

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063513.D
 Acq On : 22 Sep 2020 3:18
 Operator : JC/MD
 Sample : L4082-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

Quant Time: Sep 22 09:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

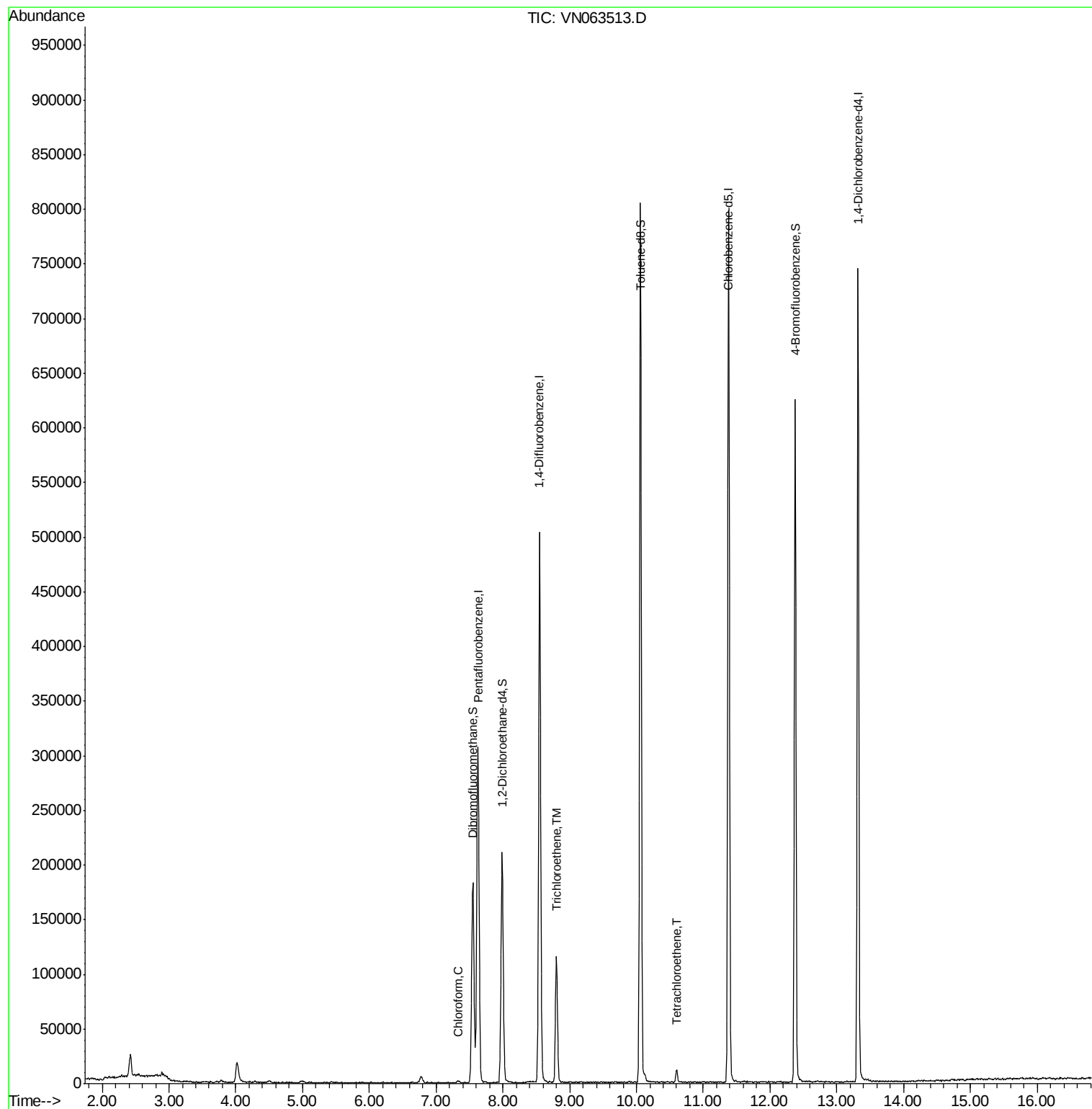
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183497	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	7.55	113	133967	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	10.06	98	536046	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	209639	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
Target Compounds						
30) Chloroform	7.33	83	1841	0.330	ug/l	99
44) Trichloroethene	8.80	130	37842	12.215	ug/l	95
64) Tetrachloroethene	10.61	164	2470	0.851	ug/l #	81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 22 Sep 2020 3:18

