

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063558.D
 Acq On : 23 Sep 2020 2:27
 Operator : JC/MD
 Sample : PB131779TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779TB

Quant Time: Sep 23 05:52:10 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	211029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168275	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	176275	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.55	113	127421	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	10.06	98	500139	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	196583	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	

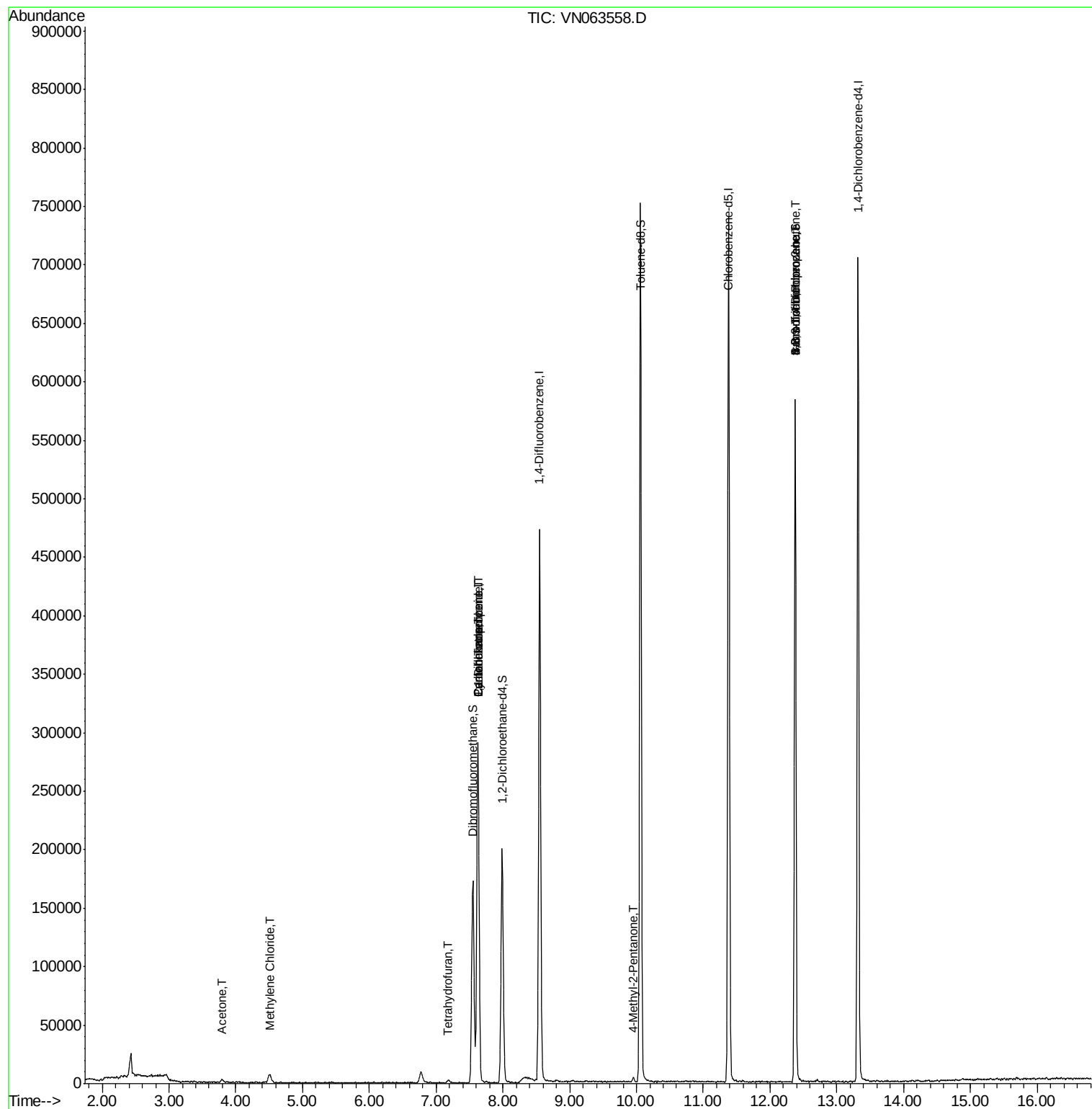
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3967	3.436	ug/l #	87
20) Methylene Chloride	4.50	84	5471	1.870	ug/l #	82
29) Tetrahydrofuran	7.17	42	486	0.401	ug/l #	57
31) Cyclohexane	7.63	56	5995	1.208	ug/l #	11
36) 1,1-Dichloropropene	7.62	75	19103	4.552	ug/l #	48
38) Carbon Tetrachloride	7.63	117	23273	5.432	ug/l #	17
51) 4-Methyl-2-Pentanone	9.96	43	2999	0.727	ug/l #	80
71) Bromoform	12.37	173	1186	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	109878	26.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	109878	72.327	ug/l #	7

