

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063629.D
 Acq On : 24 Sep 2020 15:28
 Operator : JC/MD
 Sample : L4119-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20200921

Quant Time: Sep 25 16:33:47 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

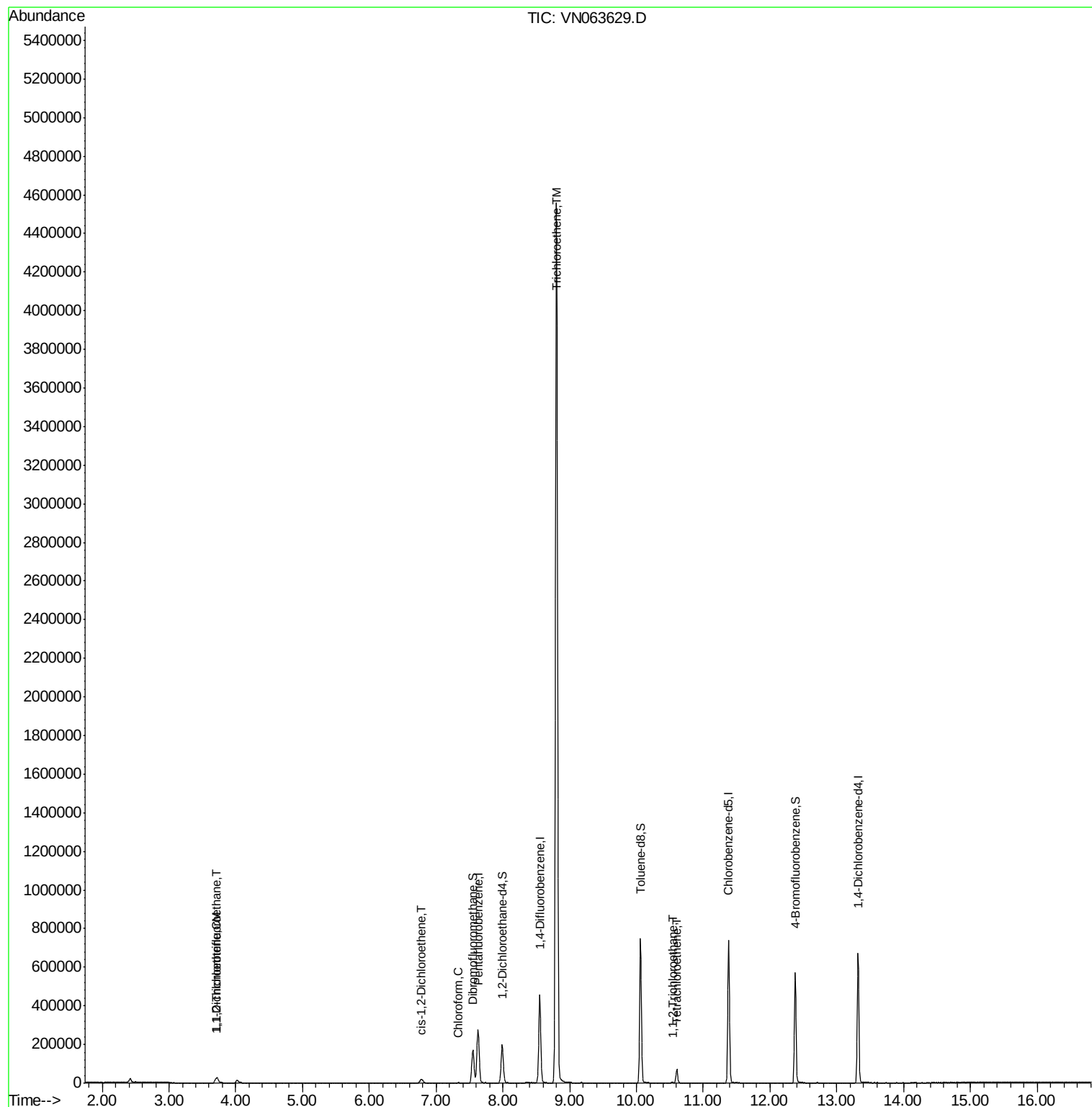
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173953	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.55	113	126055	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.06	98	492049	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.38	95	189664	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	13341	5.914	ug/l	93
12) 1,1-Dichloroethene	3.70	96	6142	2.688	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	4899	1.710	ug/l	95
30) Chloroform	7.33	83	2163	0.428	ug/l	94
44) Trichloroethene	8.80	130	1511835	542.932	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	893	0.326	ug/l #	79
64) Tetrachloroethene	10.60	164	14713	5.609	ug/l	92