Instrument :

MSVOA_N

ClientSampleId :

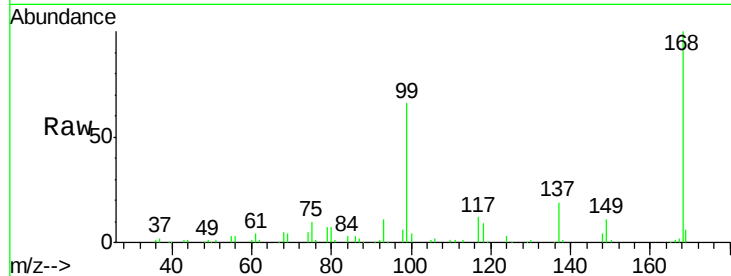
RE134D1-20200915

Tot Ion:168 Resp: 223561

Ion Ratio Lower Upper

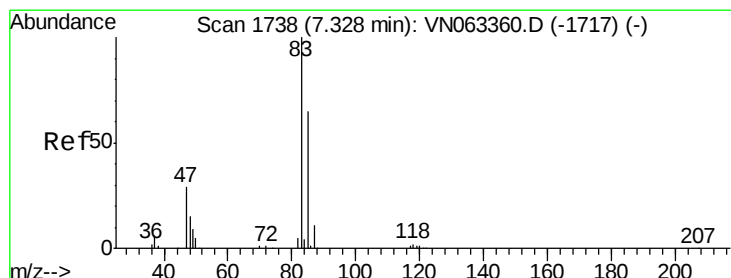
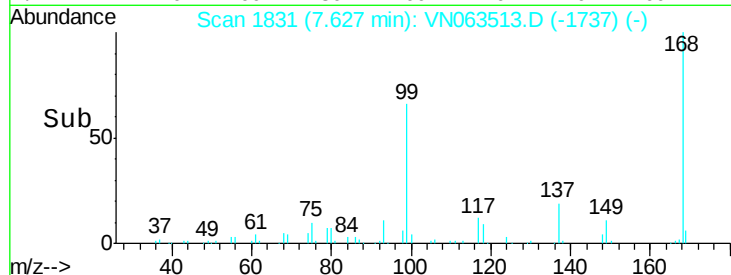
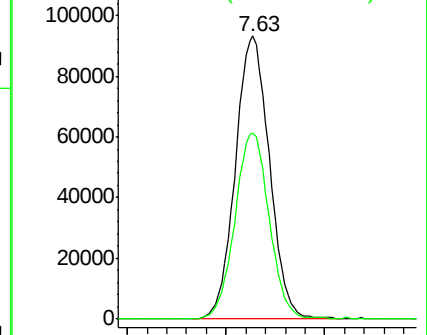
168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 0.330 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063513.D

