

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063692.D
 Acq On : 25 Sep 2020 20:42
 Operator : JC/MD
 Sample : L4133-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1D

Quant Time: Sep 28 03:19:26 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

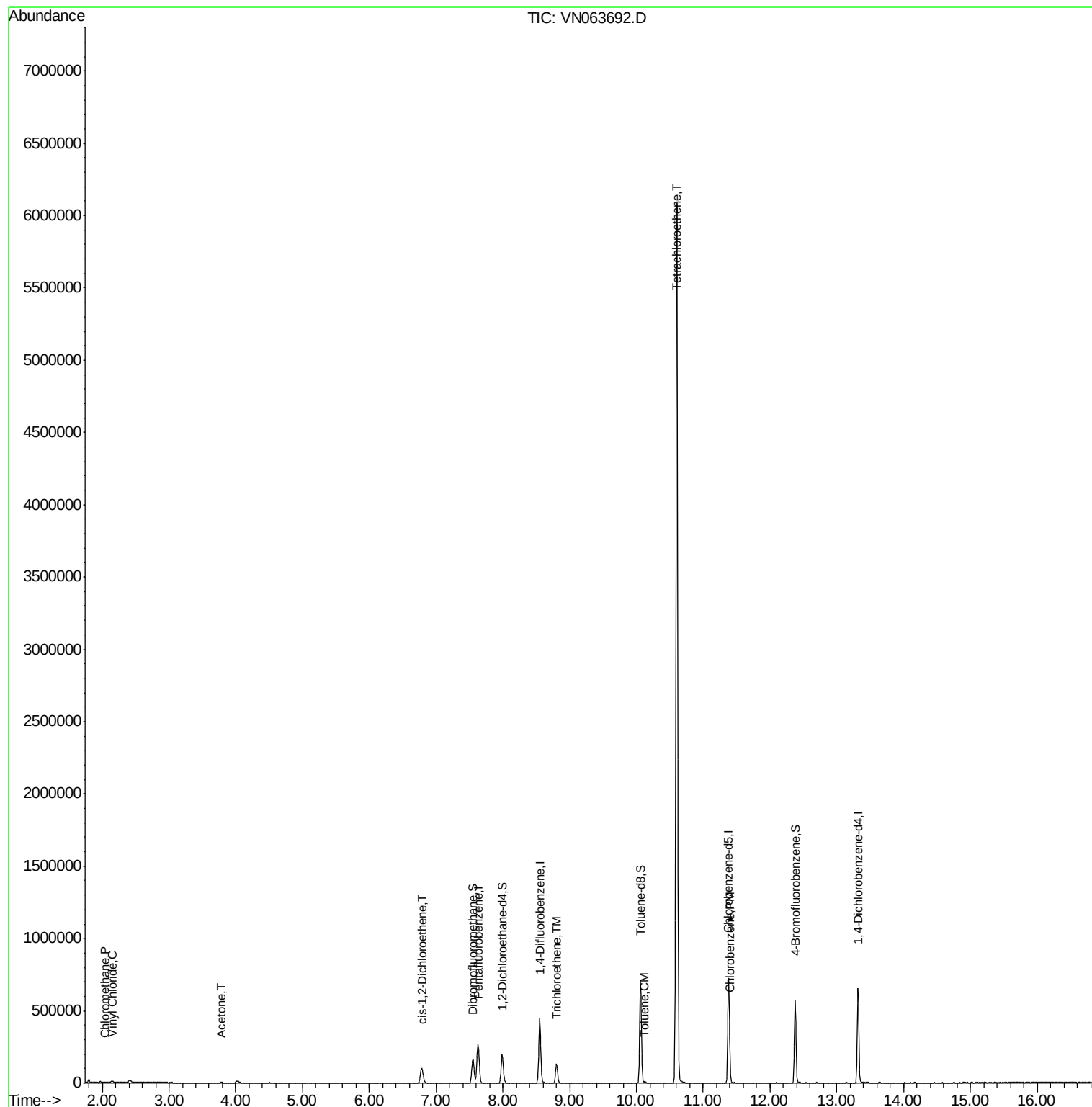
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	384016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171415	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.55	113	124043	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.06	98	471984	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	187063	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	2070	0.700	ug/l	91
4) Vinyl Chloride	2.16	62	1417	0.541	ug/l #	59
16) Acetone	3.78	43	7941	7.359	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	61402	21.999	ug/l	90
44) Trichloroethene	8.80	130	43368	16.066	ug/l	99
52) Toluene	10.13	92	2458	0.367	ug/l	98
64) Tetrachloroethene	10.60	164	1246373	476.648	ug/l	99
65) Chlorobenzene	11.41	112	2096	0.257	ug/l	90

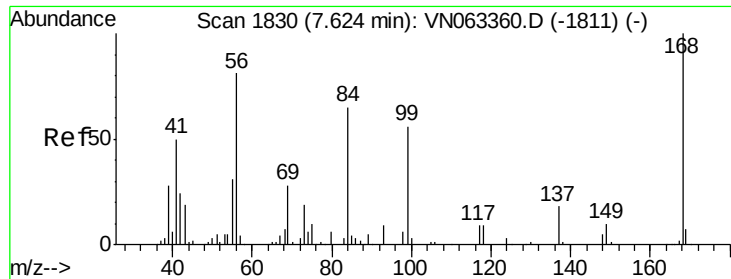
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