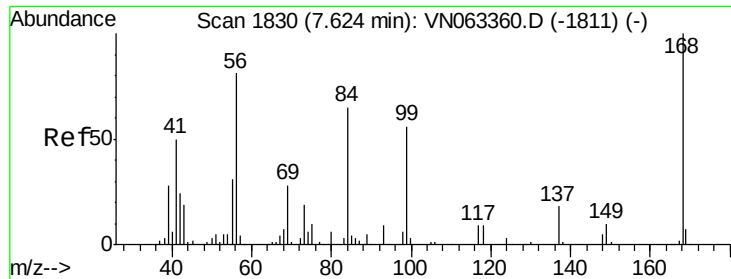
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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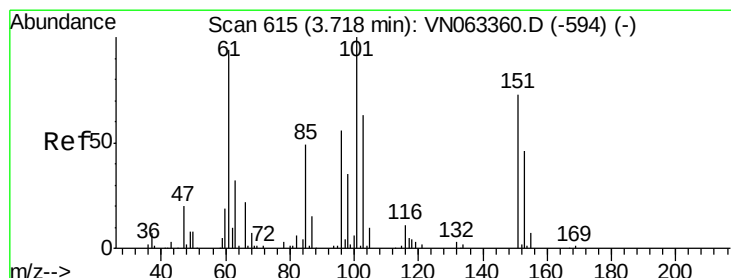
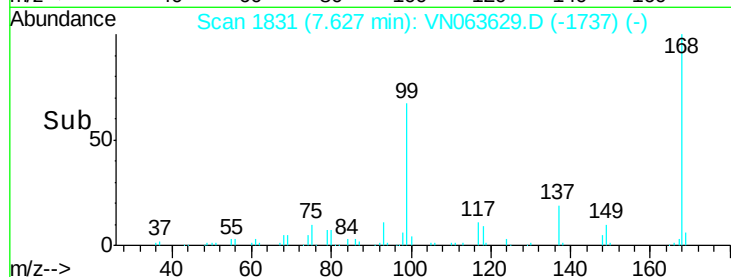
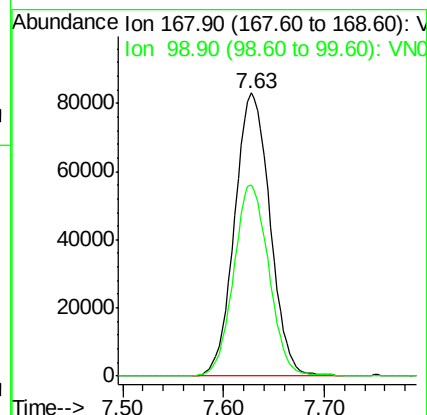
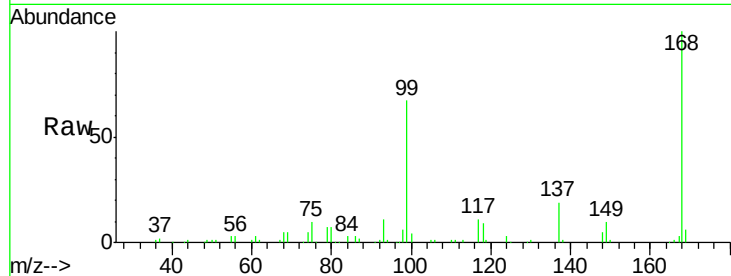




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

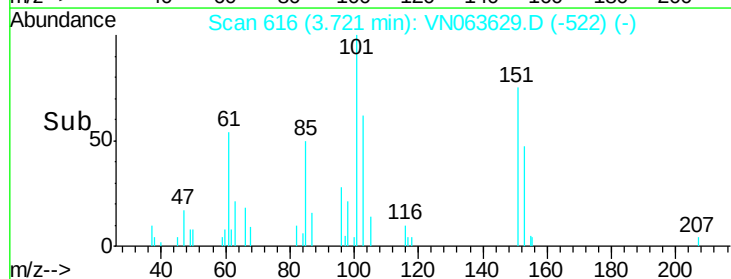
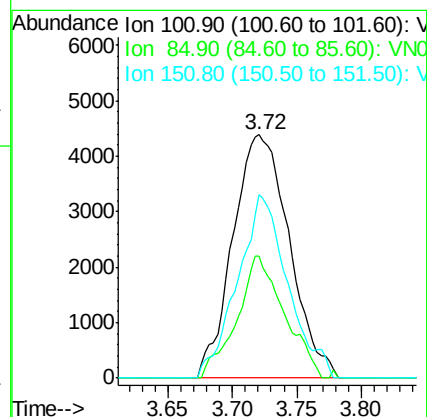
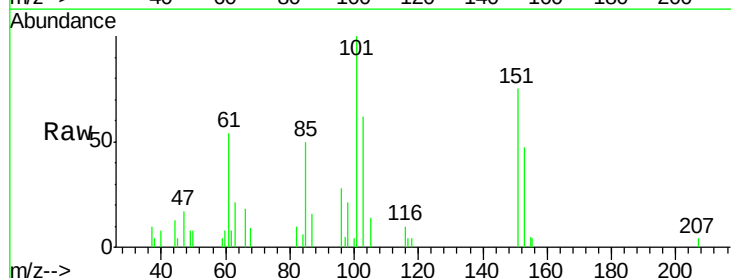
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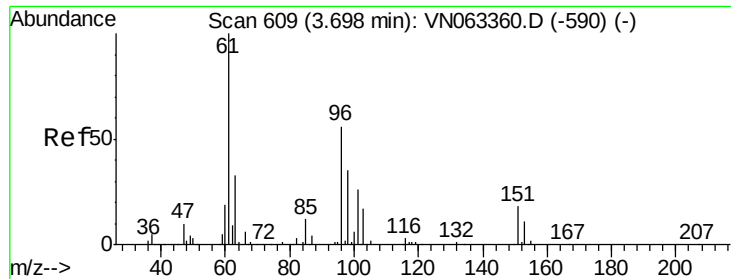
Tot Ion:168 Resp: 202476
Ion Ratio Lower Upper
168 100
99 67.2 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.914 ug/l
RT: 3.72 min Scan# 616
Delta R.T. 0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

Tgt Ion:101 Resp: 13341
Ion Ratio Lower Upper
101 100
85 42.2 37.7 56.5
151 67.0 57.7 86.5