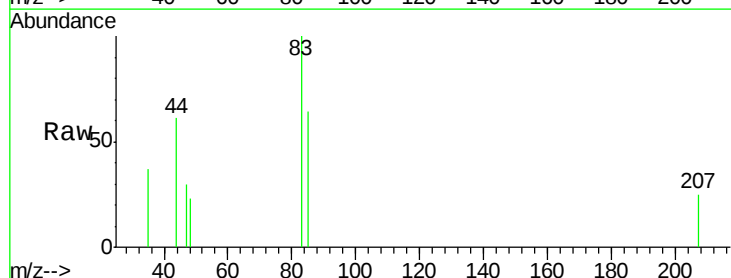
Acq: 22 Sep 2020 3:18

Tgt Ion: 83 Resp: 1841

Ion Ratio Lower Upper

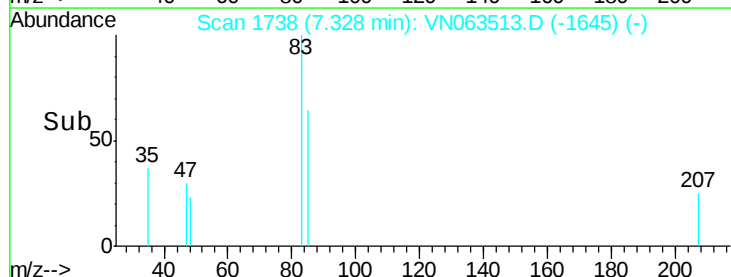
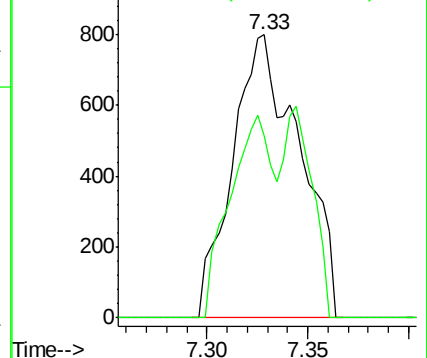
83 100

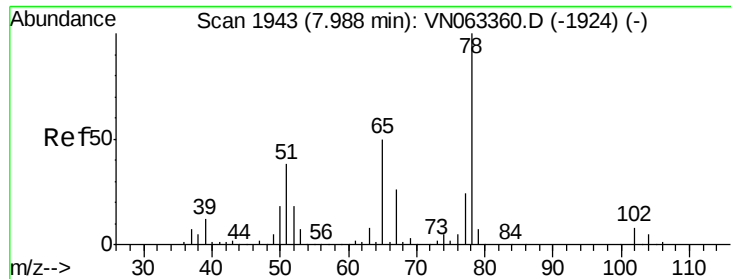
85 64.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

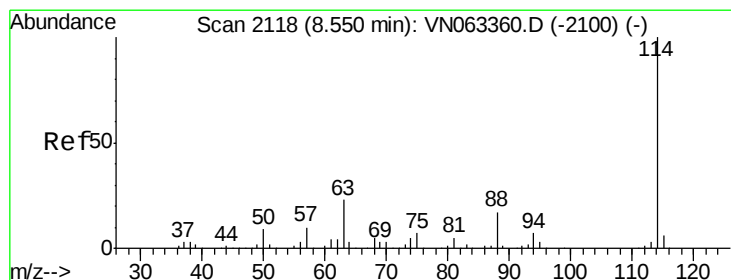
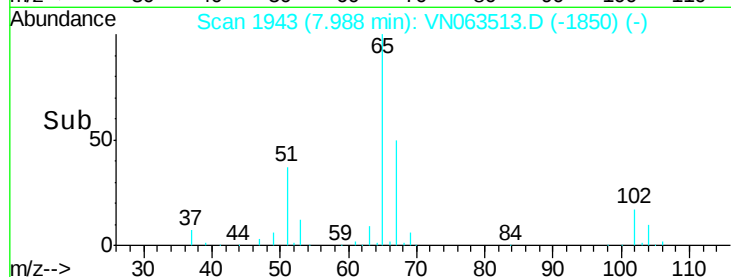
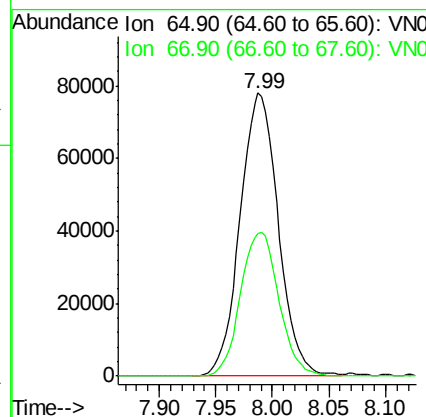
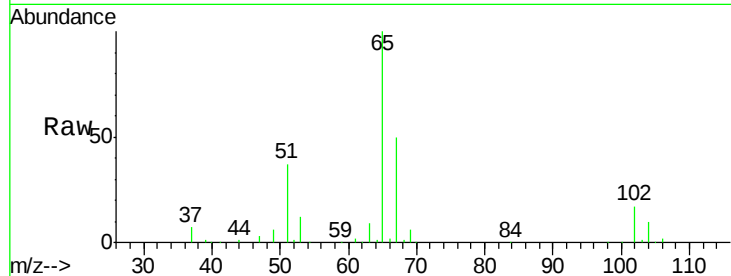




