

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063515.D
 Acq On : 22 Sep 2020 4:06
 Operator : JC/MD
 Sample : L4082-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20200915

Quant Time: Sep 22 09:33:34 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

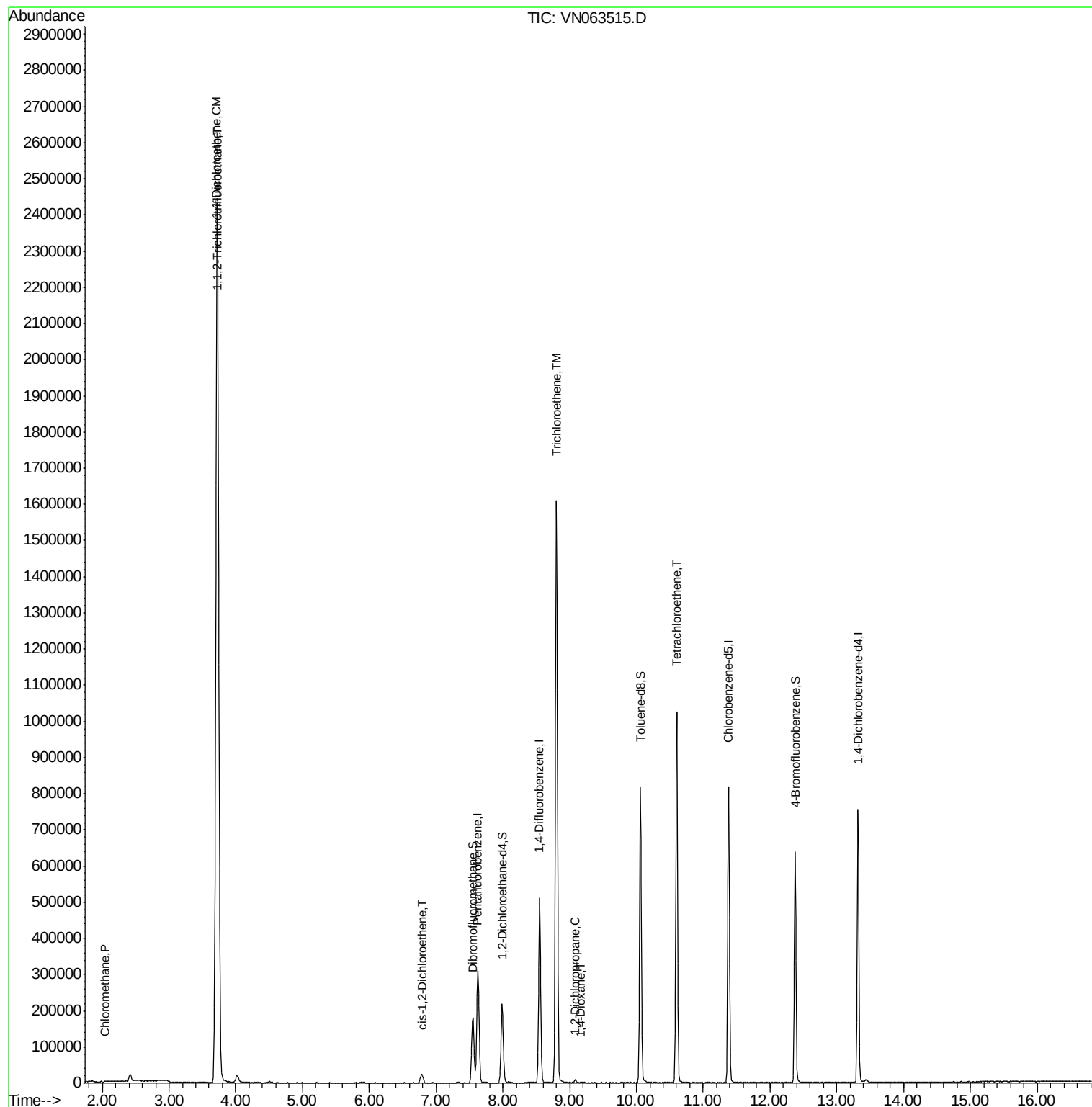
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	229872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186302	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	139233	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	10.06	98	550224	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.38	95	217499	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
3) Chloromethane	2.04	50	1914	0.556	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1492655	582.819	ug/l	99
12) 1,1-Dichloroethene	3.70	96	10880	4.194	ug/l	90
27) cis-1,2-Dichloroethene	6.78	96	13553	4.166	ug/l	88
44) Trichloroethene	8.80	130	538438	170.287	ug/l	98
45) 1,2-Dichloropropane	9.08	63	2664	0.750	ug/l	93
49) 1,4-Dioxane	9.16	88	1640	29.023	ug/l #	78
64) Tetrachloroethene	10.60	164	208434	70.710	ug/l	100