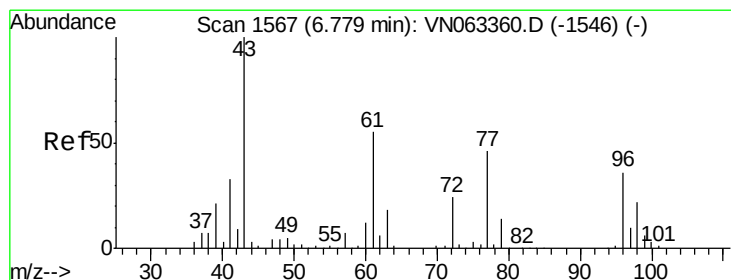
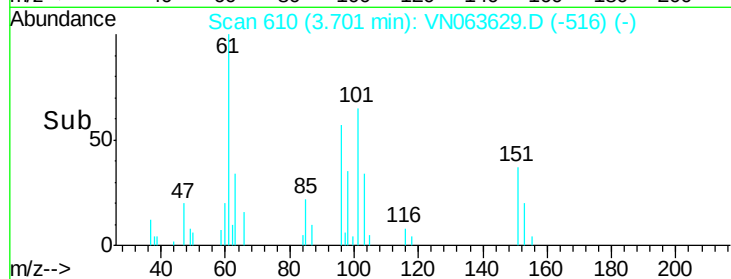
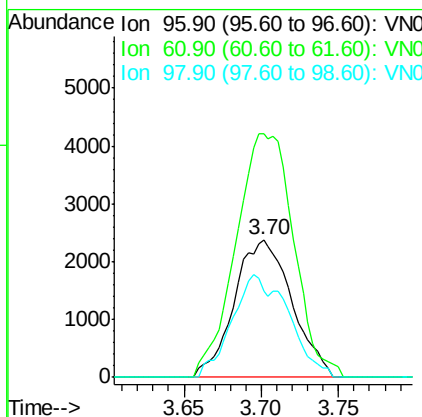
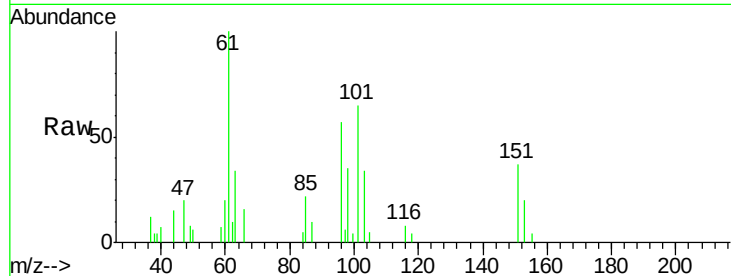




#12
 1,1-Dichloroethene
 Concen: 2.688 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063629.D
 Acq: 24 Sep 2020 15:28

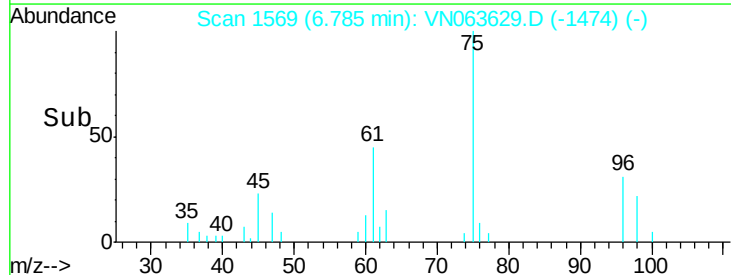
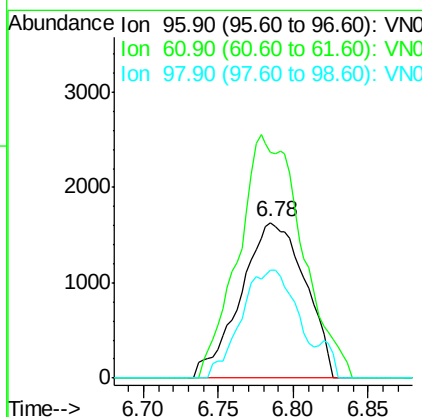
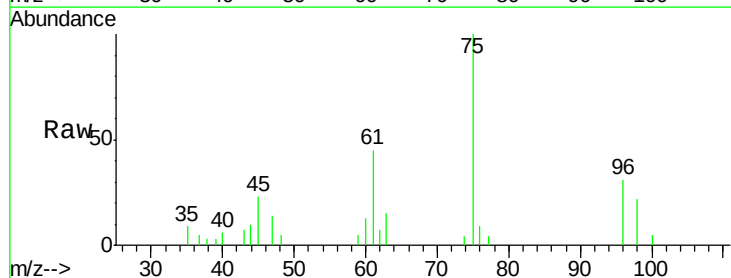
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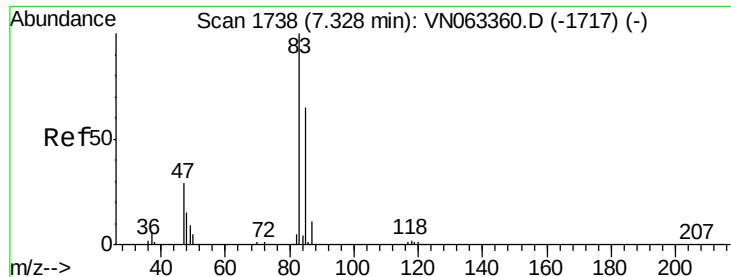
Tot Ion: 96 Resp: 6142
 Ion Ratio Lower Upper
 96 100
 61 176.9 143.4 215.2
 98 62.2 50.6 76.0



#27
 cis-1,2-Dichloroethene
 Concen: 1.710 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063629.D
 Acq: 24 Sep 2020 15:28

Tgt Ion: 96 Resp: 4899
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 319.6
 98 59.5 0.0 127.8

