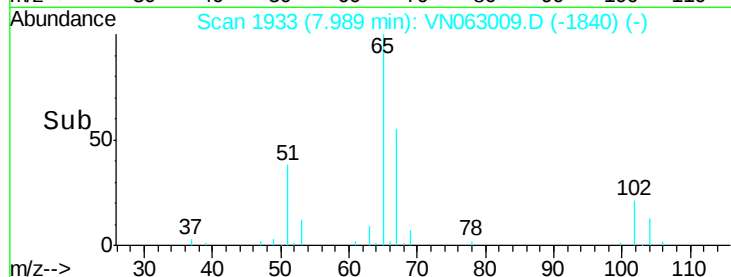
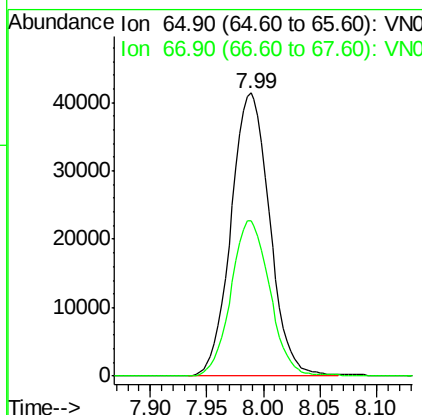
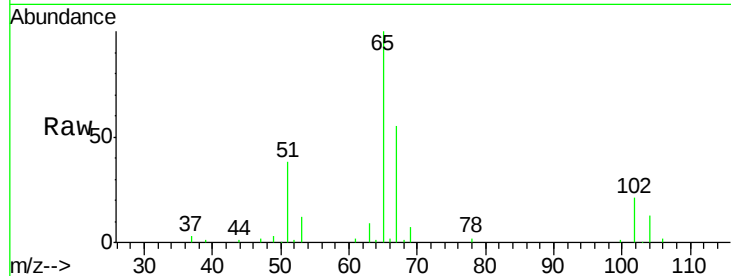




#33
 1,2-Dichloroethane-d4
 Concen: 55.732 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

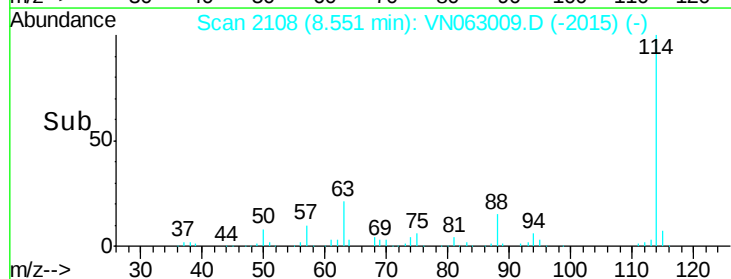
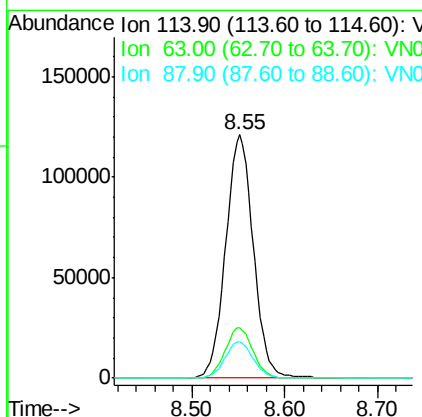
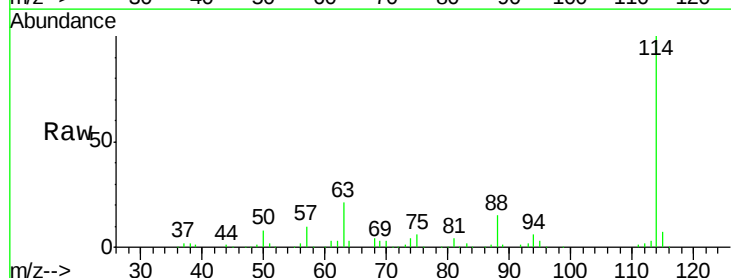
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

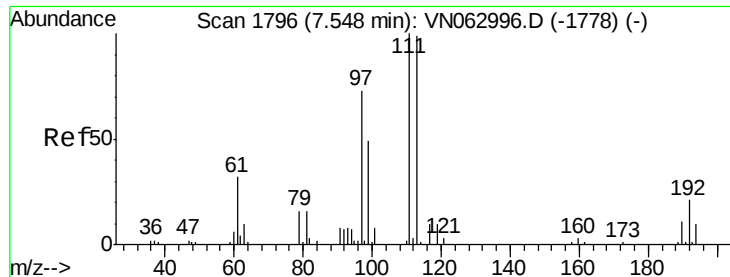
Tot Ion: 65 Resp: 98353
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Tgt Ion: 114 Resp: 249608
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.0 0.0 30.6