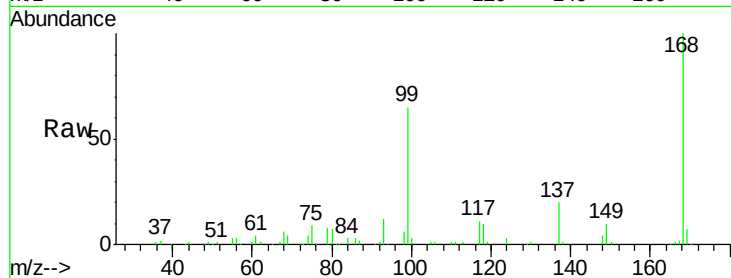
MW1D

Tot Ion:168 Resp: 197235

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

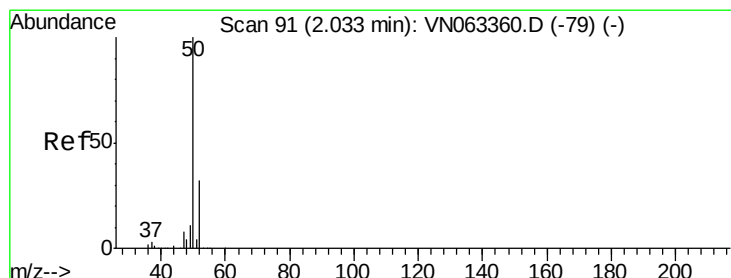
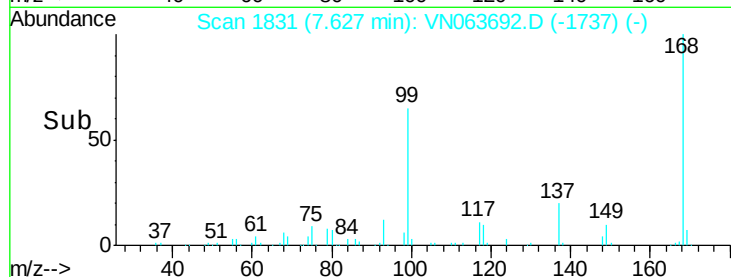
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.700 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063692.D

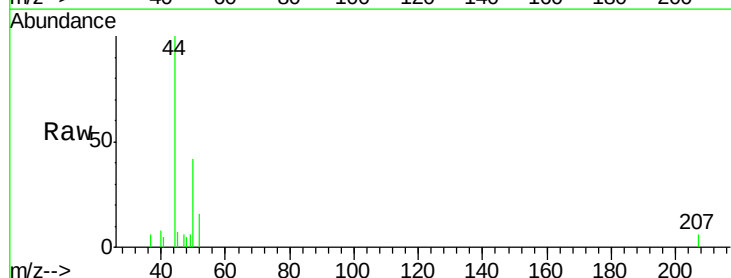
Acq: 25 Sep 2020 20:42

Tgt Ion: 50 Resp: 2070

Ion Ratio Lower Upper

50 100

52 37.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

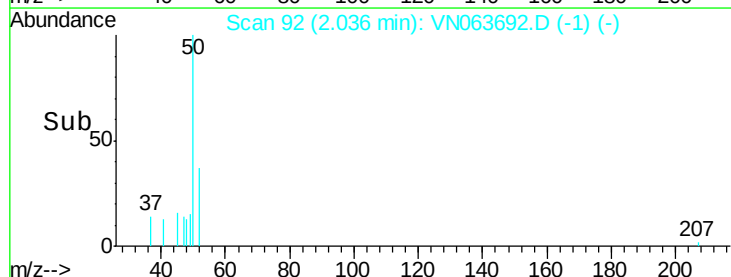
1500

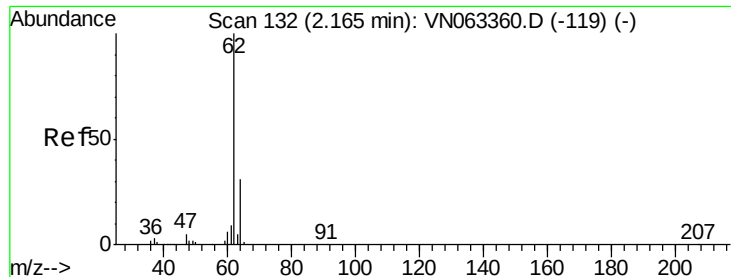
1000

500

0

Time--> 2.00 2.05





#4

Vinyl Chloride

Concen: 0.541 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleID :