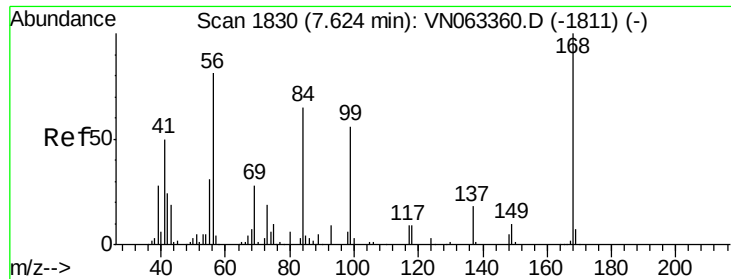
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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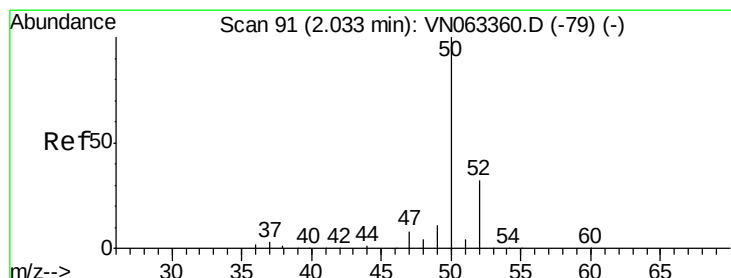
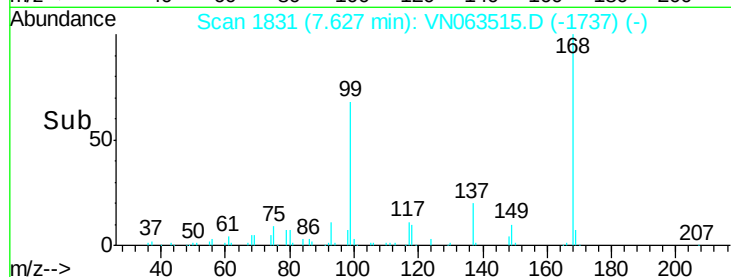
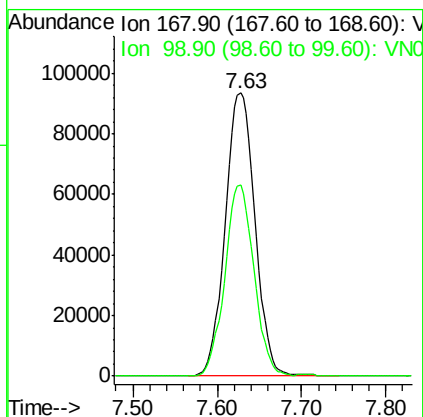
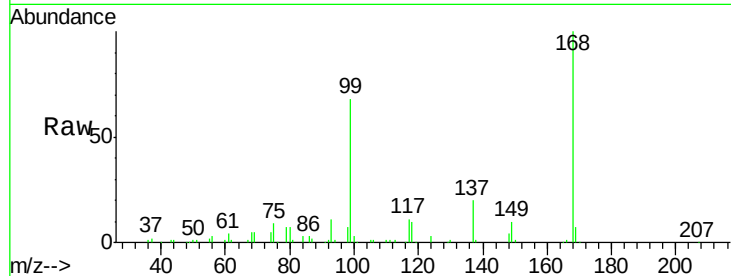




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

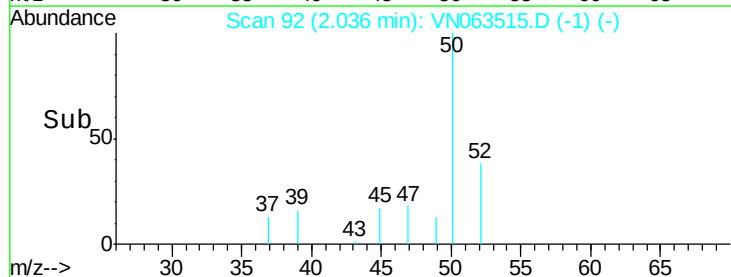
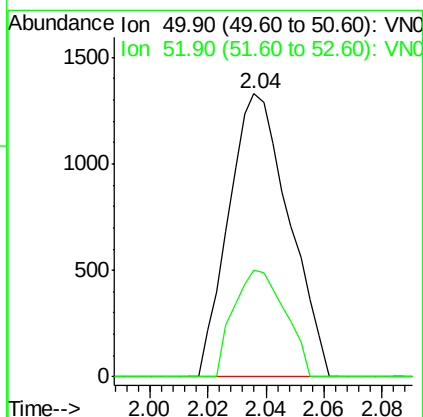
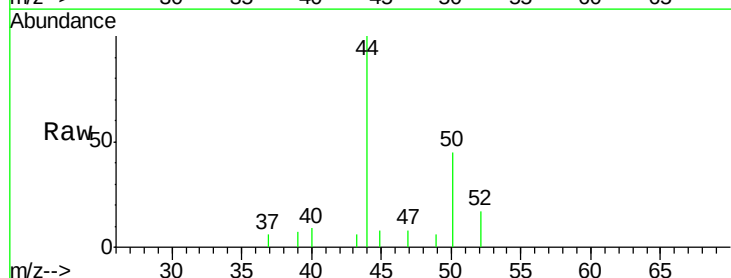
Instrument :
MSVOA_N
ClientSampleId :
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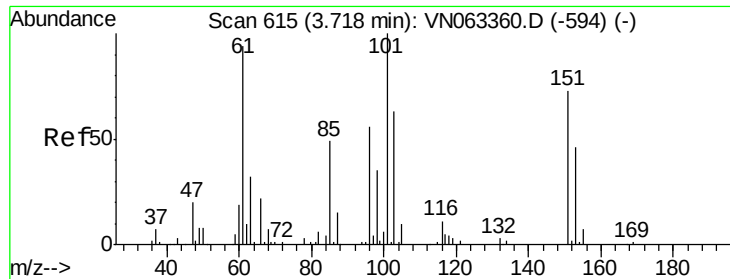
Tot Ion:168 Resp: 229872
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#3
Chloromethane
Concen: 0.556 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

Tgt Ion: 50 Resp: 1914
Ion Ratio Lower Upper
50 100
52 37.8 25.9 38.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 582.819 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063515.D