#33
 1,2-Dichloroethane-d4
 Concen: 48.218 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063513.D
 Acq: 22 Sep 2020 3:18

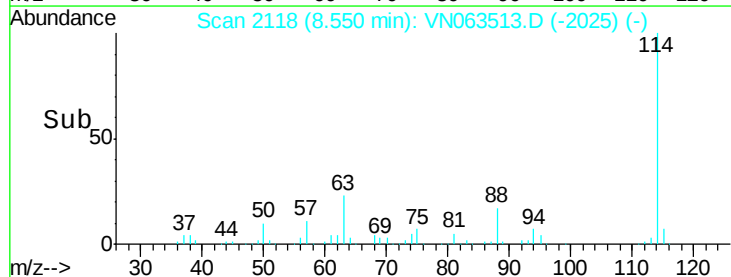
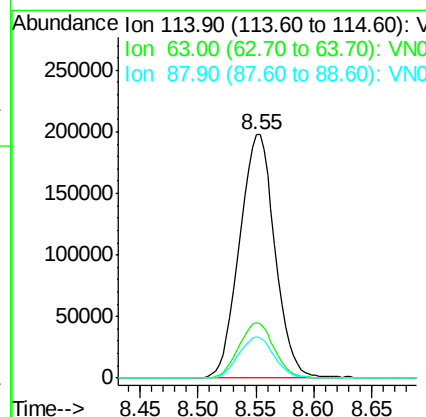
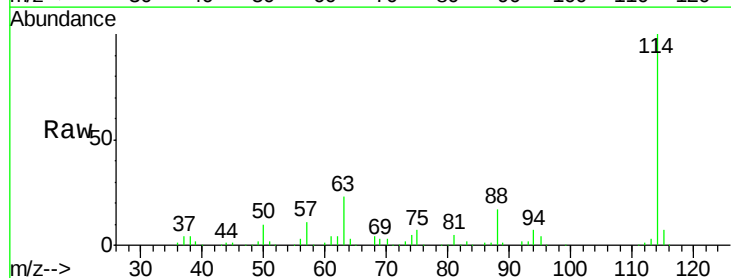
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

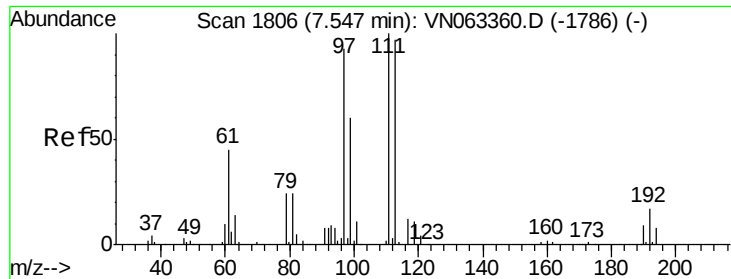
Tot Ion: 65 Resp: 183497
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063513.D
 Acq: 22 Sep 2020 3:18

Tgt Ion: 114 Resp: 419991
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.4
 88 17.2 0.0 33.2