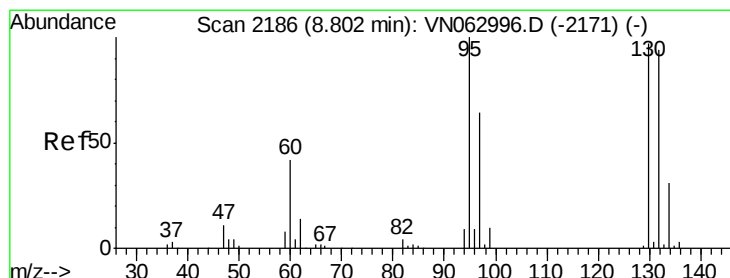
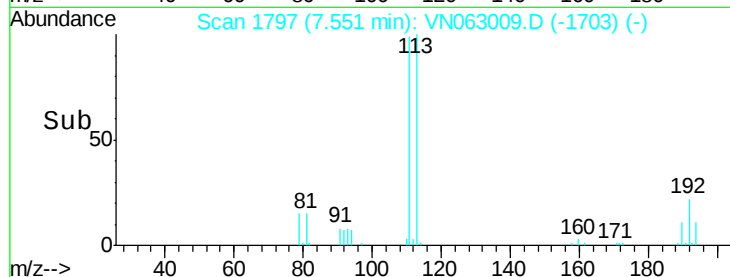
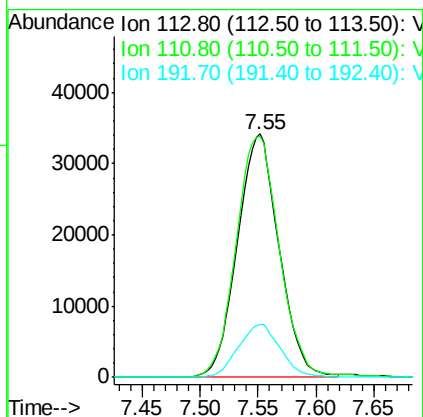
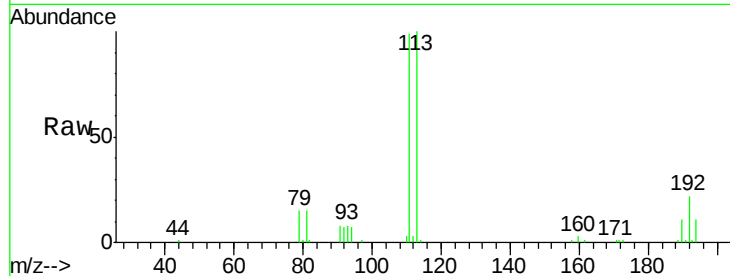




#35
Dibromofluoromethane
Concen: 52.434 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

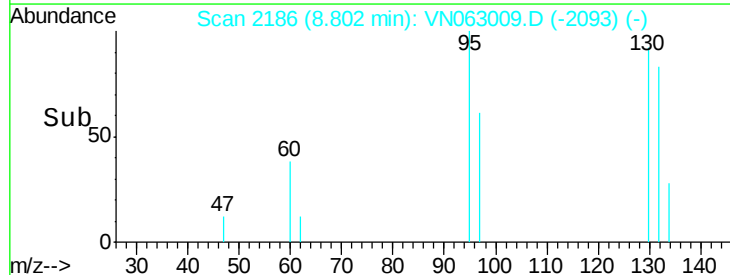
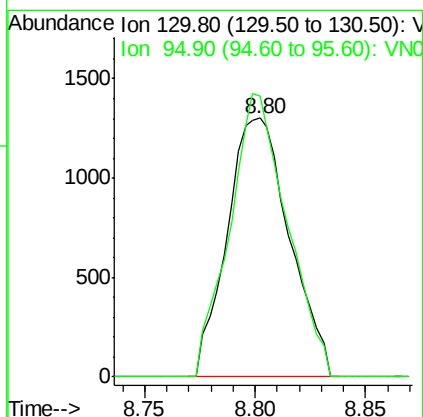
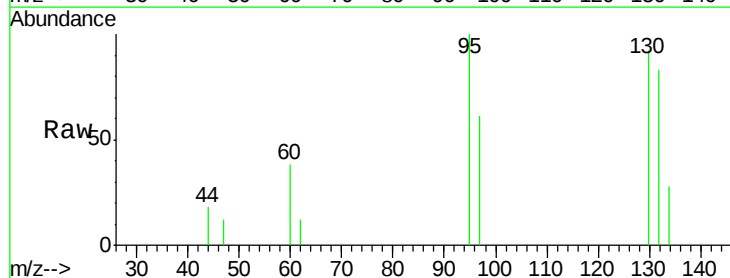
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