Acq: 22 Sep 2020 4:06

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200915

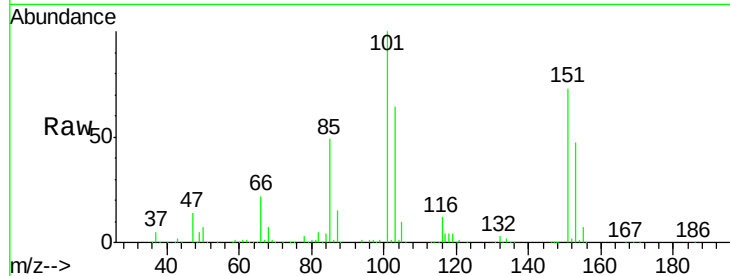
Tot Ion:101 Resp: 1492655

Ion Ratio Lower Upper

101 100

85 48.1 37.7 56.5

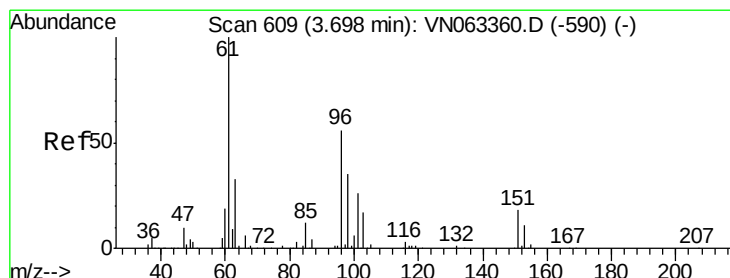
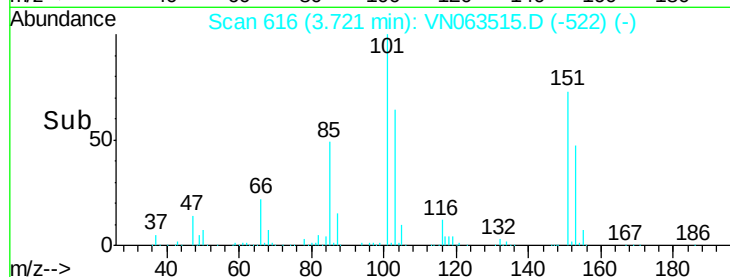
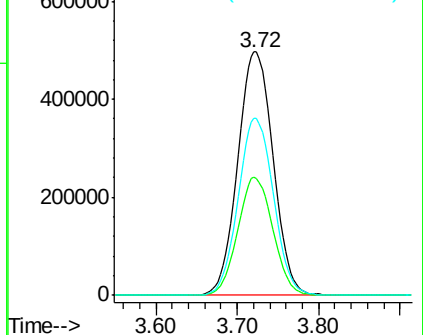
151 72.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 4.194 ug/l

RT: 3.70 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN063515.D

Acq: 22 Sep 2020 4:06

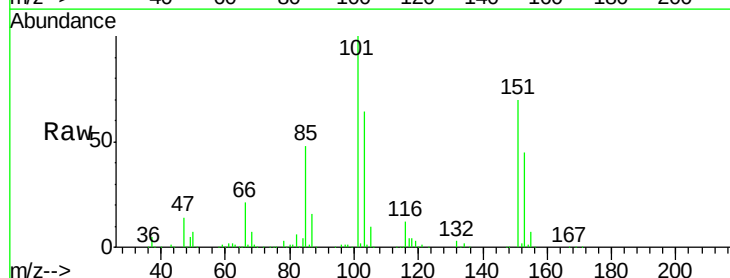
Tgt Ion: 96 Resp: 10880

Ion Ratio Lower Upper

96 100

61 164.3 143.4 215.2

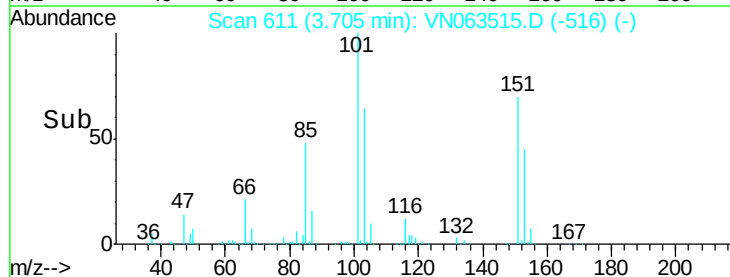
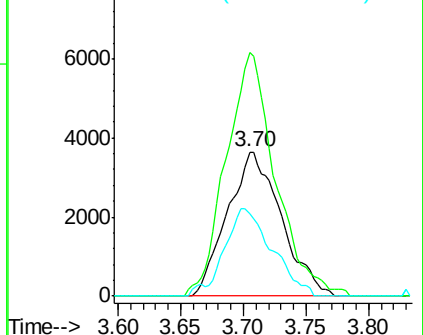
98 57.0 50.6 76.0

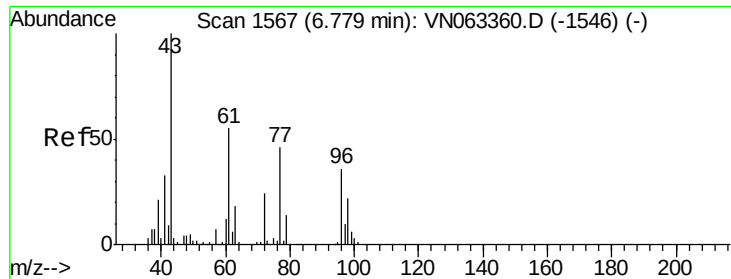


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

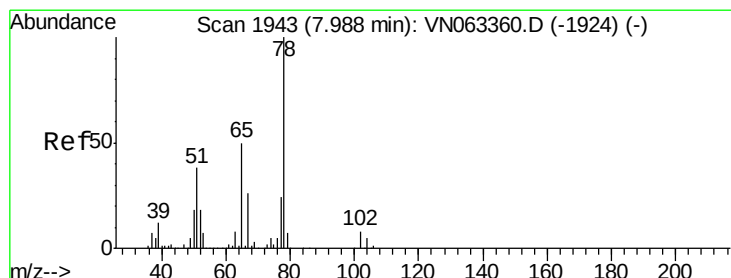
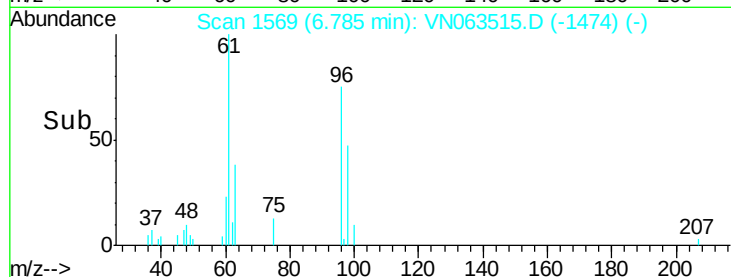
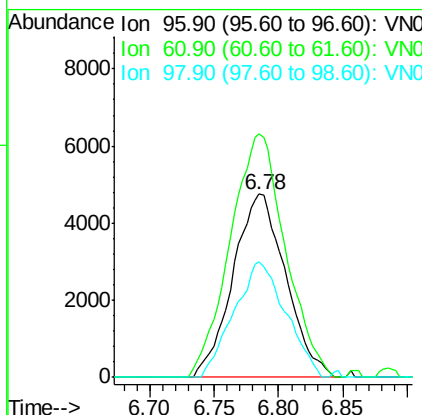
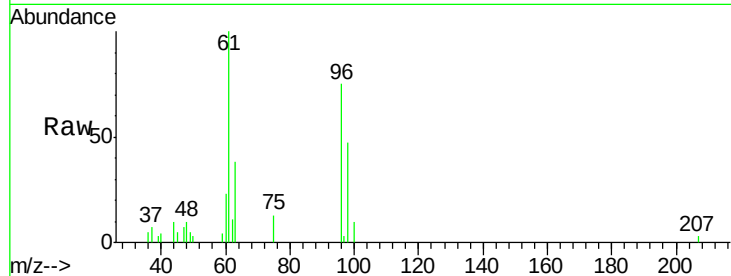