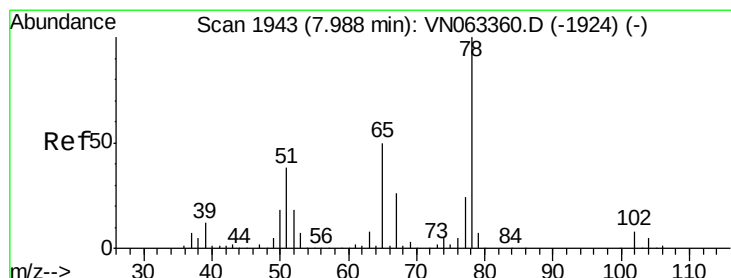
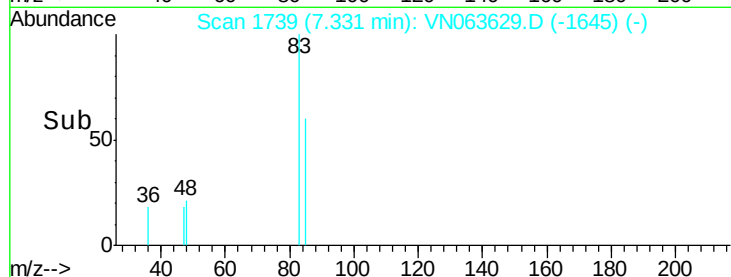
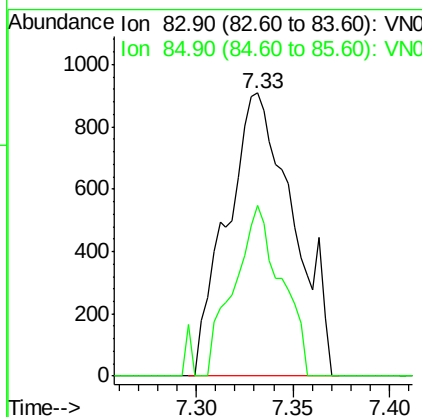
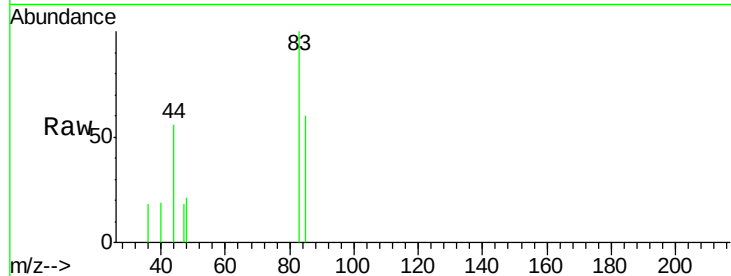




#30
Chloroform
Concen: 0.428 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

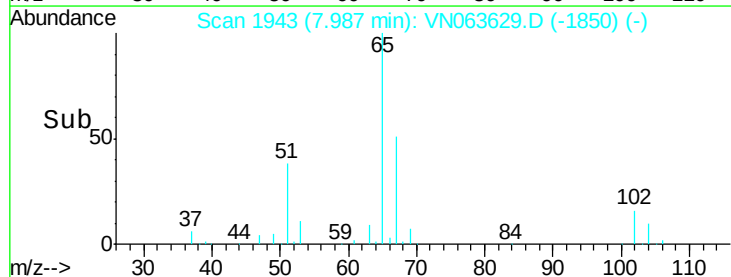
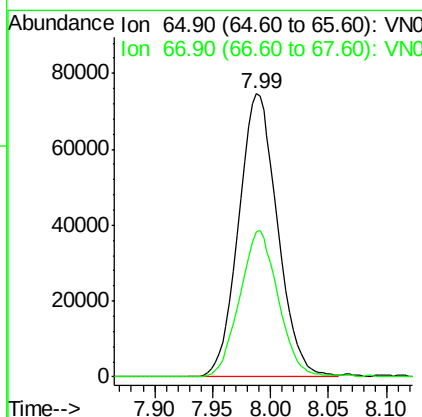
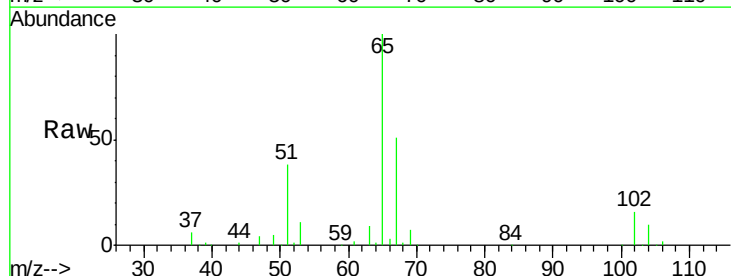
Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20200921

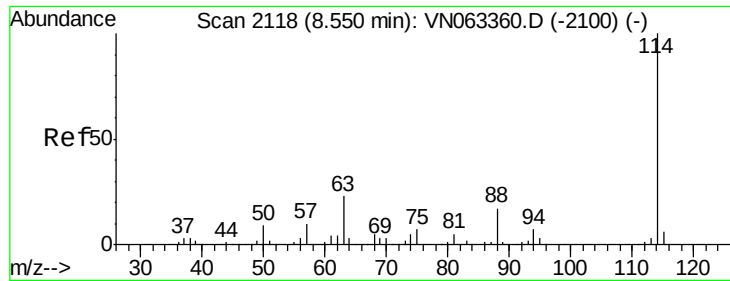
Tot Ion: 83 Resp: 2163
Ion Ratio Lower Upper
83 100
85 60.5 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 50.470 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