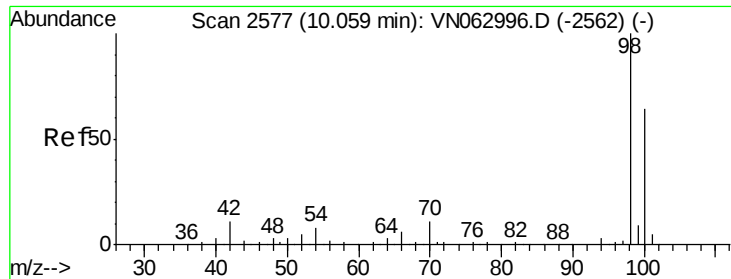
Tot Ion:113 Resp: 85280
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 21.8 17.5 26.3



#44
Trichloroethene
Concen: 1.471 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion:130 Resp: 2552
Ion Ratio Lower Upper
130 100
95 108.2 0.0 205.6

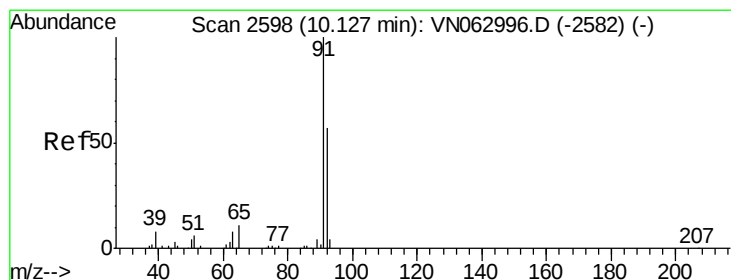
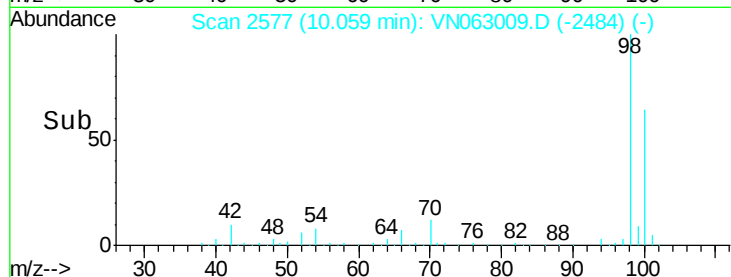
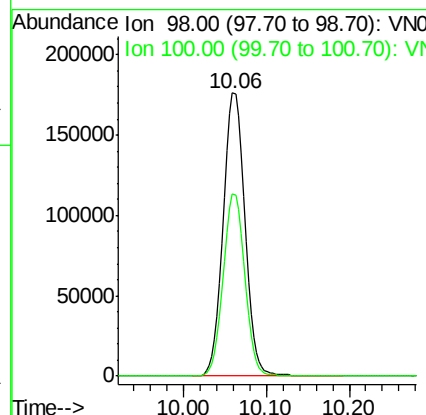
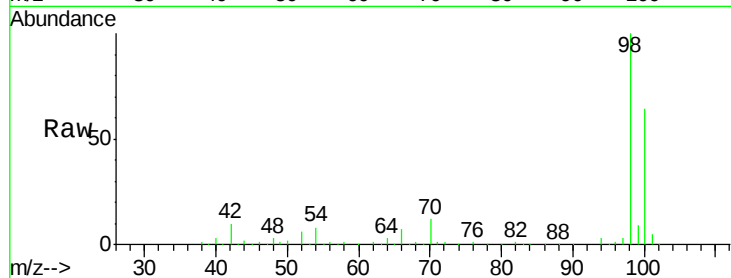




#50
Toluene-d8
Concen: 51.355 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

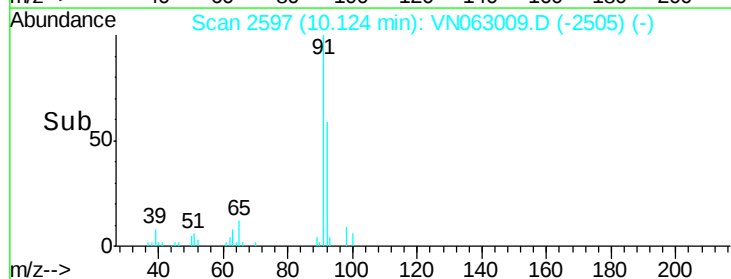
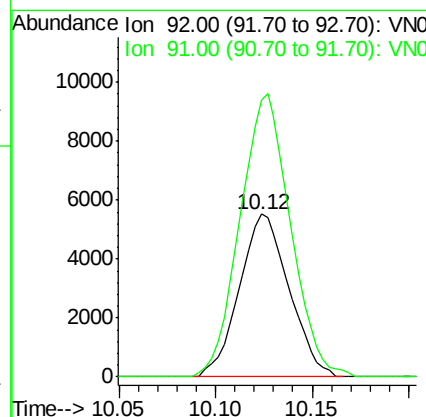
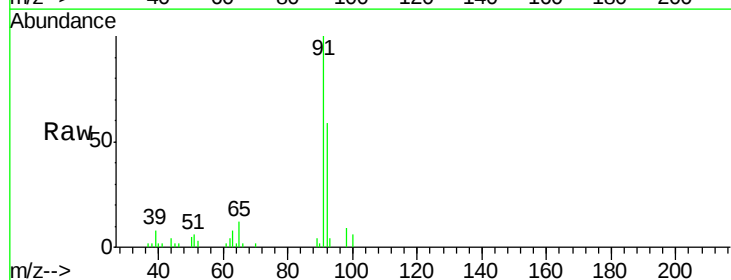
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