#27
 cis-1,2-Dichloroethene
 Concen: 4.166 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063515.D
 Acq: 22 Sep 2020 4:06

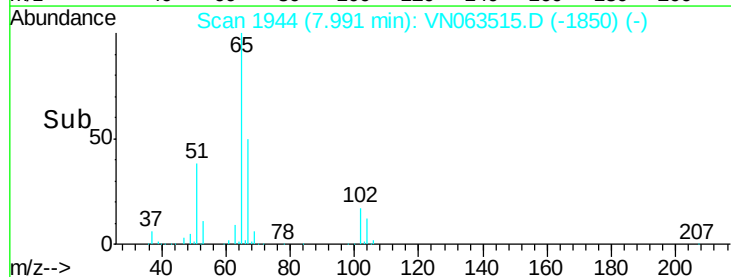
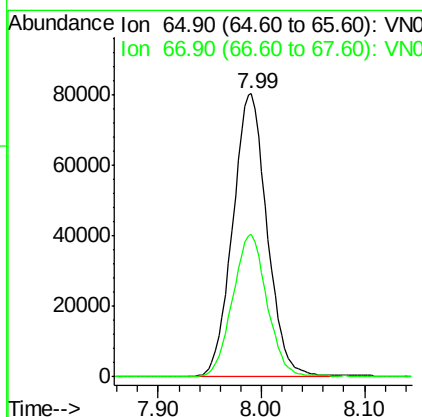
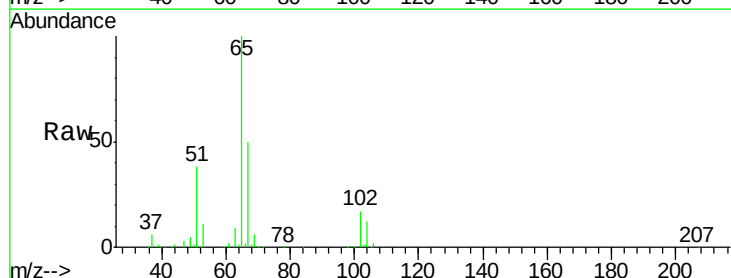
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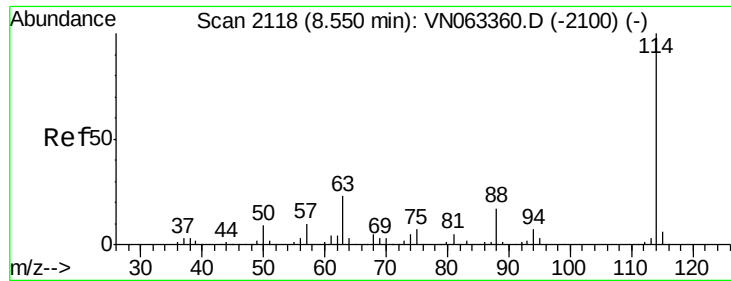
Tot Ion: 96 Resp: 13553
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 319.6
 98 61.8 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 47.611 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063515.D
 Acq: 22 Sep 2020 4:06

Tgt Ion: 65 Resp: 186302
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.2

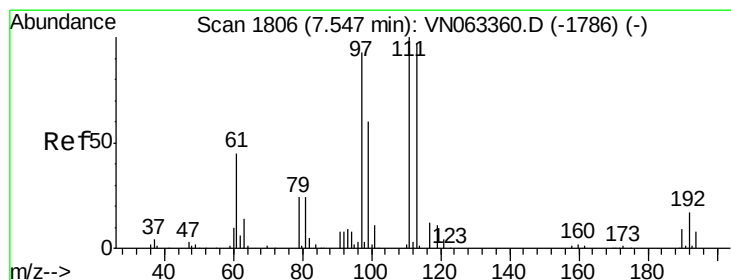
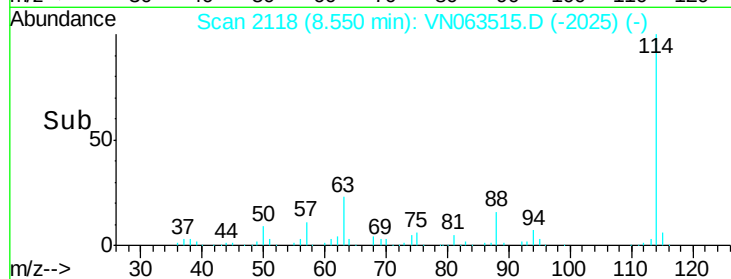
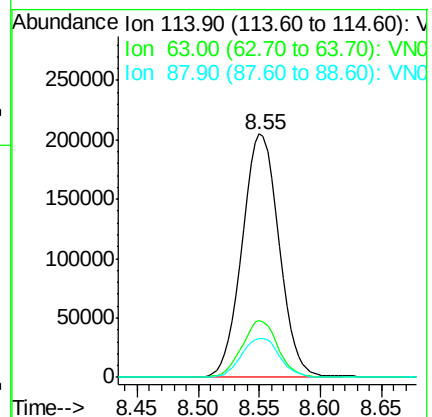
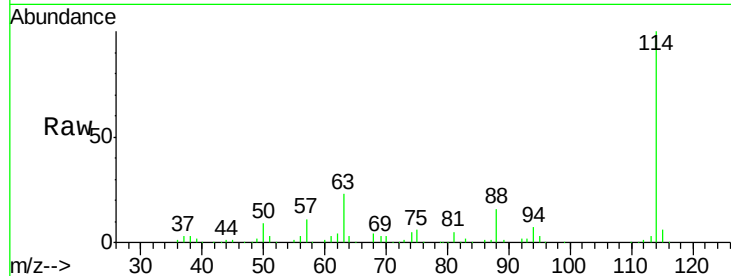