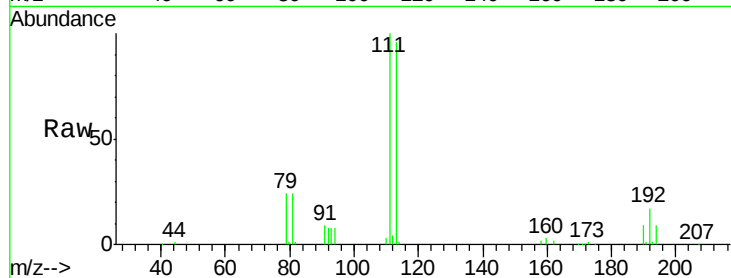




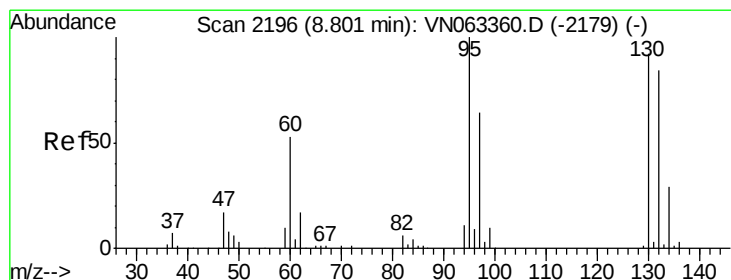
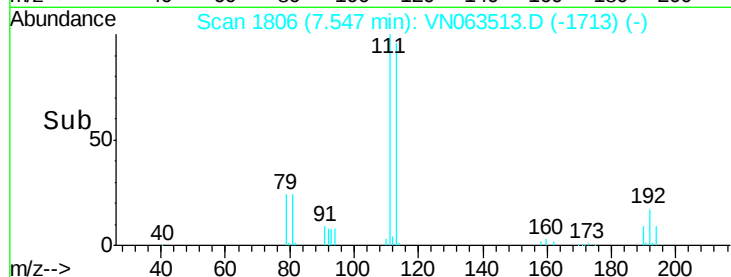
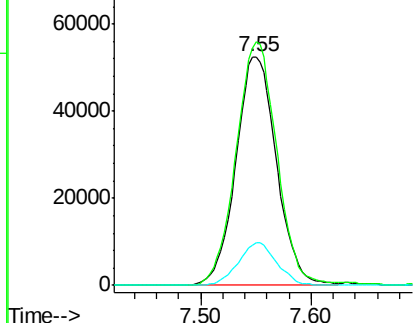
#35
 Dibromofluoromethane
 Concen: 46.076 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN063513.D
 Acq: 22 Sep 2020 3:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20200915

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.4	82.9	124.3
192	17.6	13.9	20.9

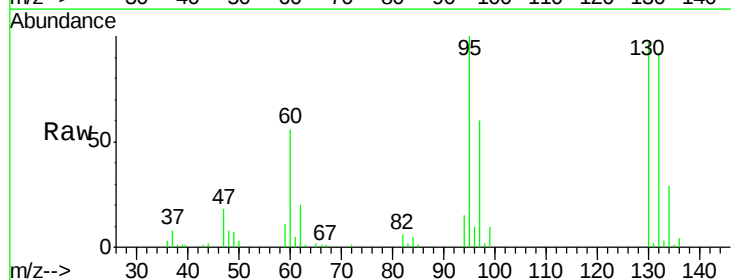


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

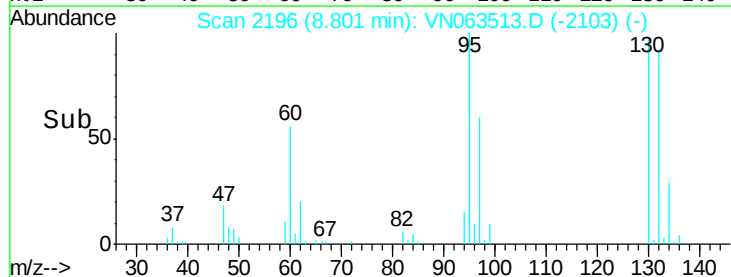
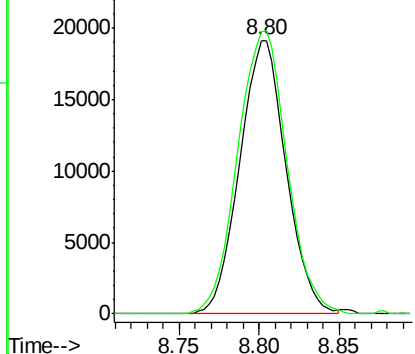