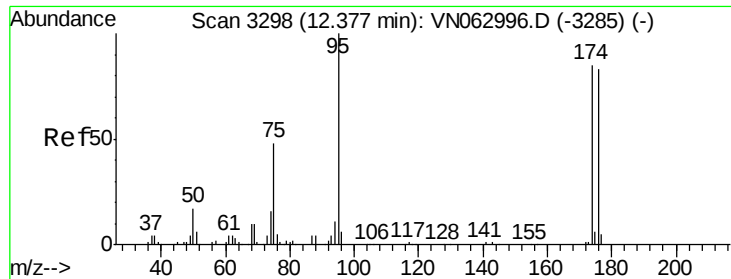
Tot Ion: 98 Resp: 320826
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#52
Toluene
Concen: 2.343 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion: 92 Resp: 9859
Ion Ratio Lower Upper
92 100
91 176.5 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 49.382 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

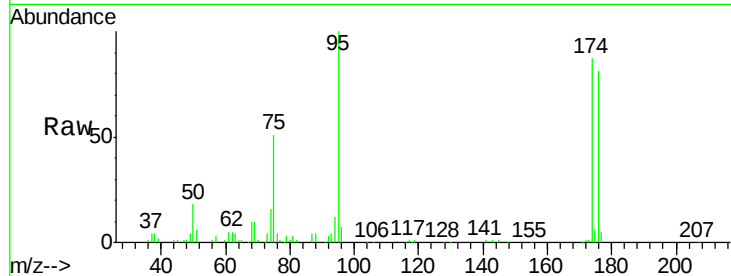
Tot Ion: 95 Resp: 108865

Ion Ratio Lower Upper

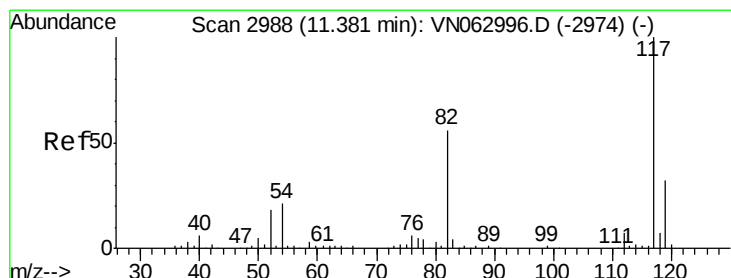
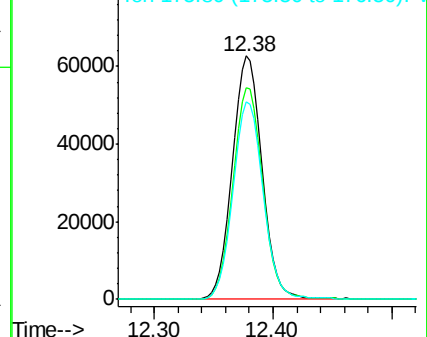
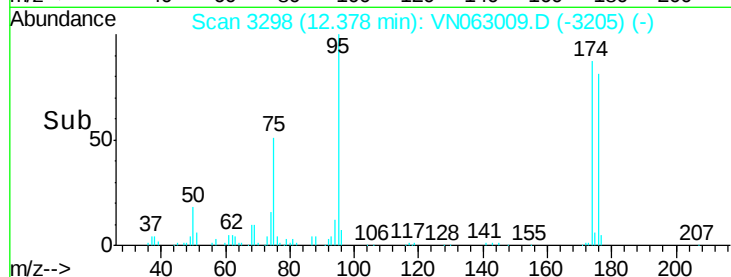
95 100

174 87.3 0.0 170.8

176 82.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063009.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