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063515.D
 Acq: 22 Sep 2020 4:06

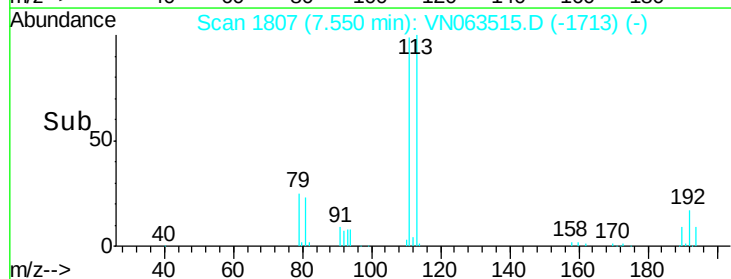
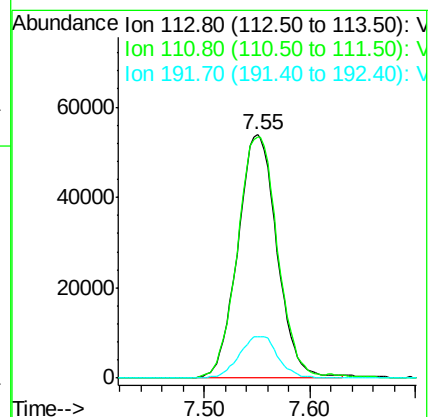
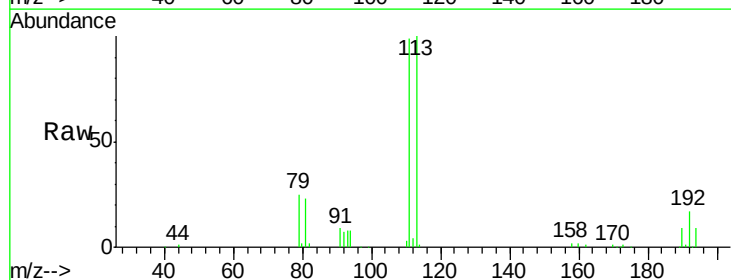
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20200915

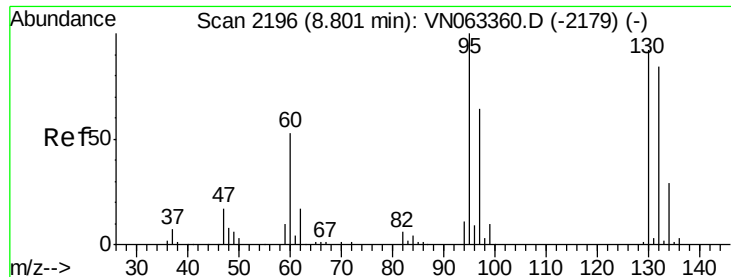
Tot Ion:114 Resp: 428663
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.0 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 46.919 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063515.D
 Acq: 22 Sep 2020 4:06

Tgt Ion:113 Resp: 139233
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.9 124.3
 192 16.9 13.9 20.9





#44

Trichloroethene

Concen: 170.287 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063515.D

Acq: 22 Sep 2020 4:06

Instrument :

MSVOA_N

ClientSampleId :

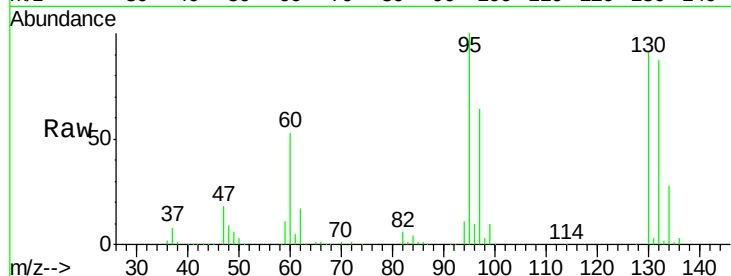
RE134D3-20200915

Tot Ion:130 Resp: 538438

Ion Ratio Lower Upper

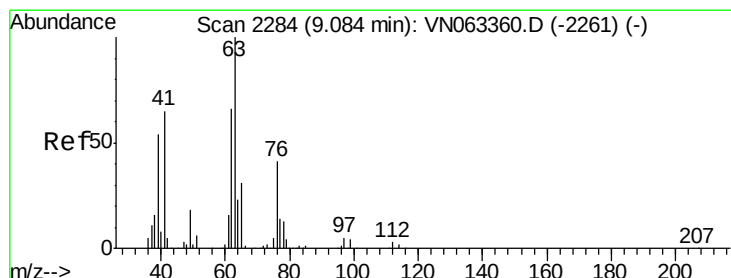
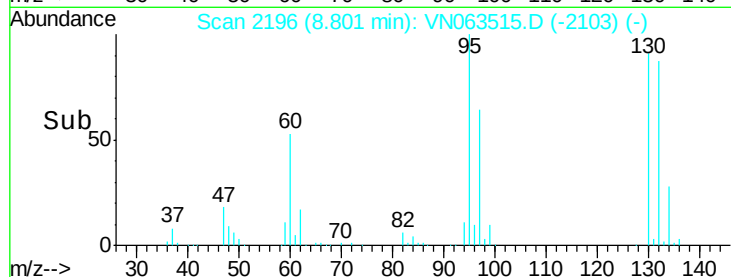
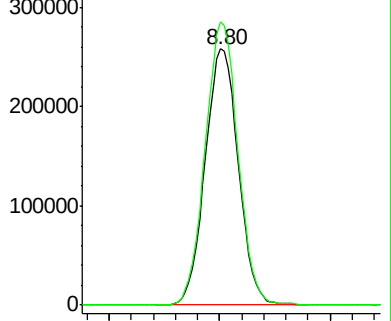
130 100