Tgt Ion: 65 Resp: 173953
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.2

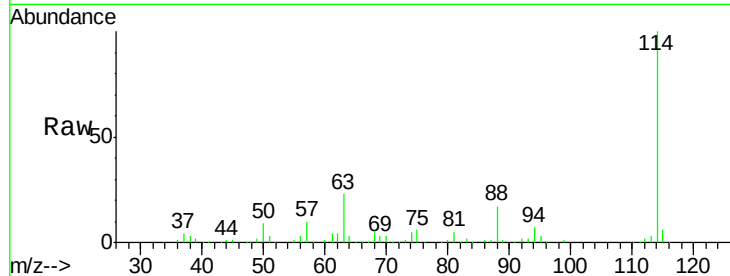




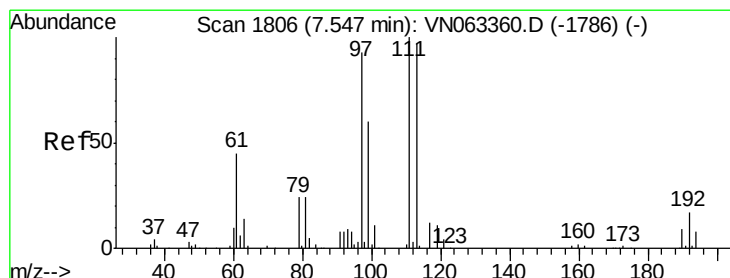
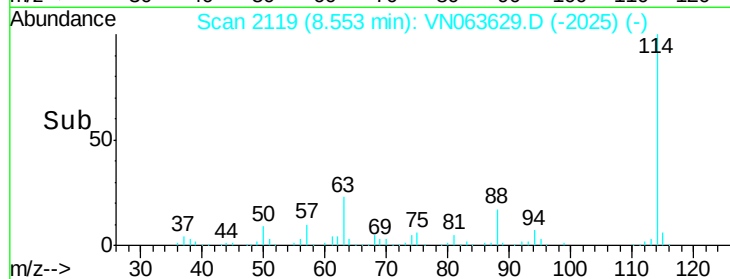
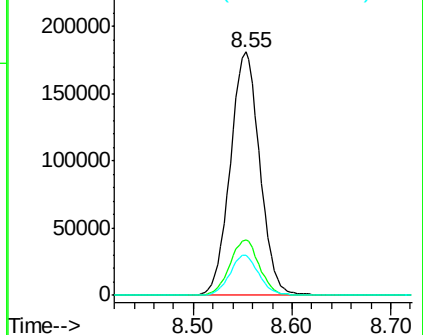
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063629.D
 Acq: 24 Sep 2020 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20200921

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.4
88	16.5	0.0	33.2

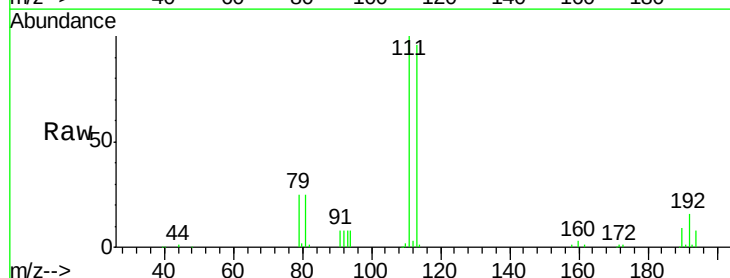


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

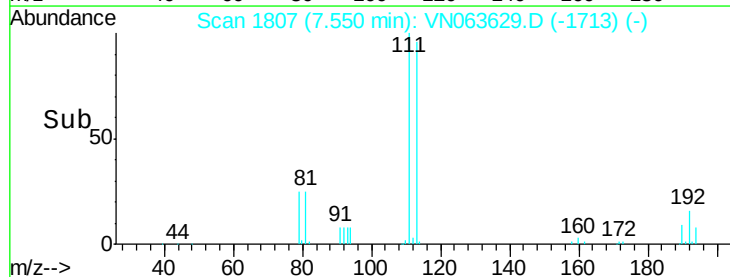
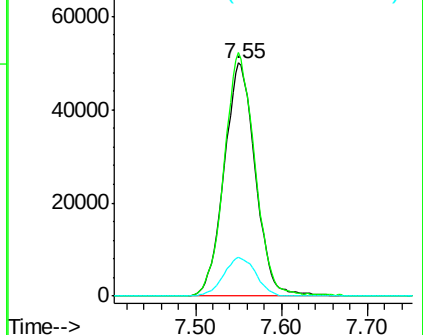


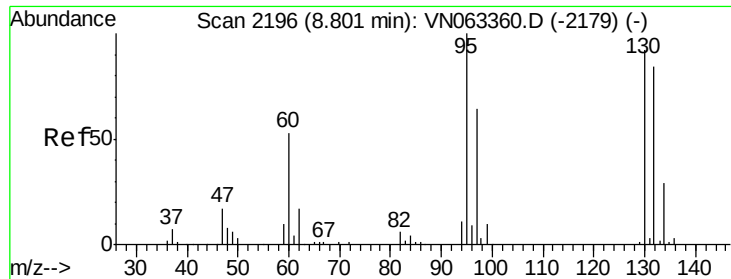
#35
 Dibromofluoromethane
 Concen: 48.235 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063629.D
 Acq: 24 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	17.1	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: 542.932 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063629.D

Acq: 24 Sep 2020 15:28

Instrument :

MSVOA_N

ClientSampleId :