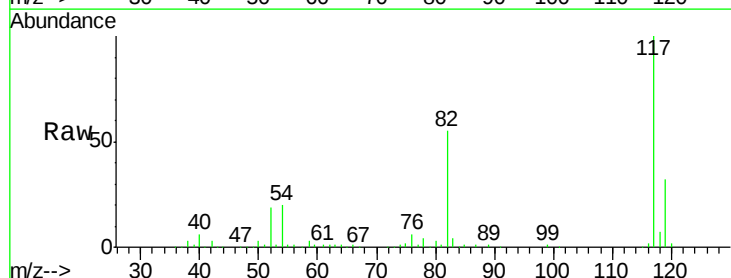
Tgt Ion: 117 Resp: 256409

Ion Ratio Lower Upper

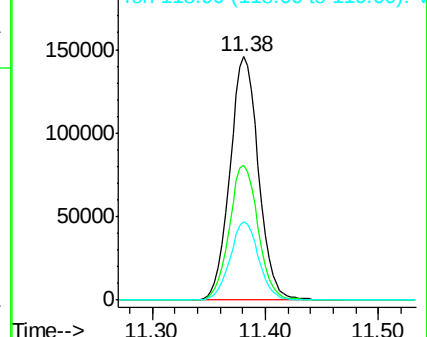
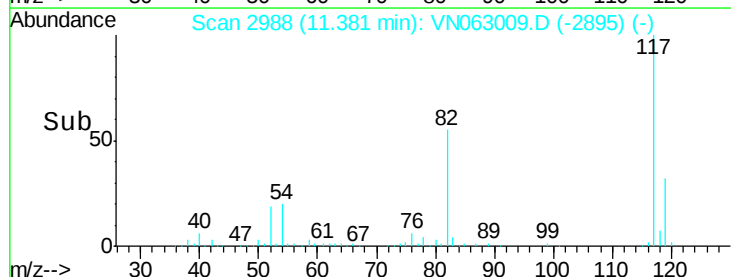
117 100

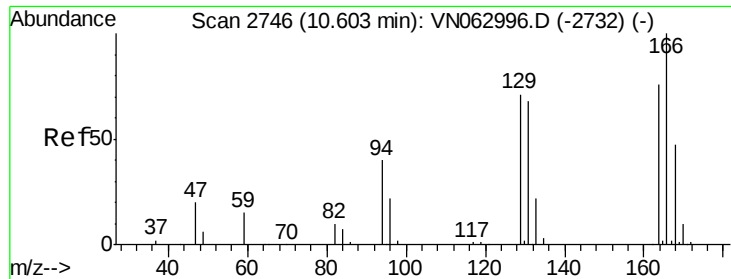
82 55.3 44.5 66.7

119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN063009.D (-2895) (-)

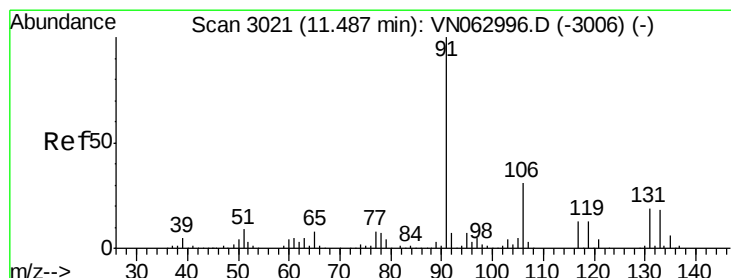
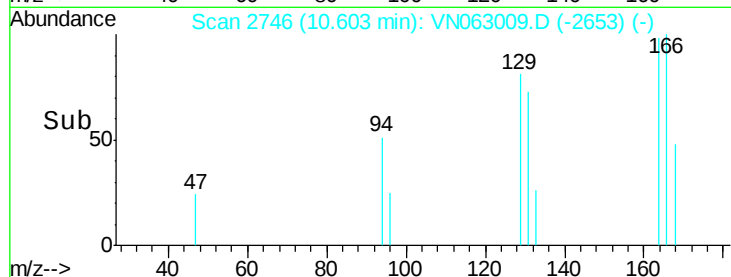
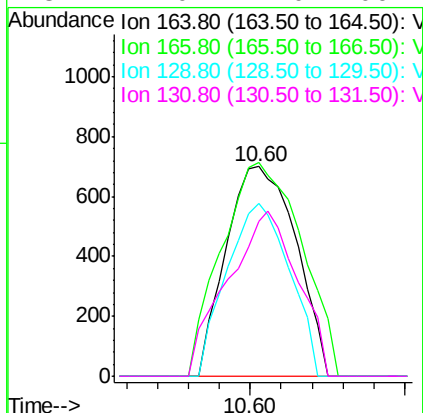
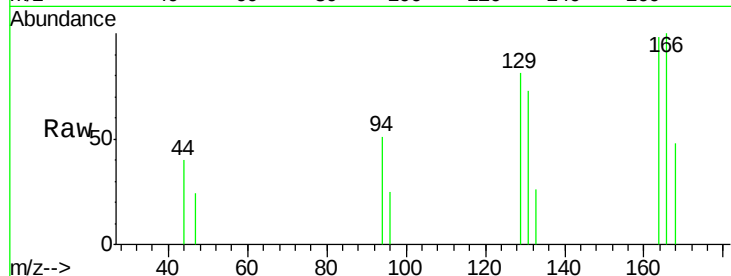