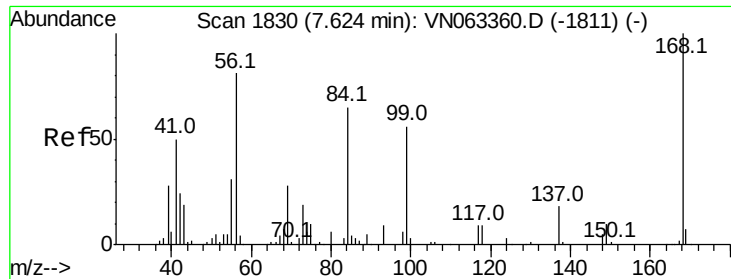
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Instrument :
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Quant Time: Sep 23 05:52:10 2020
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: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

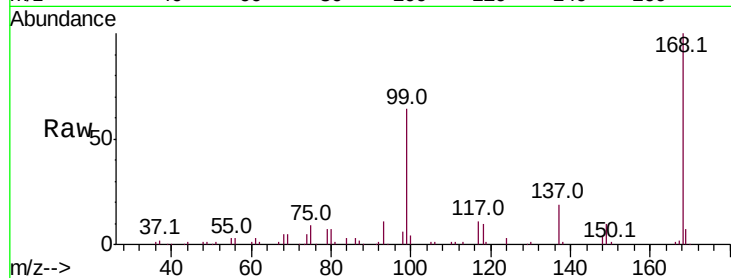
PB131779TB

Tot Ion:168 Resp: 211029

Ion Ratio Lower Upper

168 100

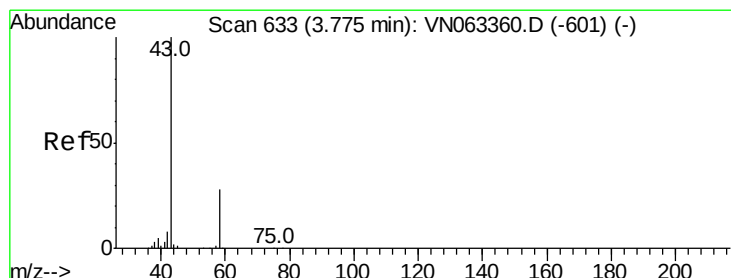
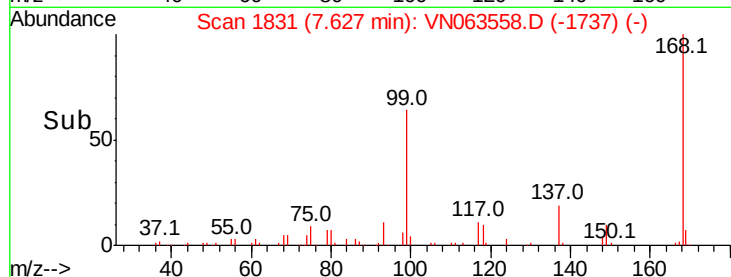
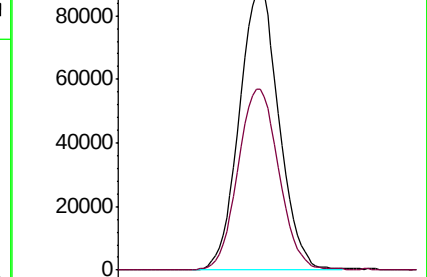
99 63.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