95 110.4 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.750 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063515.D

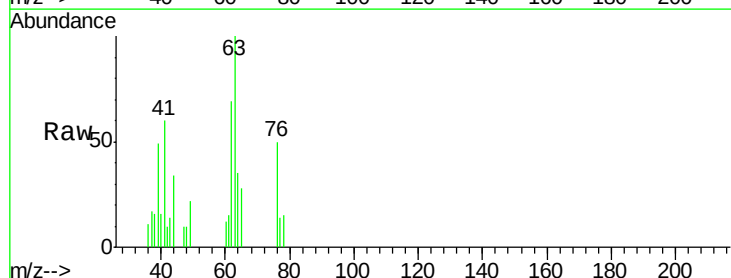
Acq: 22 Sep 2020 4:06

Tgt Ion: 63 Resp: 2664

Ion Ratio Lower Upper

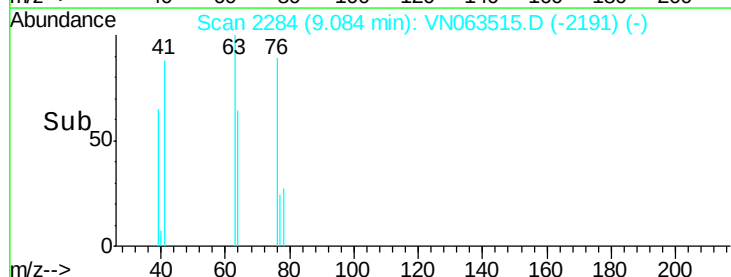
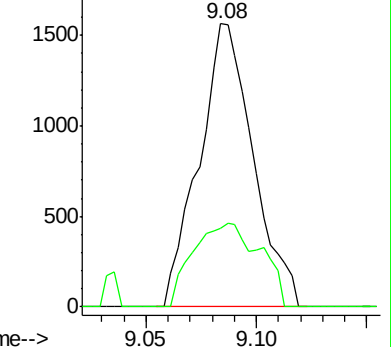
63 100

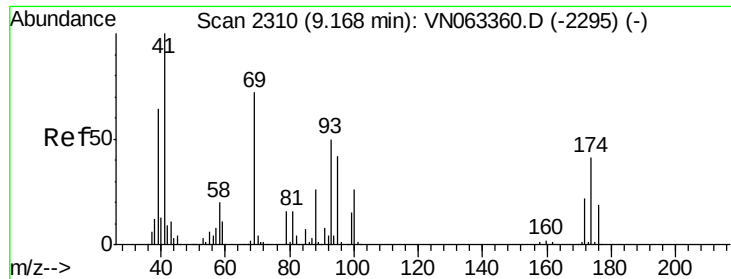
65 27.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

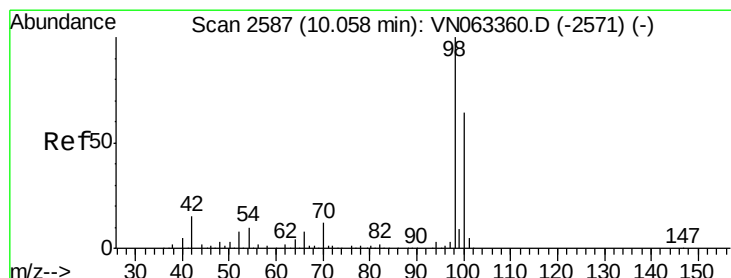
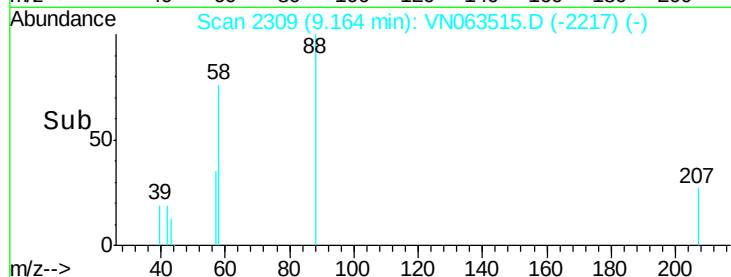
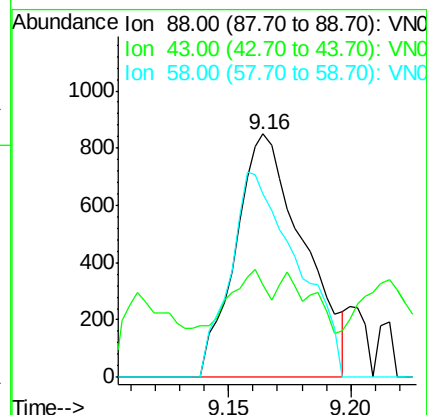
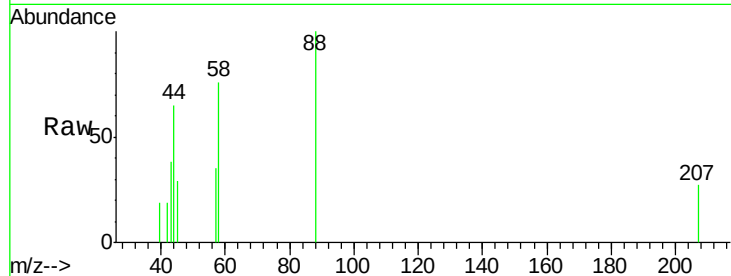




#49
1,4-Dioxane
Concen: 29.023 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