#64
Tetrachloroethene
Concen: 0.653 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

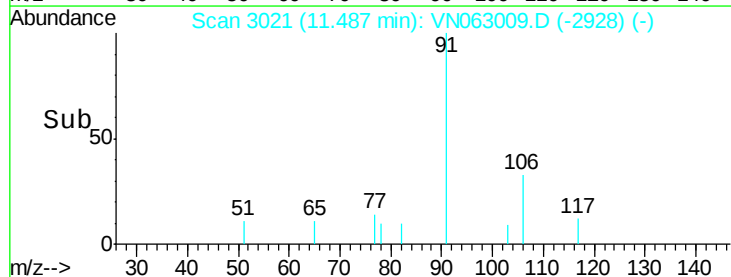
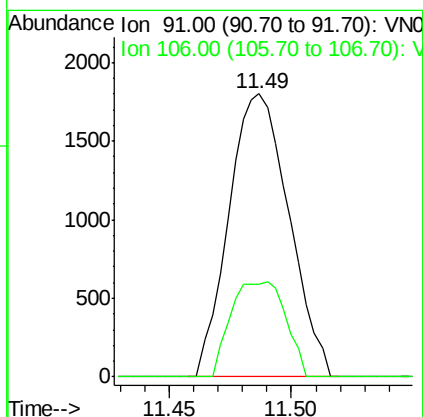
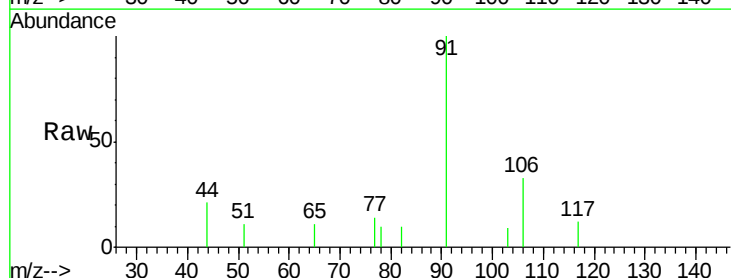
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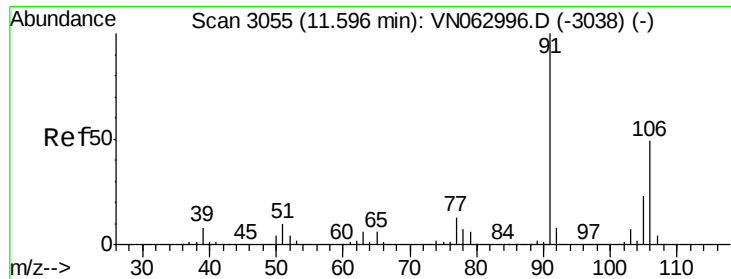
Tot Ion:164 Resp: 1100
Ion Ratio Lower Upper
164 100
166 102.0 105.0 157.6#
129 82.5 74.7 112.1
131 74.0 71.0 106.4



#67
Ethyl Benzene
Concen: 0.353 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion: 91 Resp: 3072
Ion Ratio Lower Upper
91 100
106 32.8 24.6 37.0