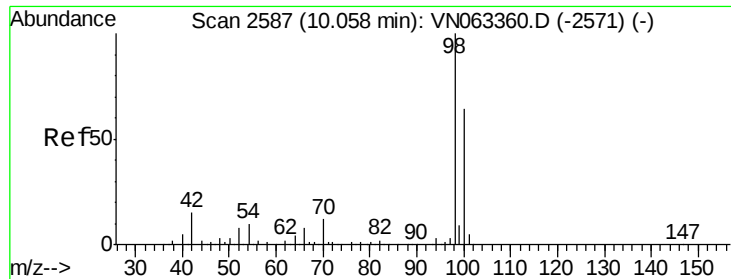
#44
 Trichloroethene
 Concen: 12.215 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063513.D
 Acq: 22 Sep 2020 3:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	217.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.031 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063513.D

Acq: 22 Sep 2020 3:18

Instrument :

MSVOA_N

ClientSampleId :

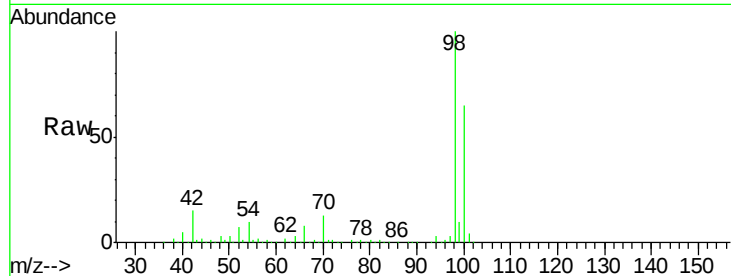
RE134D1-20200915

Tot Ion: 98 Resp: 536046

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

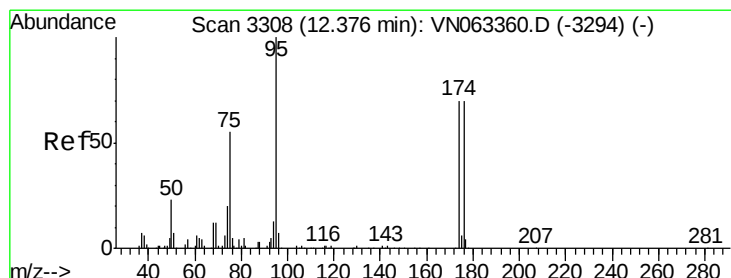
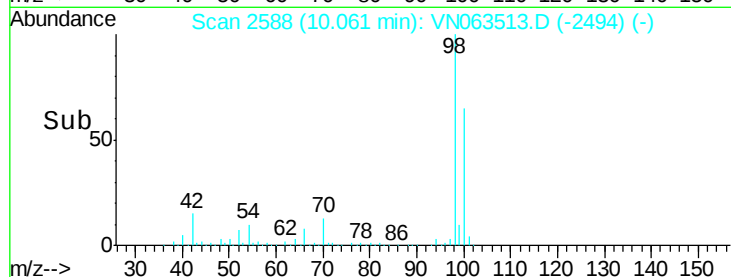
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.308 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063513.D