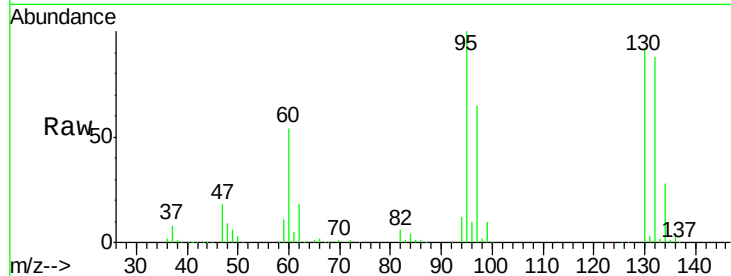
RE103D1-20200921

Tot Ion:130 Resp: 1511835

Ion Ratio Lower Upper

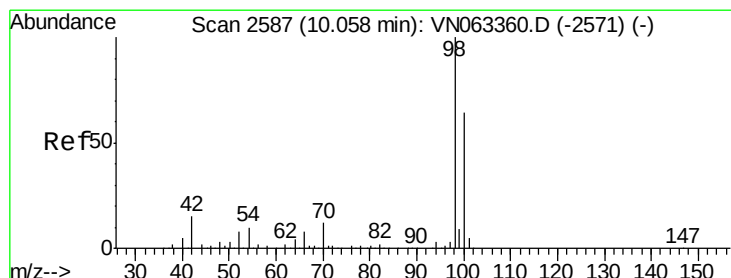
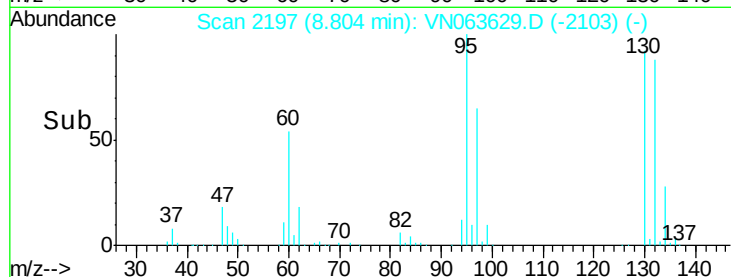
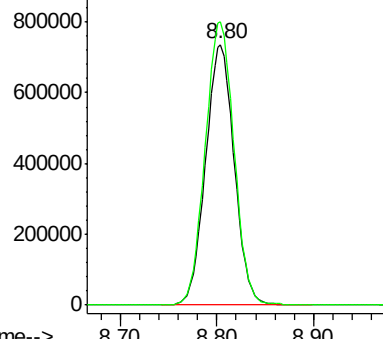
130 100

95 108.5 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 50.072 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063629.D

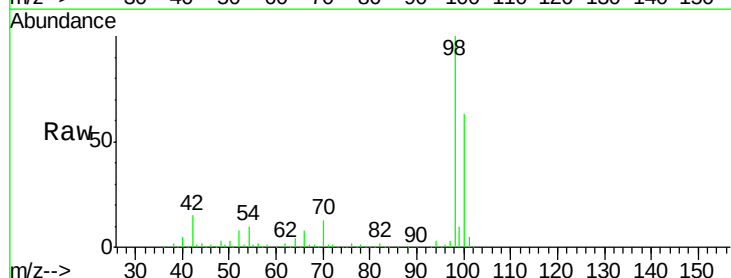
Acq: 24 Sep 2020 15:28

Tgt Ion: 98 Resp: 492049

Ion Ratio Lower Upper

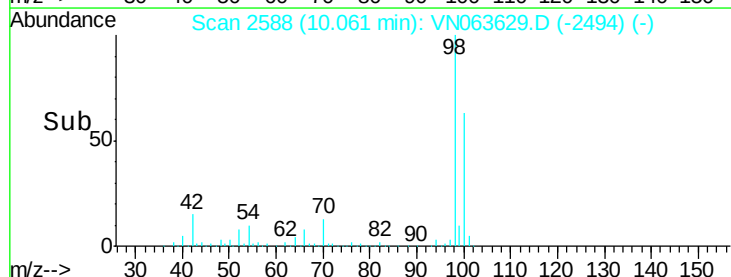
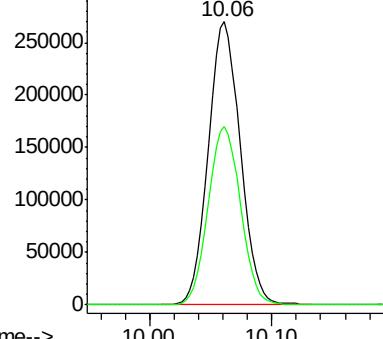
98 100

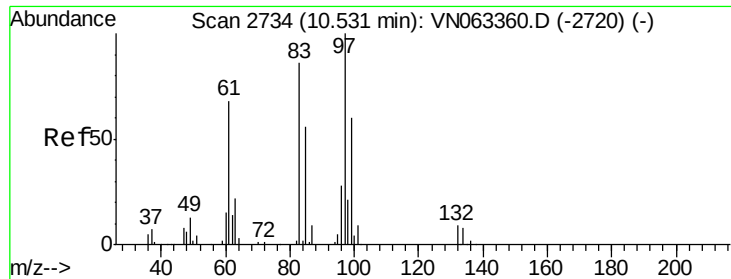
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#55

1,1,2-Trichloroethane

Concen: 0.326 ug/l

RT: 10.54 min Scan# 2736

Delta R.T. 0.01 min

Lab File: VN063629.D

Acq: 24 Sep 2020 15:28

Instrument :