7.63



#16

Acetone

Concen: 3.436 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063558.D

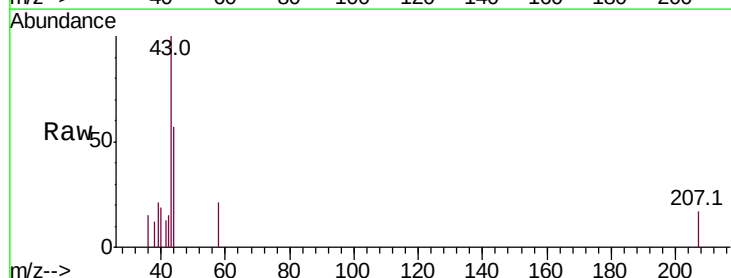
Acq: 23 Sep 2020 2:27

Tgt Ion: 43 Resp: 3967

Ion Ratio Lower Upper

43 100

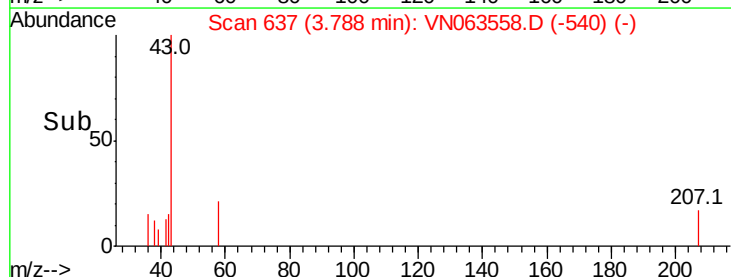
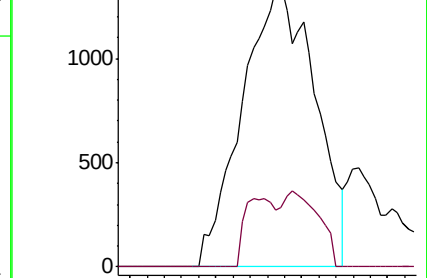
58 21.0 22.3 33.5#