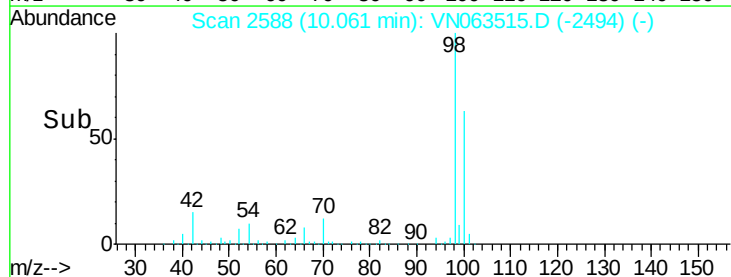
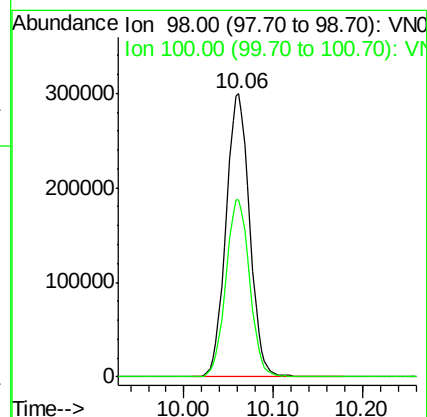
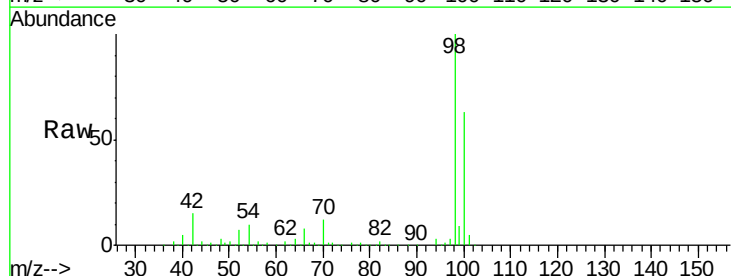
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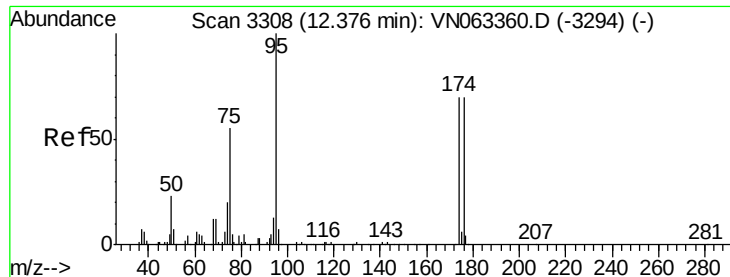
Tot Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 13.1 32.6 49.0#
58 83.0 60.0 90.0



#50
Toluene-d8
Concen: 49.310 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

Tgt Ion: 98 Resp: 550224
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1

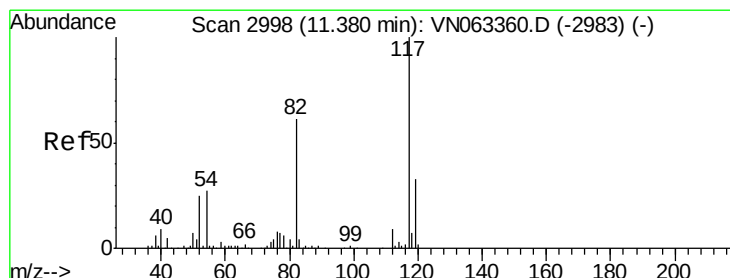
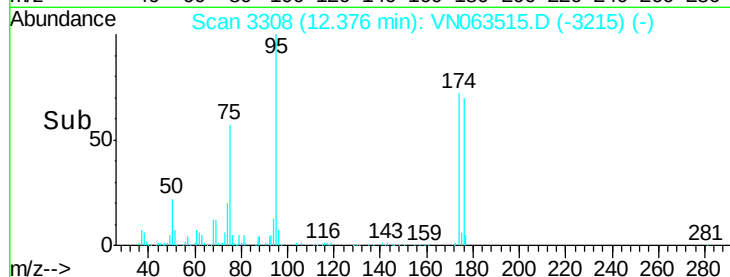
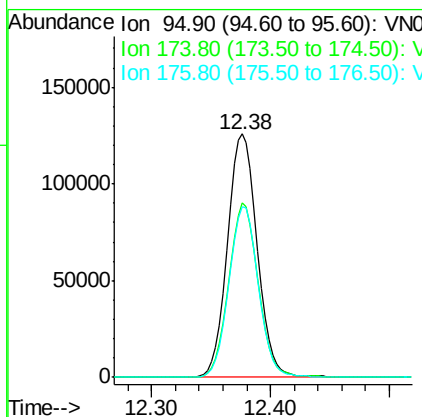
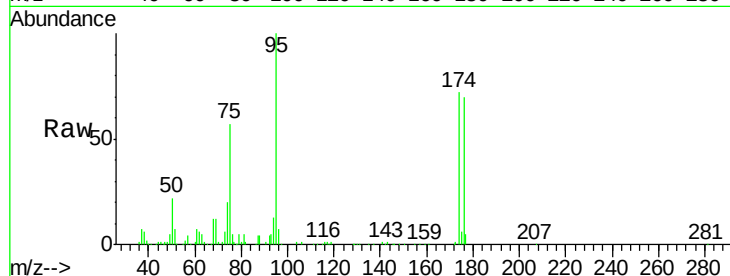