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Tot Ion: 97 Resp: 893

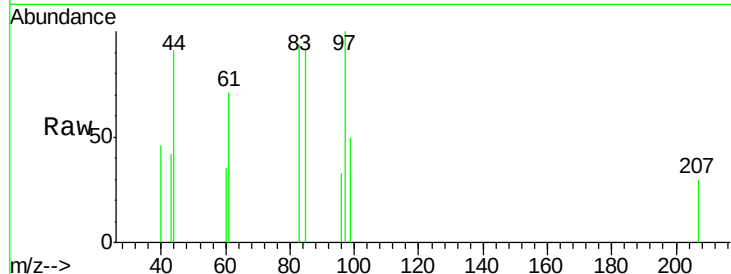
Ion Ratio Lower Upper

97 100

83 93.9 68.9 103.3

85 90.7 44.8 67.2#

99 49.9 47.8 71.8

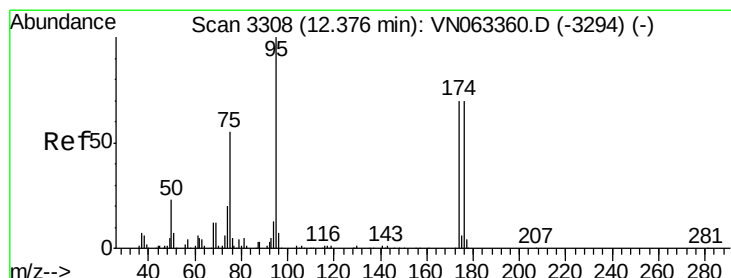
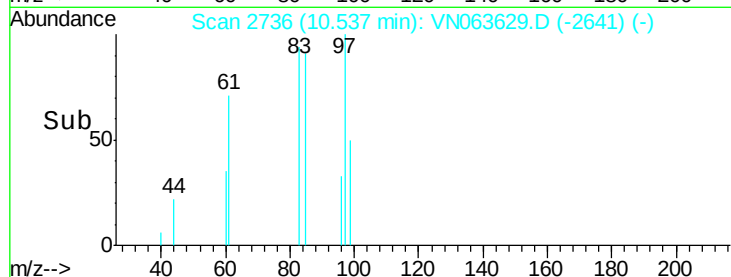
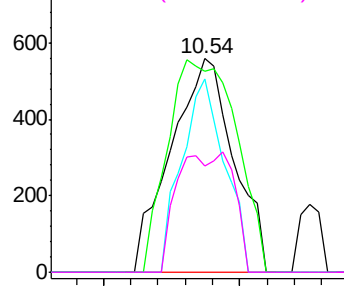


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#62

4-Bromofluorobenzene

Concen: 52.651 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063629.D

Acq: 24 Sep 2020 15:28

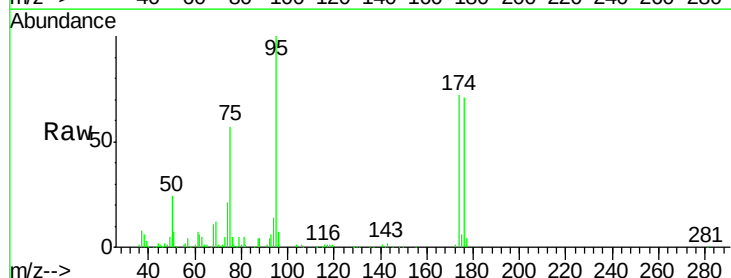
Tgt Ion: 95 Resp: 189664

Ion Ratio Lower Upper

95 100

174 72.9 0.0 140.8

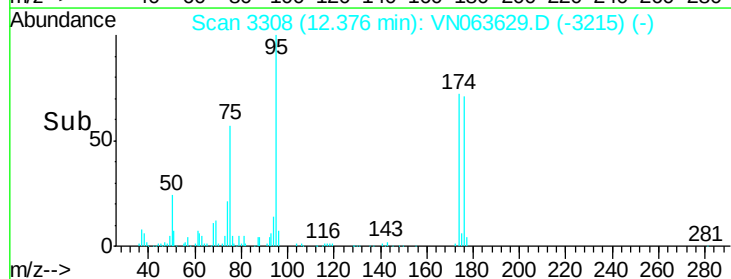
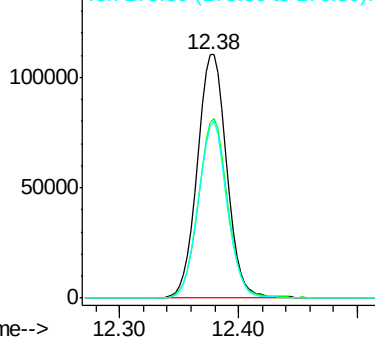
176 71.1 0.0 137.6

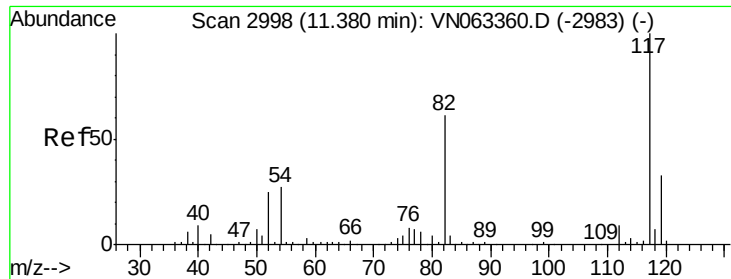


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

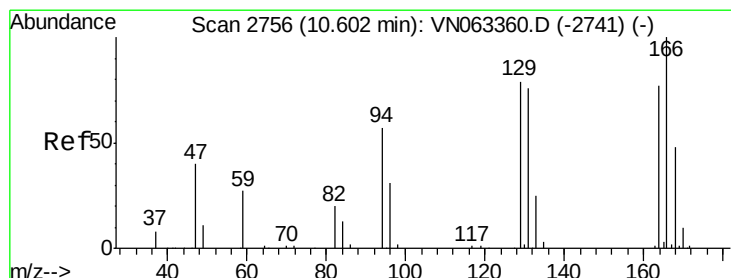
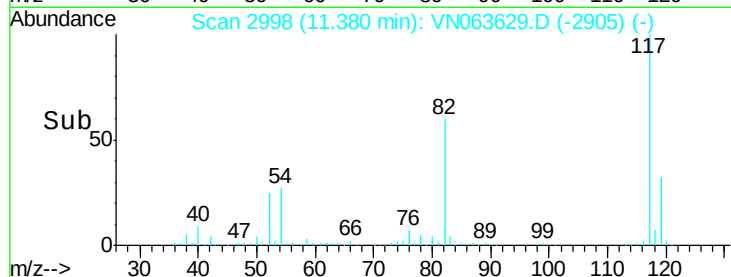
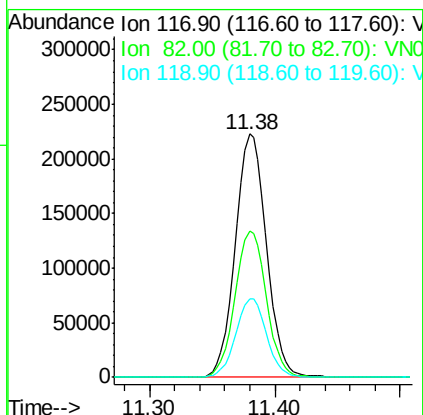
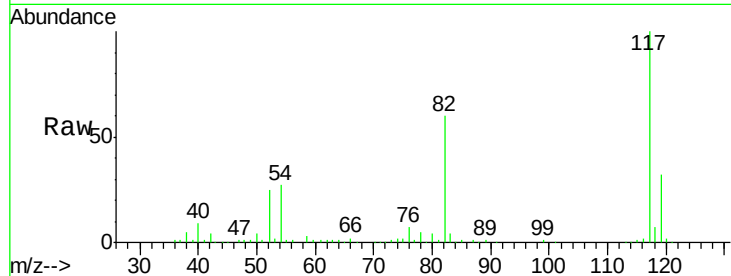