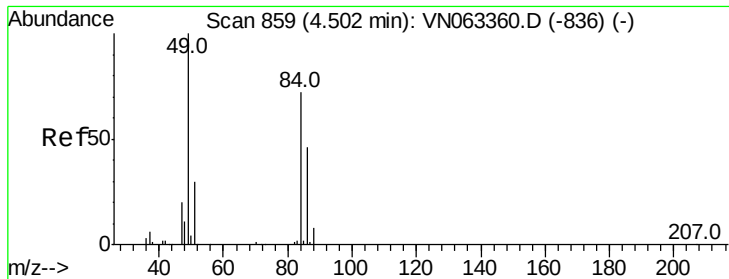


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.79

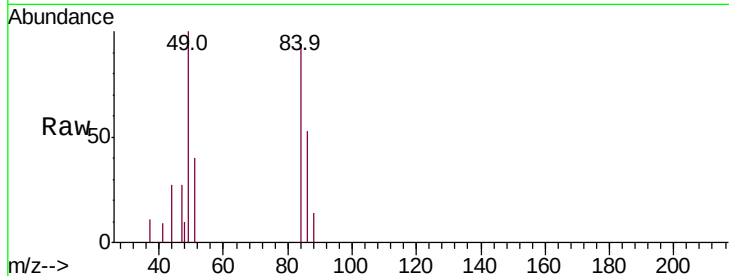




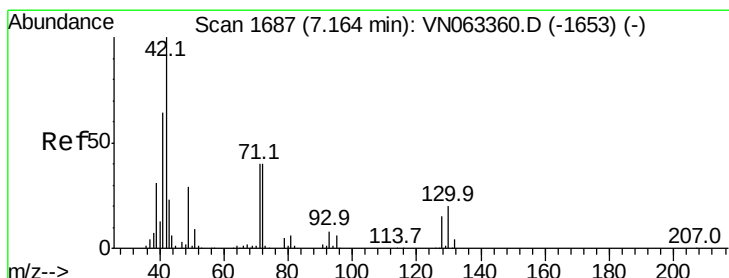
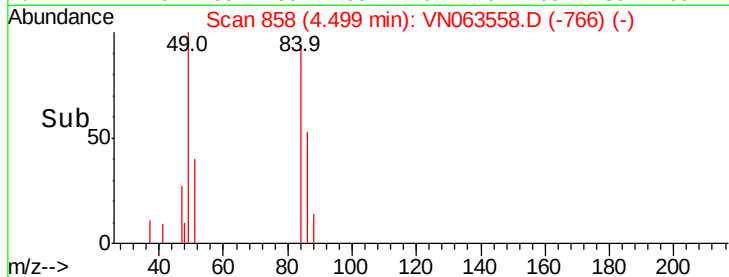
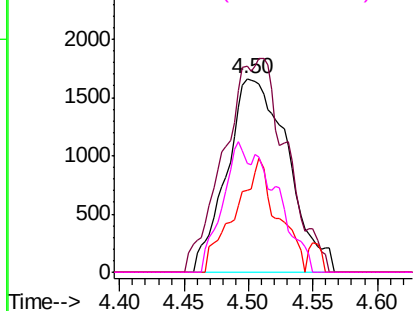
#20
Methvlene Chloride
Concen: 1.870 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Instrument :
MSVOA_N
ClientSampled :
PB131779TB

Tot Ion:	84	Resp:	5471
Ion	Ratio	Lower	Upper
84	100		
49	106.5	110.7	166.1#
51	42.2	32.9	49.3
86	56.1	51.1	76.7

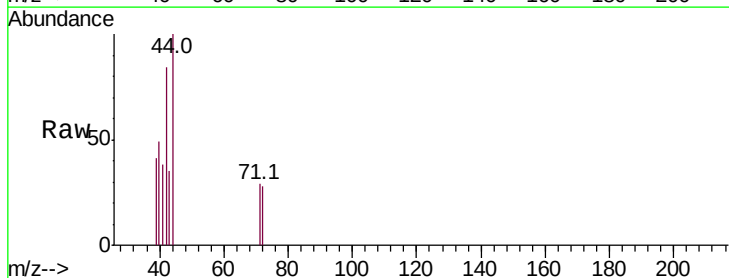


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

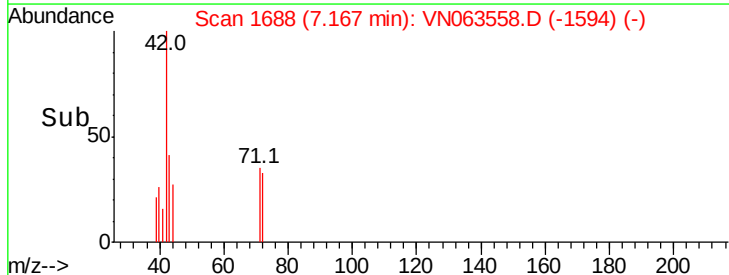
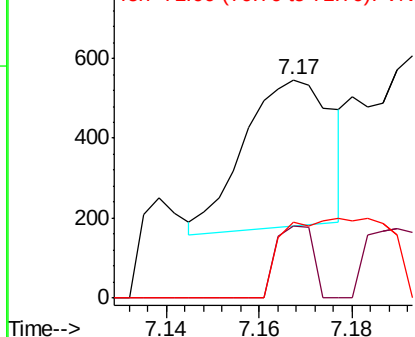