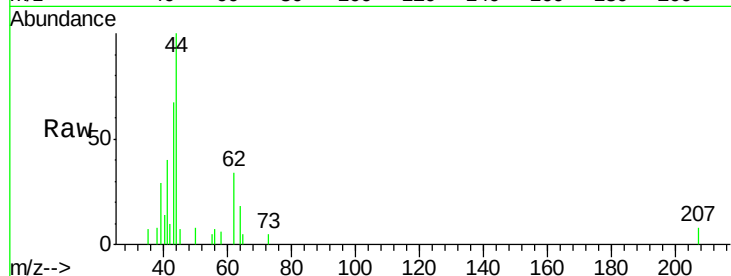
MW1D

Tot Ion: 62 Resp: 1417

Ion Ratio Lower Upper

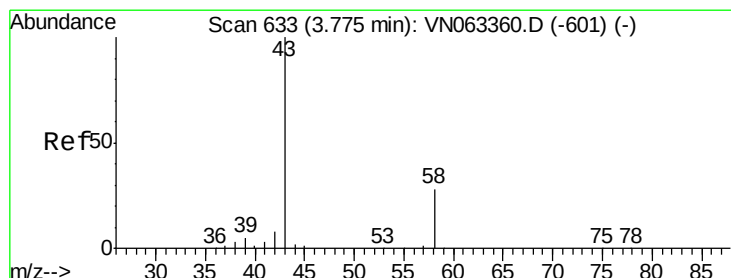
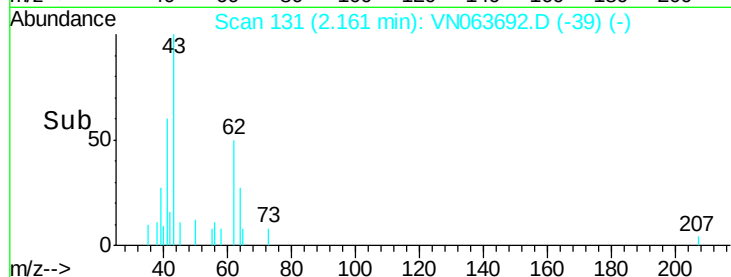
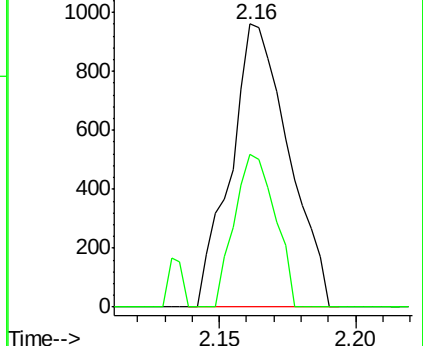
62 100

64 53.8 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#16

Acetone

Concen: 7.359 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063692.D

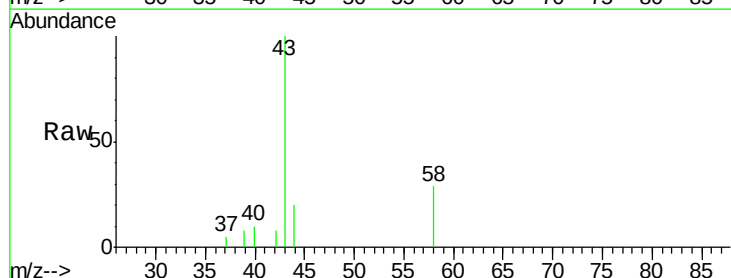
Acq: 25 Sep 2020 20:42

Tgt Ion: 43 Resp: 7941

Ion Ratio Lower Upper

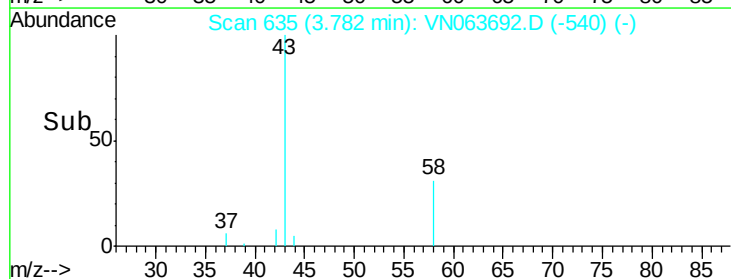
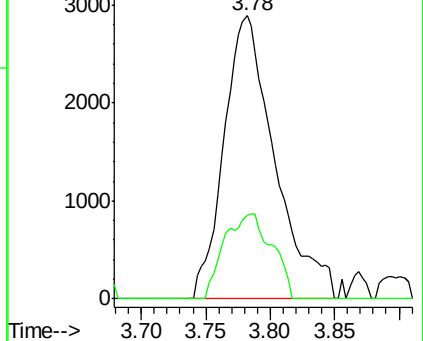
43 100

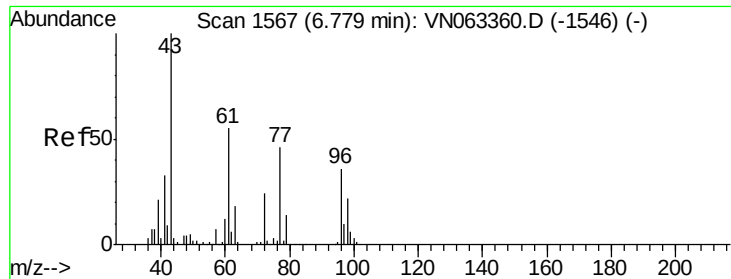
58 29.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.999 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

MW1D

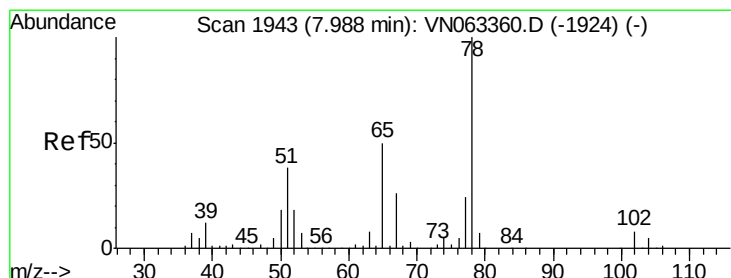
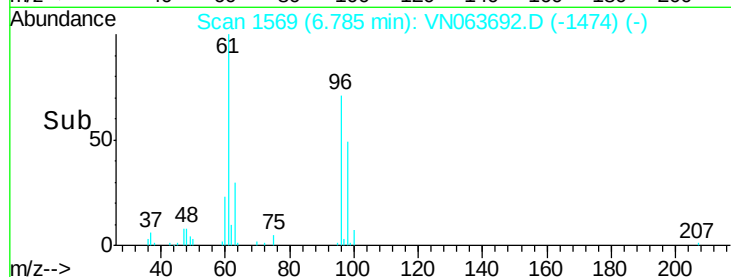
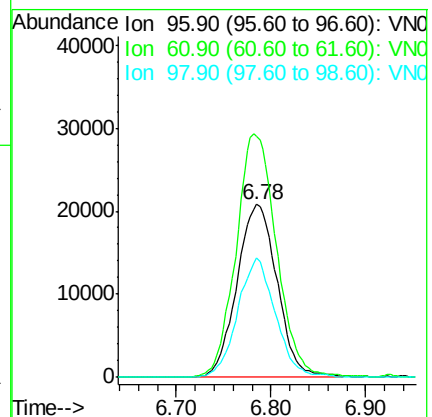
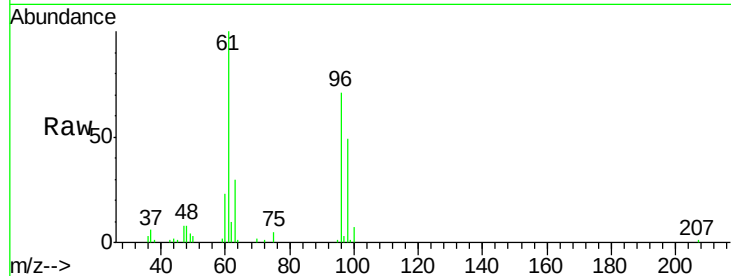
Tot Ion: 96 Resp: 61402