#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

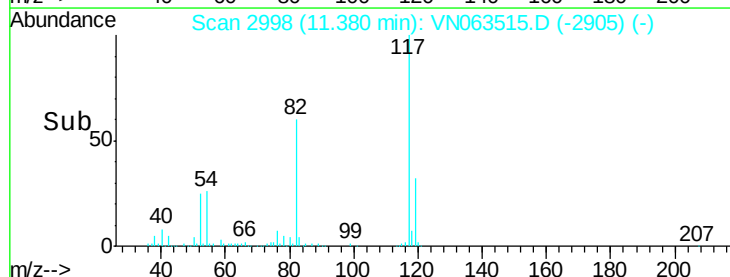
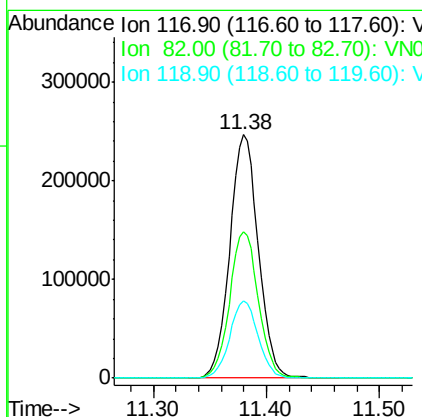
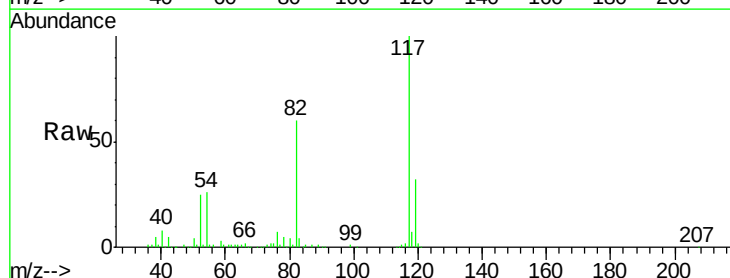
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20200915

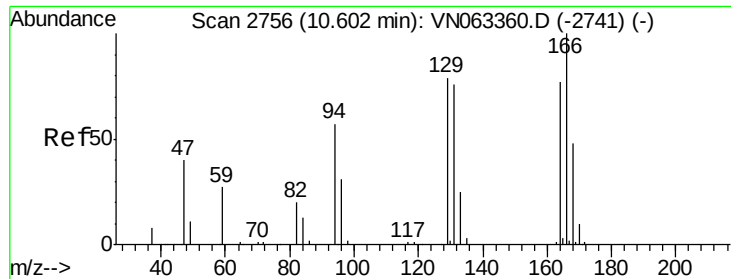
Tot Ion: 95 Resp: 217499
Ion Ratio Lower Upper
95 100
174 70.8 0.0 140.8
176 69.7 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063515.D
Acq: 22 Sep 2020 4:06

Tgt Ion: 117 Resp: 432901
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.8 26.2 39.4





#64

Tetrachloroethene

Concen: 70.710 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063515.D

Acq: 22 Sep 2020 4:06

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20200915

Tot Ion:164 Resp: 208434

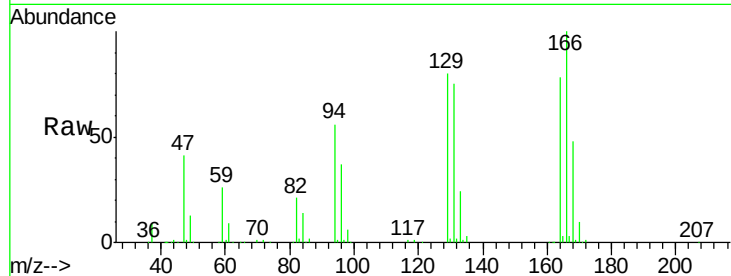
Ion Ratio Lower Upper

164 100

166 128.8 103.4 155.0

129 102.6 81.8 122.6

131 97.0 78.2 117.4

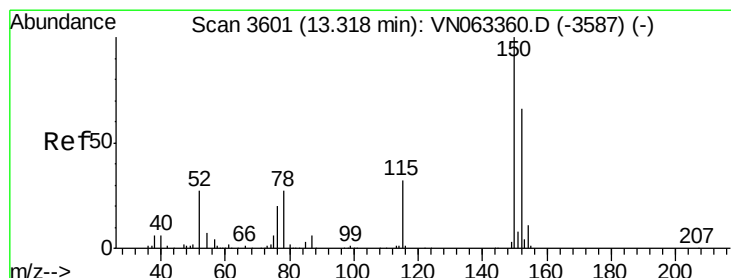
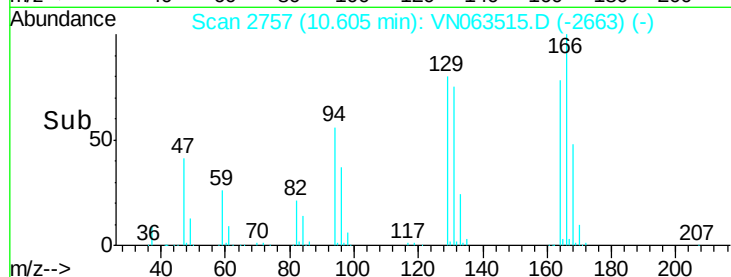
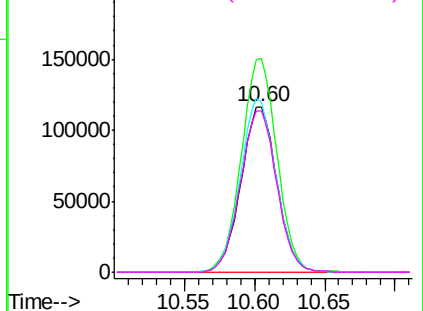


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063515.D

Acq: 22 Sep 2020 4:06

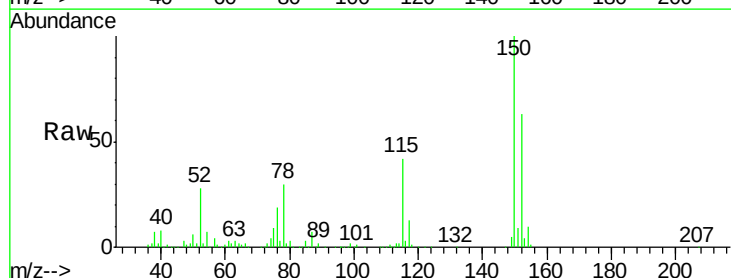
Tgt Ion:152 Resp: 180916

Ion Ratio Lower Upper

152 100

115 65.6 32.2 96.6

150 160.1 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