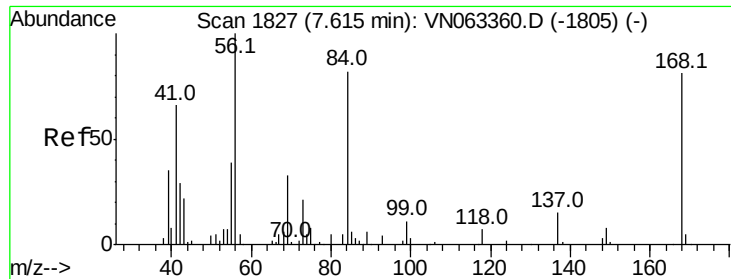
#29
Tetrahydrofuran
Concen: 0.401 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Tgt Ion:	42	Resp:	486
Ion	Ratio	Lower	Upper
42	100		
72	20.2	32.1	48.1#
71	72.2	31.2	46.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

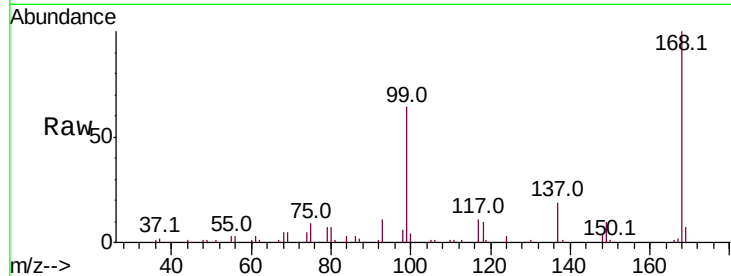




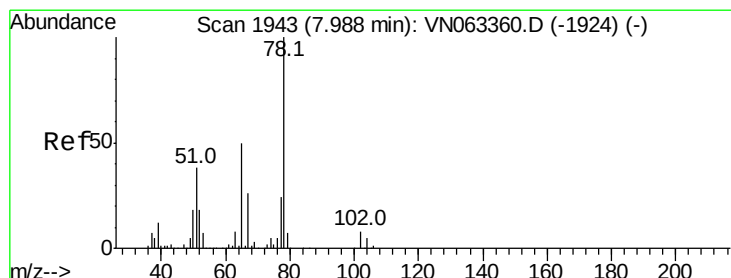
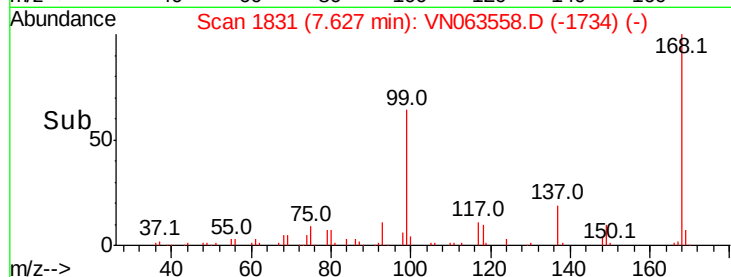
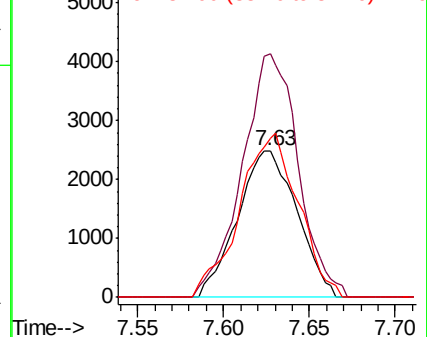
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Instrument :
MSVOA_N
ClientSampled :
PB131779TB

Tot Ion: 56 Resp: 5995
Ion Ratio Lower Upper
56 100
69 166.0 26.1 39.1#
84 108.9 65.4 98.2#