Ion Ratio Lower Upper

96 100

61 142.1 0.0 319.6

98 64.4 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.055 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063692.D

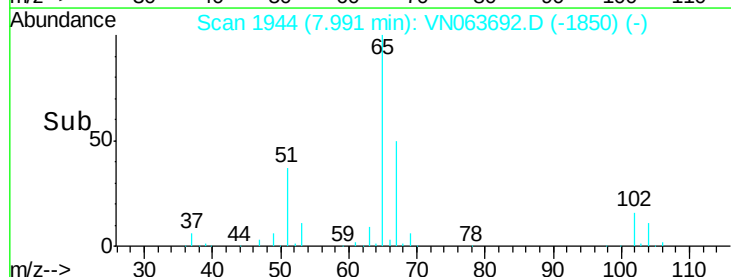
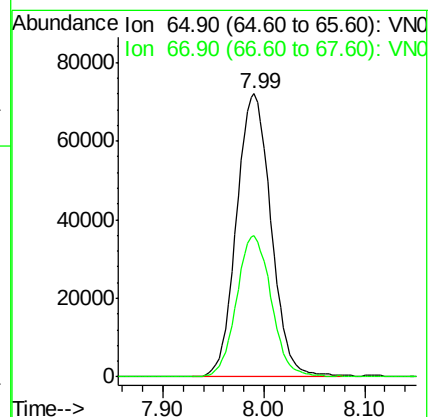
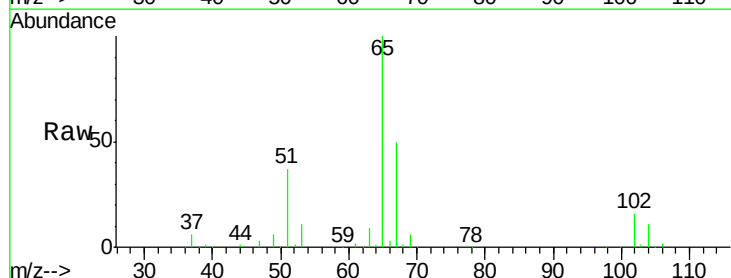
Acq: 25 Sep 2020 20:42

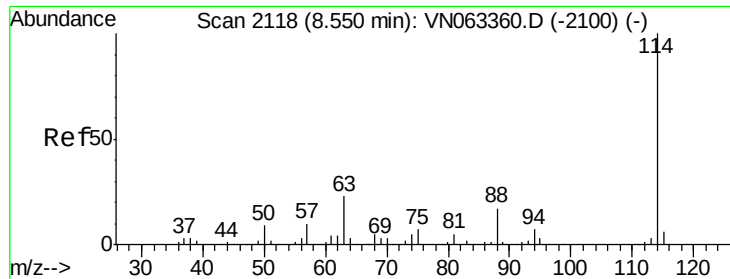
Tgt Ion: 65 Resp: 171415

Ion Ratio Lower Upper

65 100

67 50.1 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: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