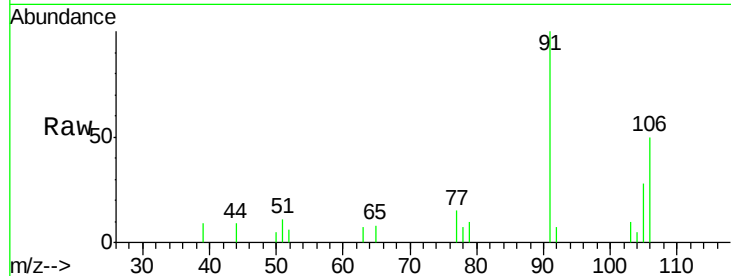




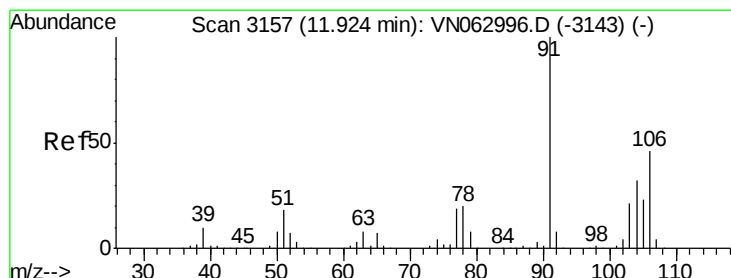
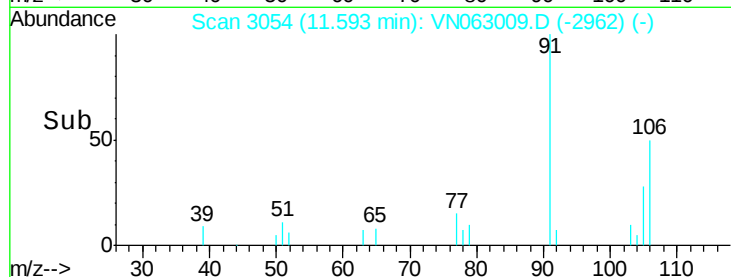
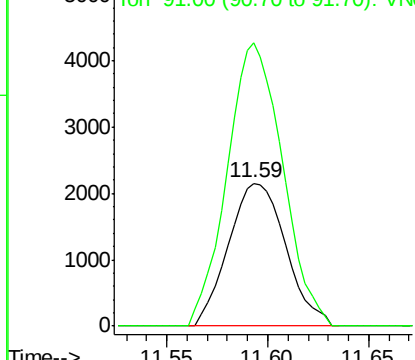
#68
m/p-Xylenes
Concen: 1.319 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tot Ion:106 Resp: 4267
Ion Ratio Lower Upper
106 100
91 191.7 163.0 244.4

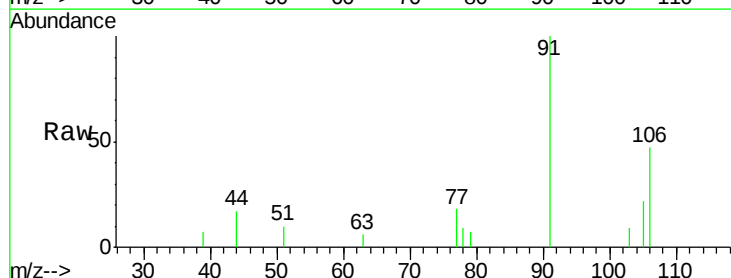


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

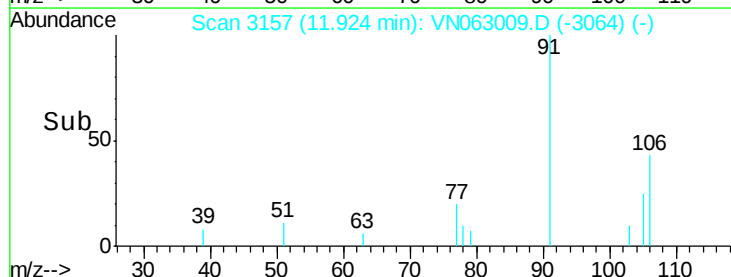
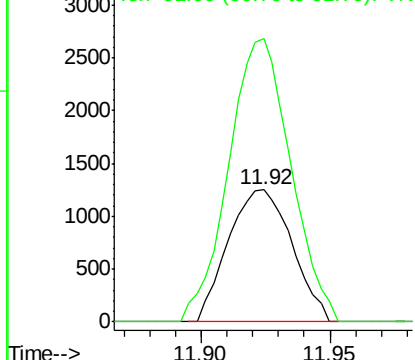


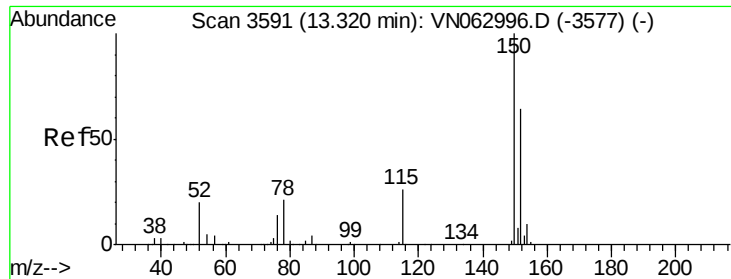
#69
o-Xylene
Concen: 0.694 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion:106 Resp: 2155
Ion Ratio Lower Upper
106 100
91 209.1 107.3 321.9



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: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