Acq: 22 Sep 2020 3:18

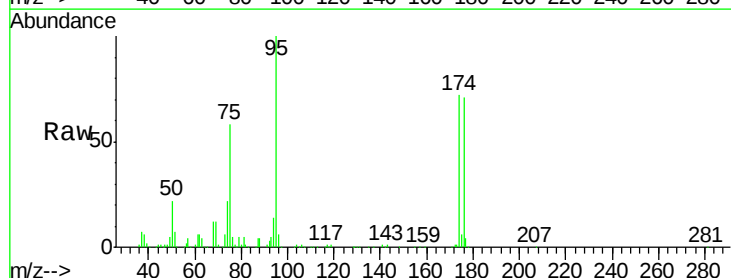
Tgt Ion: 95 Resp: 209639

Ion Ratio Lower Upper

95 100

174 72.5 0.0 140.8

176 70.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

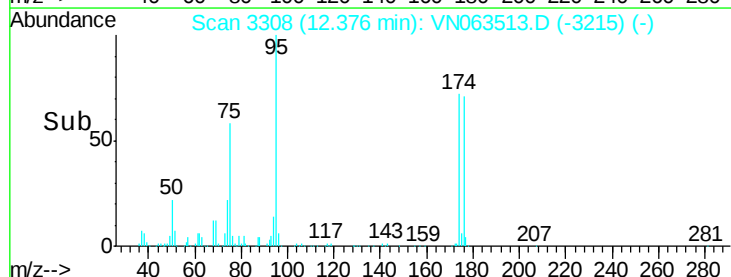
150000

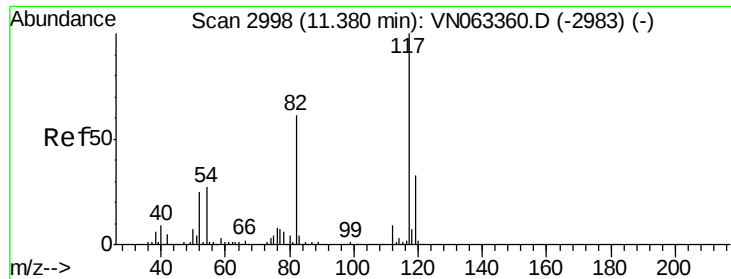
100000

50000

0

Time-->

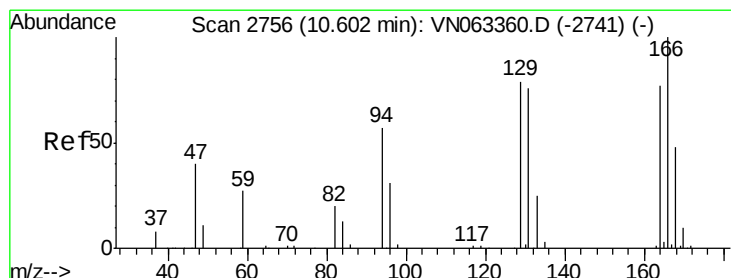
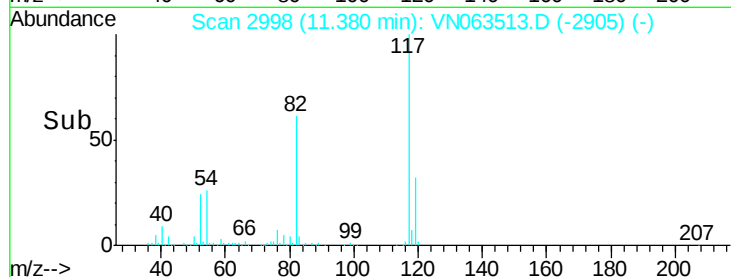
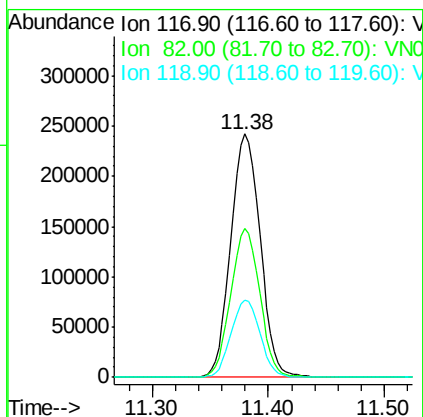
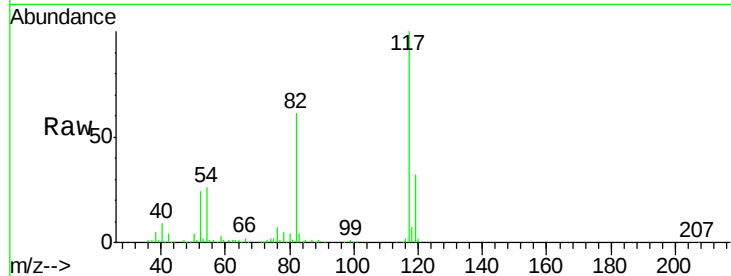