MW1D

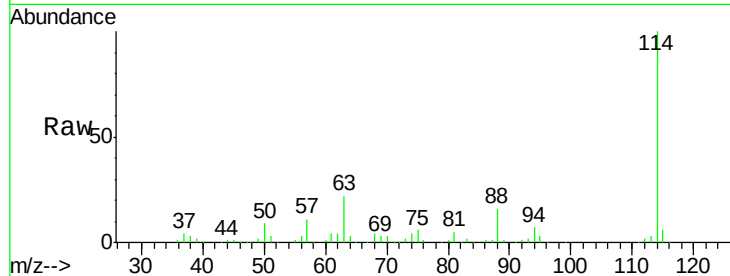
Tot Ion:114 Resp: 365951

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.4

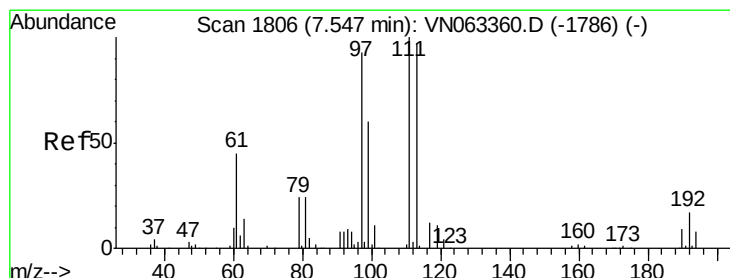
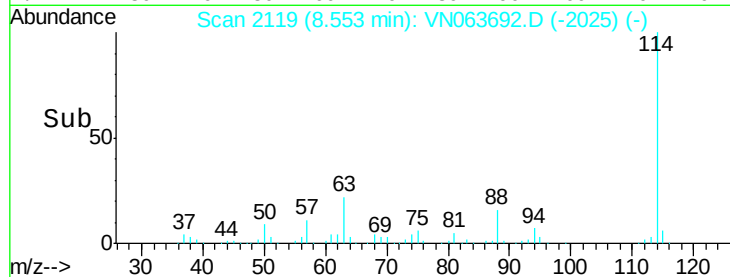
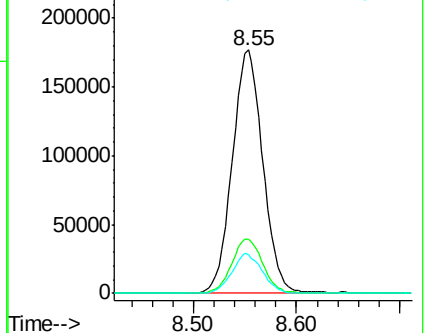
88 15.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

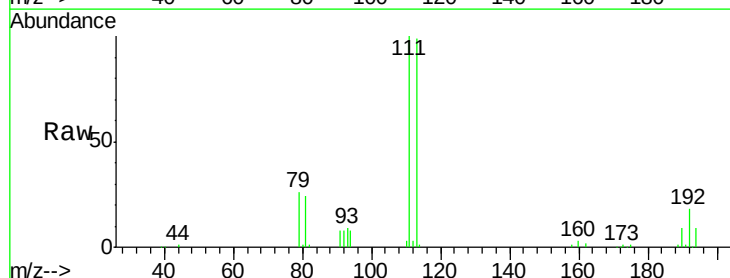
Tgt Ion:113 Resp: 124043

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

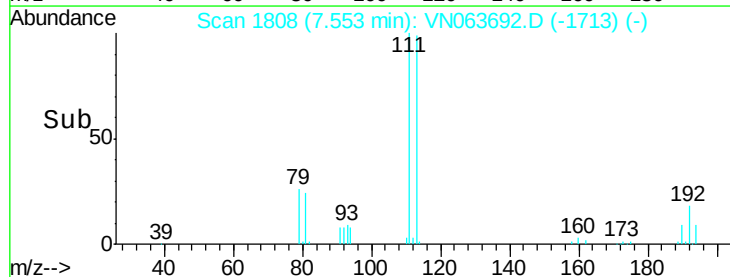
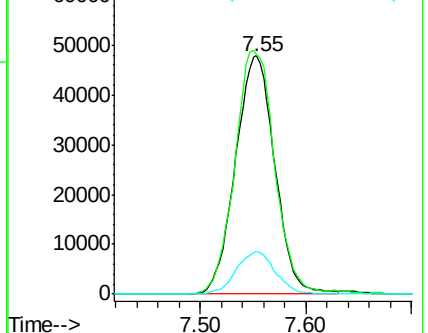
192 17.7 13.9 20.9

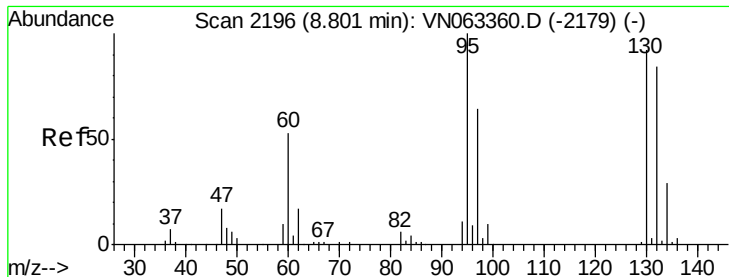


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.066 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

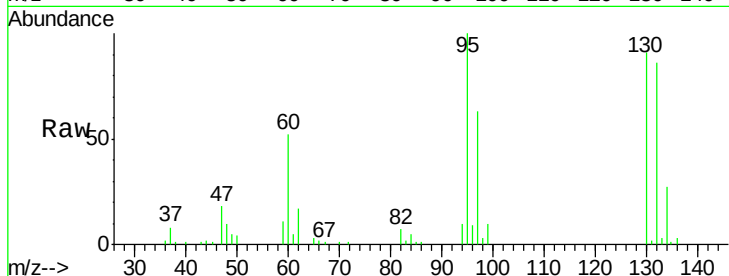
MW1D

Tot Ion:130 Resp: 43368

Ion Ratio Lower Upper

130 100

95 109.4 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

25000

20000

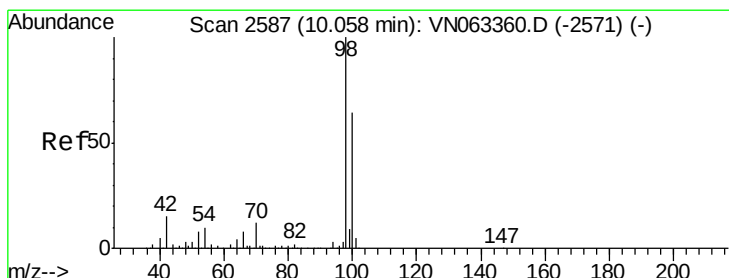
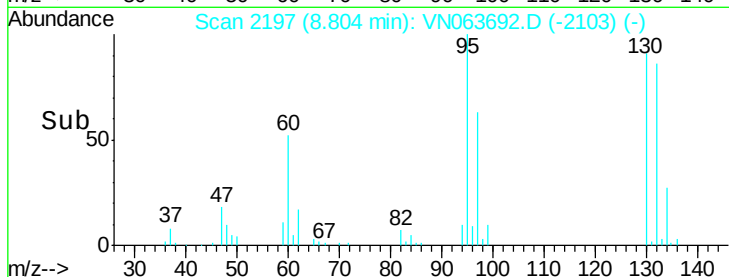
15000