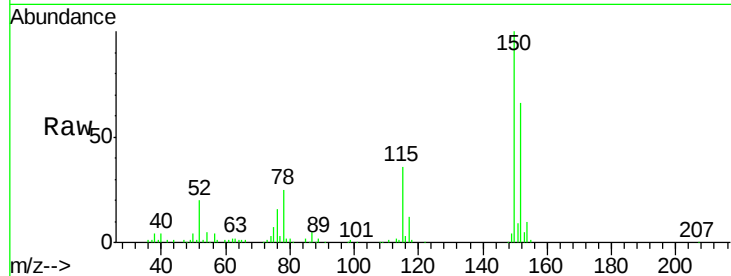
Tot Ion:152 Resp: 96331

Ion Ratio Lower Upper

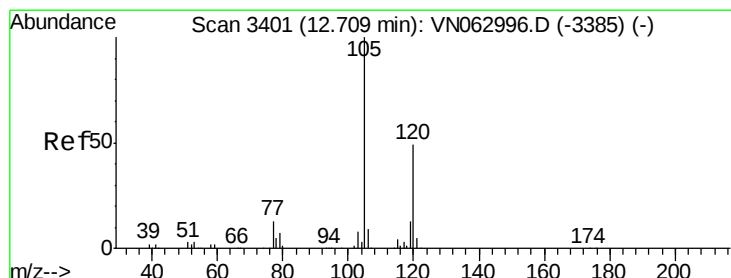
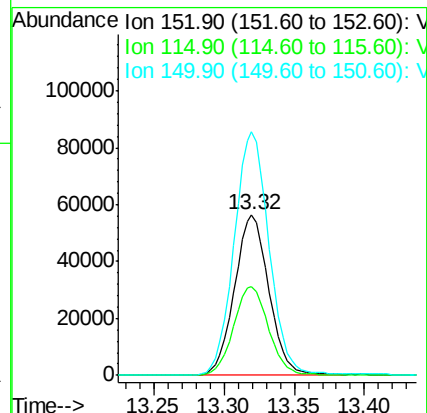
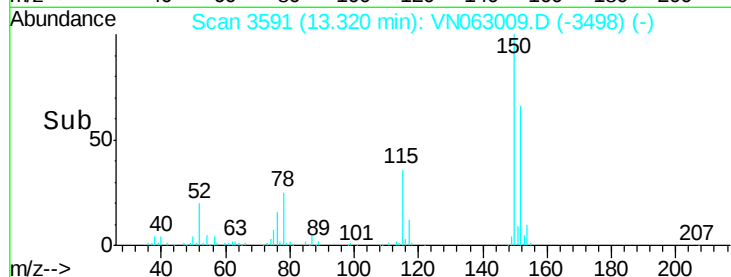
152 100

115 56.4 28.7 86.3

150 154.2 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



#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN063009.D

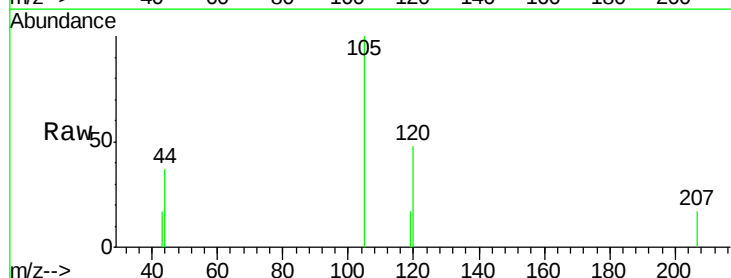
Acq: 19 Aug 2020 13:26

Tgt Ion:105 Resp: 1555

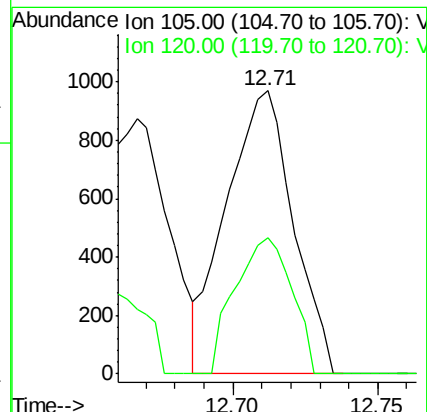
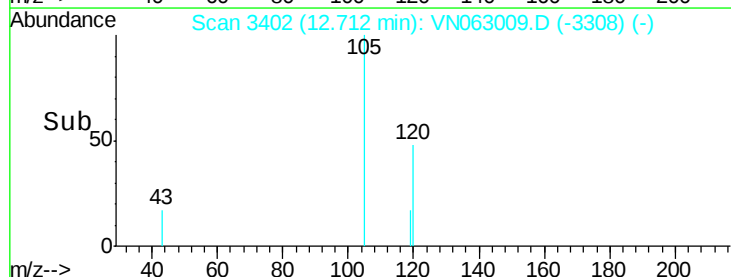
Ion Ratio Lower Upper

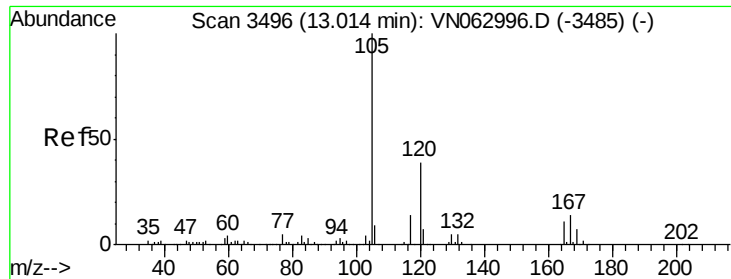
105 100

120 40.8 24.3 72.8



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: 1.092 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

Tot Ion:105 Resp: 5800
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.5 67.5