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063513.D
Acq: 22 Sep 2020 3:18

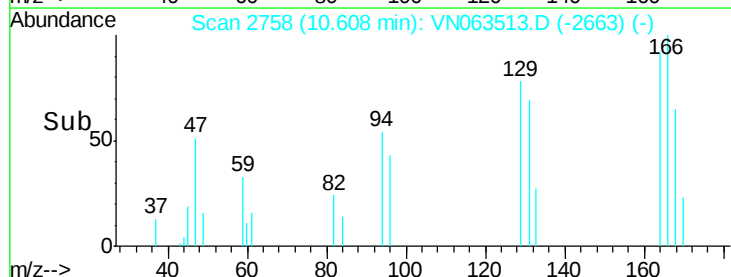
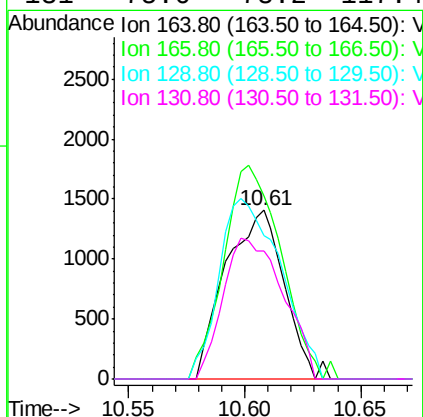
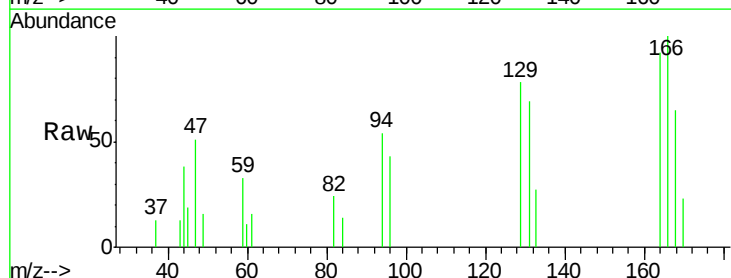
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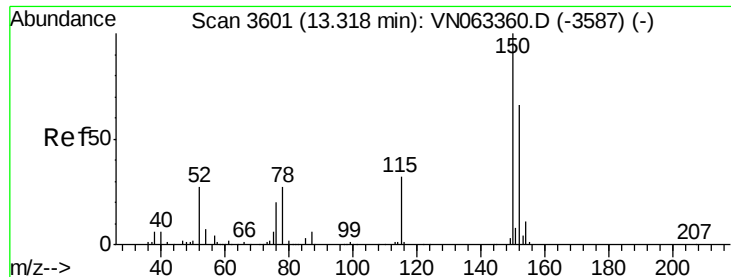
Tot Ion:117 Resp: 426248
Ion Ratio Lower Upper
117 100
82 61.1 49.2 73.8
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 0.851 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN063513.D
Acq: 22 Sep 2020 3:18

Tgt Ion:164 Resp: 2470
Ion Ratio Lower Upper
164 100
166 108.9 103.4 155.0
129 84.9 81.8 122.6
131 75.6 78.2 117.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063513.D

Acq: 22 Sep 2020 3:18

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20200915

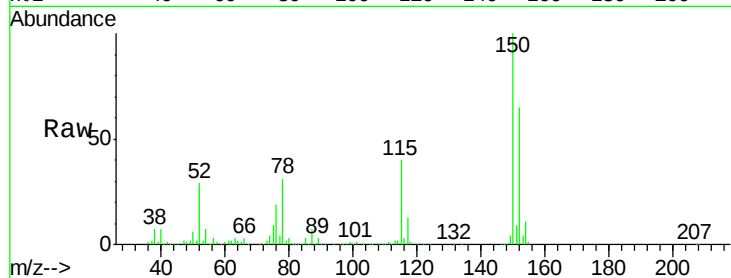
Tot Ion:152 Resp: 179210

Ion Ratio Lower Upper

152 100

115 62.7 32.2 96.6

150 158.3 0.0 343.4



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