10000

5000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 49.547 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063692.D

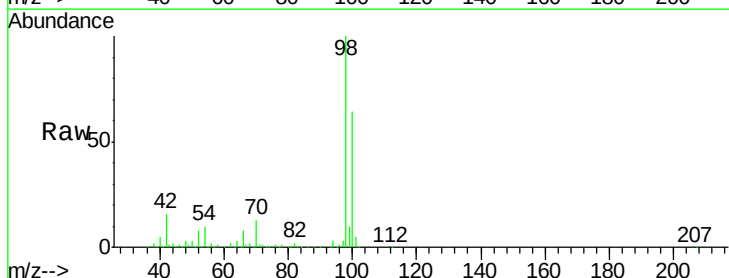
Acq: 25 Sep 2020 20:42

Tgt Ion: 98 Resp: 471984

Ion Ratio Lower Upper

98 100

100 62.9 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

250000

200000

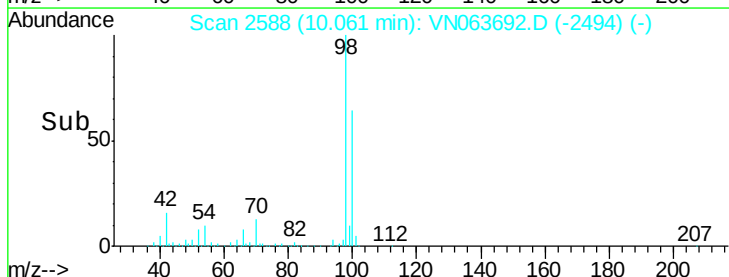
150000

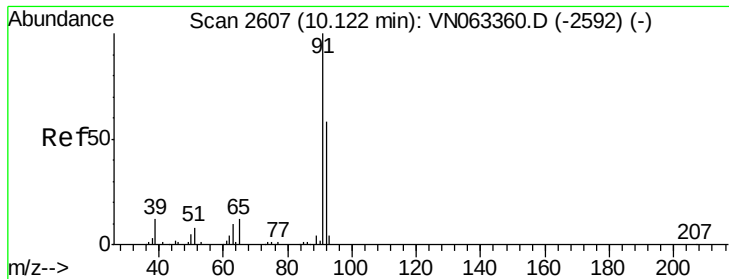
100000

50000

0

Time--> 10.00 10.10 10.20





#52

Toluene

Concen: 0.367 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

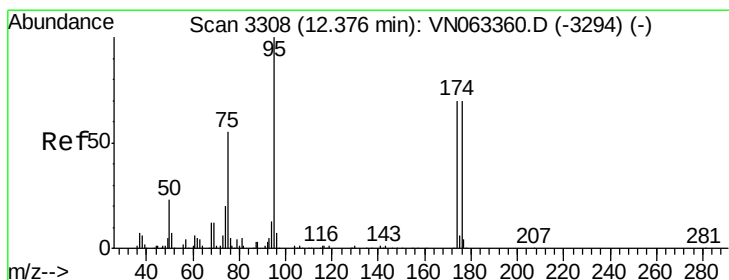
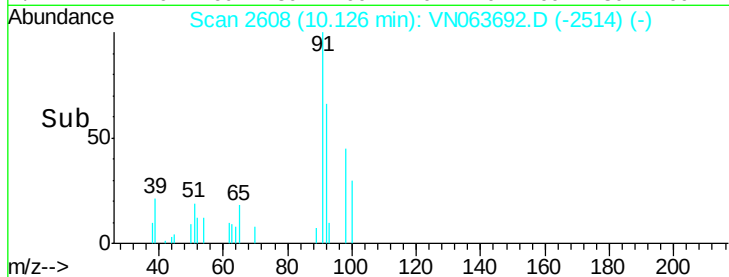
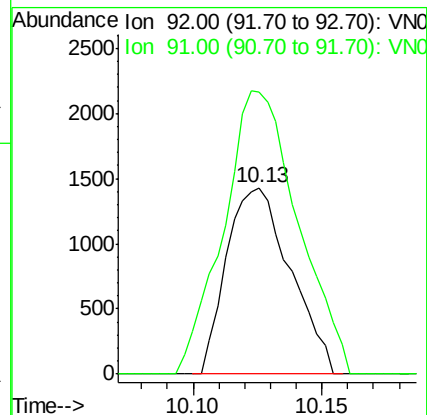
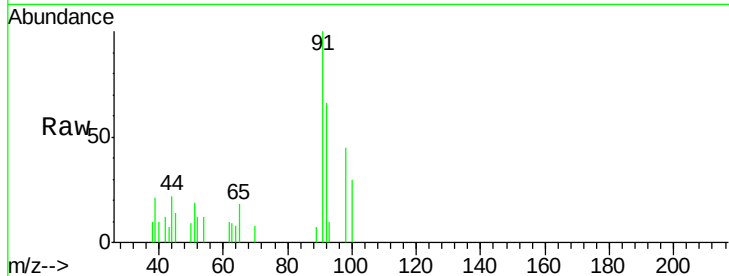
MW1D

Tot Ion: 92 Resp: 2458

Ion Ratio Lower Upper

92 100

91 178.0 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 53.568 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063692.D