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

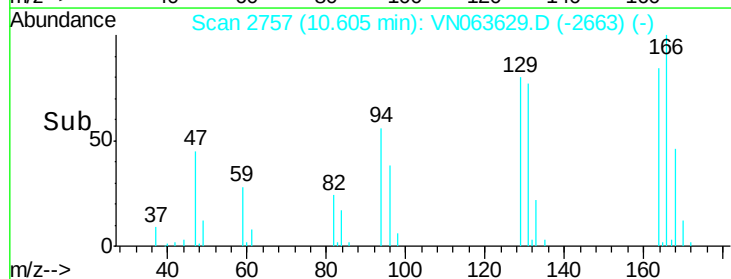
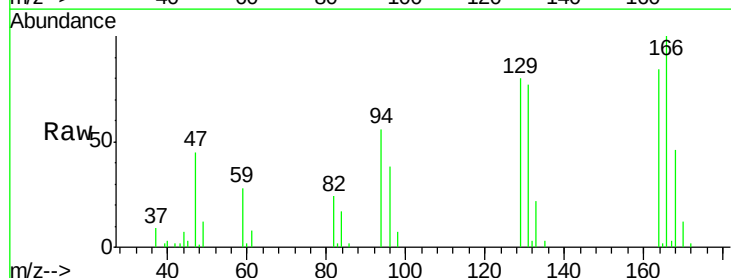
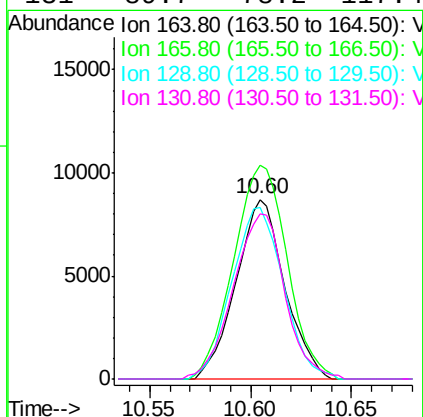
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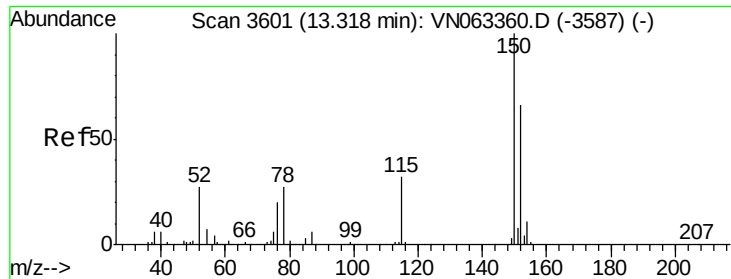
Tot Ion:117 Resp: 385205
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 5.609 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063629.D
Acq: 24 Sep 2020 15:28

Tgt Ion:164 Resp: 14713
Ion Ratio Lower Upper
164 100
166 118.8 103.4 155.0
129 95.6 81.8 122.6
131 89.7 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: VN063629.D

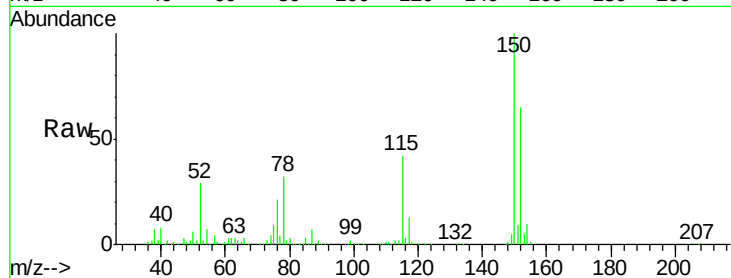
Acq: 24 Sep 2020 15:28

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20200921



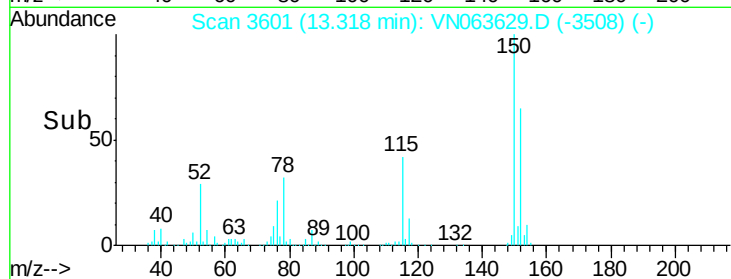
Tot Ion:152 Resp: 162712

Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

150 156.8 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