Acq: 25 Sep 2020 20:42

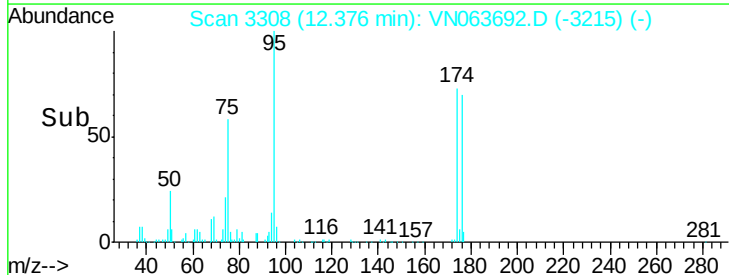
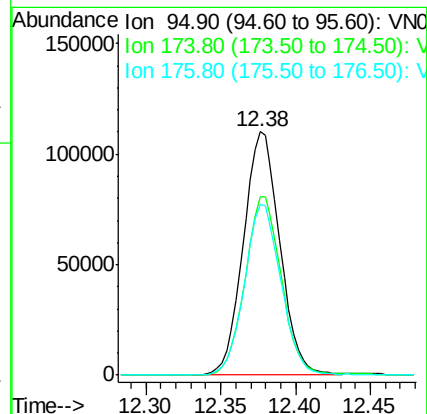
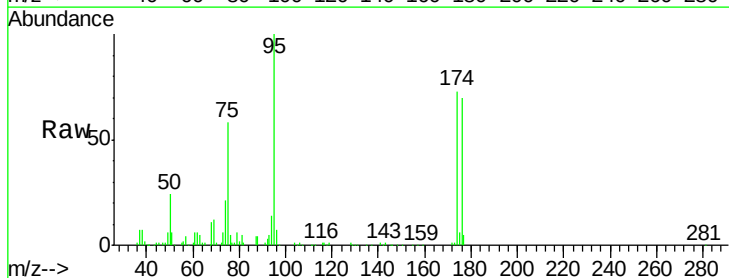
Tgt Ion: 95 Resp: 187063

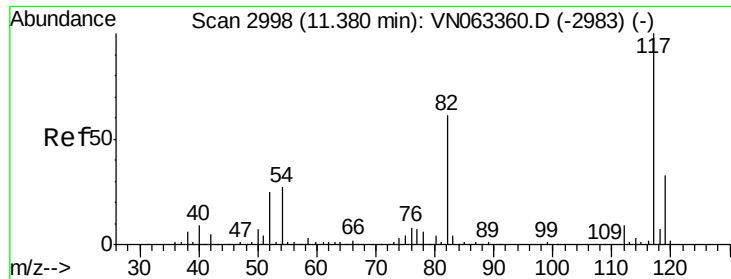
Ion Ratio Lower Upper

95 100

174 72.9 0.0 140.8

176 70.1 0.0 137.6

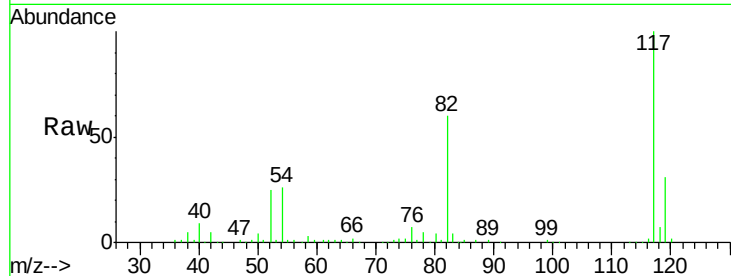




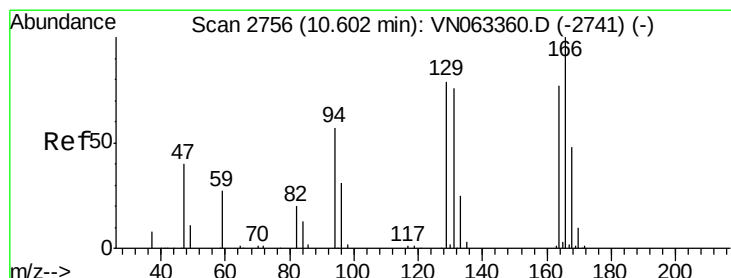
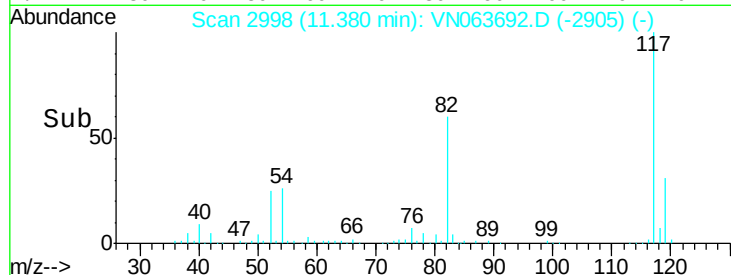
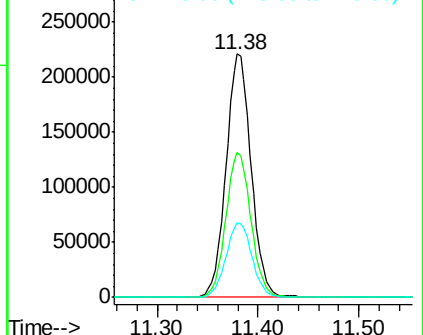
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063692.D
Acq: 25 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampled :
MW1D

Tot Ion:117 Resp: 384016
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 30.6 26.2 39.4

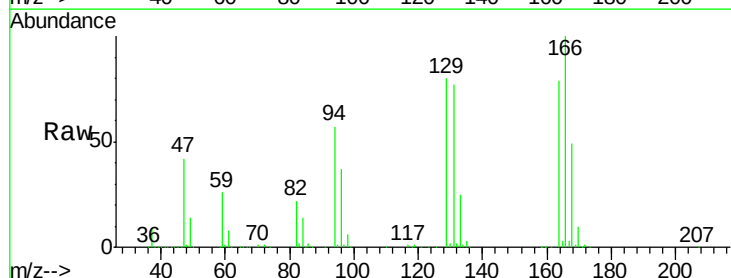


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

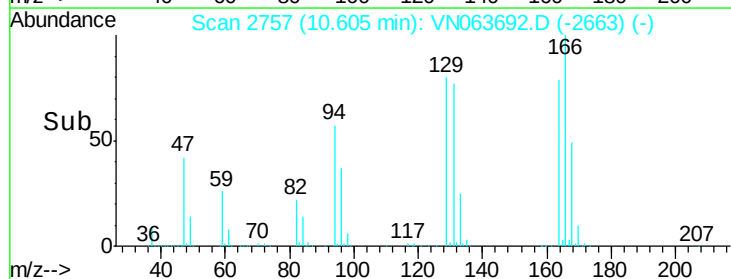
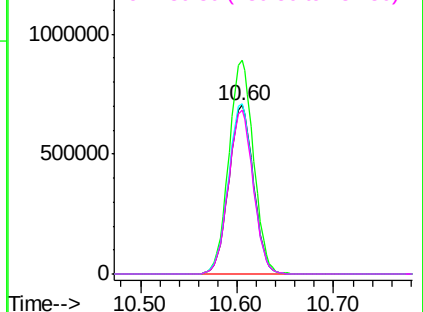


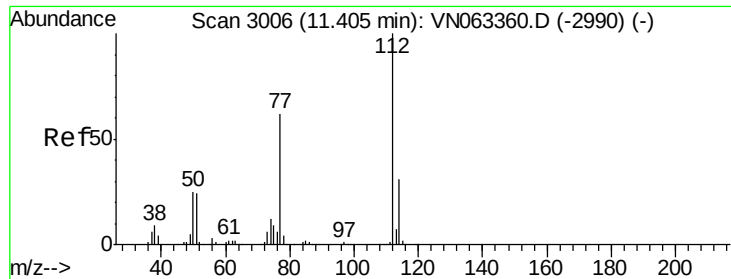
#64
Tetrachloroethene
Concen: 476.648 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063692.D
Acq: 25 Sep 2020 20:42

Tgt Ion:164 Resp: 1246373
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.0
129 100.9 81.8 122.6
131 97.1 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

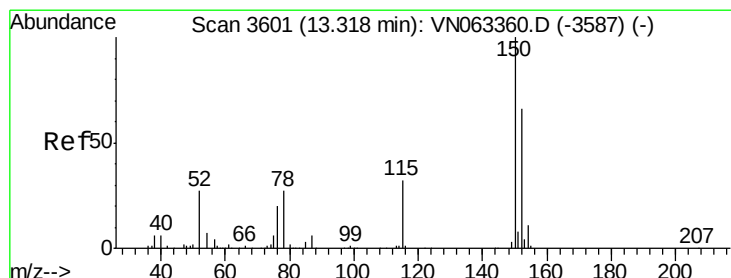
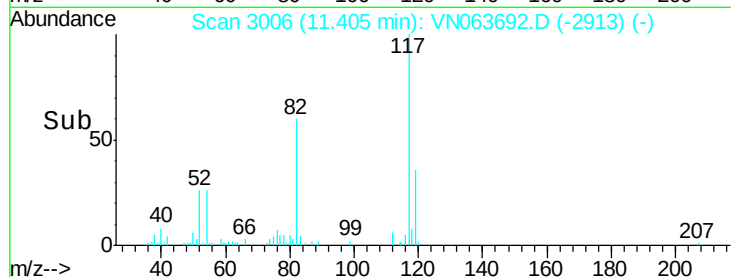
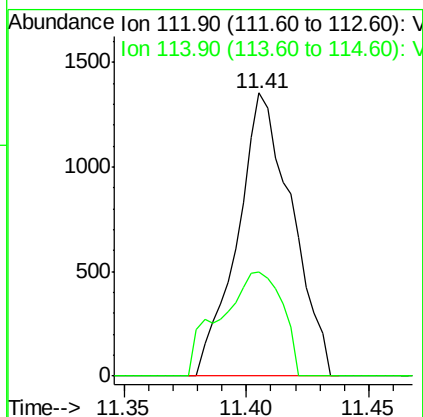
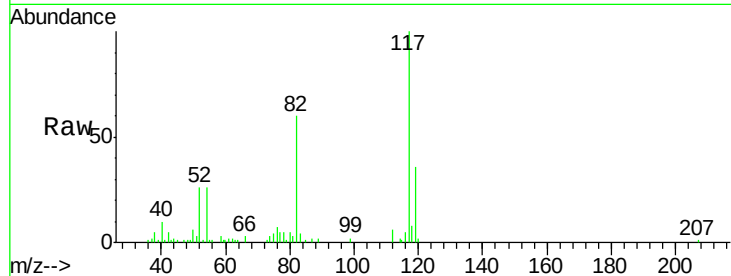




#65
Chlorobenzene
Concen: 0.257 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063692.D
Acq: 25 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
MW1D

Tot Ion:112 Resp: 2096
Ion Ratio Lower Upper
112 100
114 36.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063692.D
Acq: 25 Sep 2020 20:42

Tgt Ion:152 Resp: 161204
Ion Ratio Lower Upper
152 100
115 61.5 32.2 96.6
150 155.0 0.0 343.4