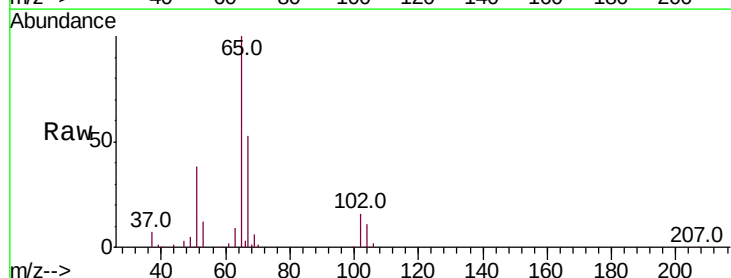


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

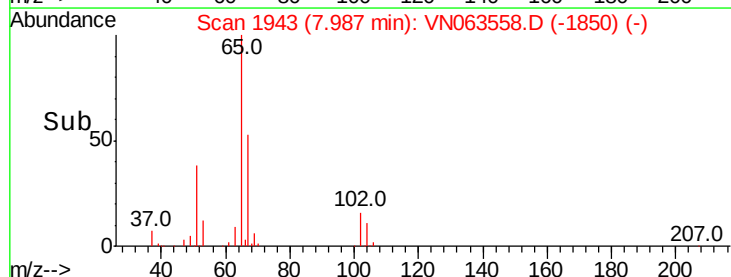
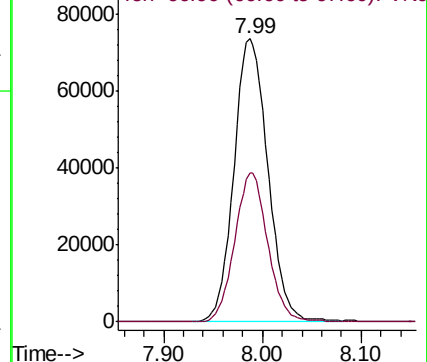


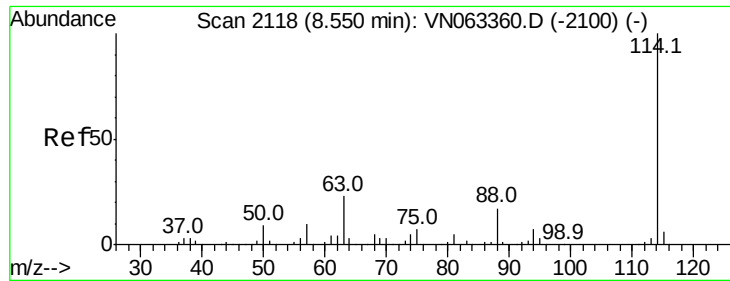
#33
1,2-Dichloroethane-d4
Concen: 49.071 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063558.D
Acq: 23 Sep 2020 2:27

Tgt Ion: 65 Resp: 176275
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

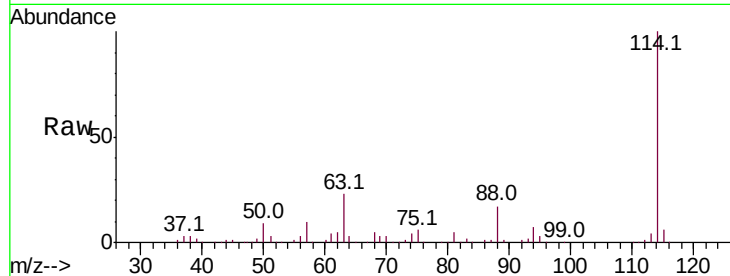




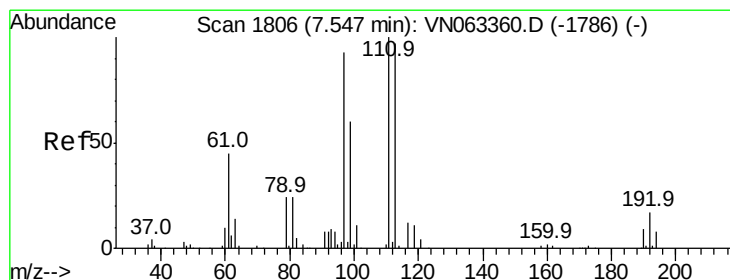
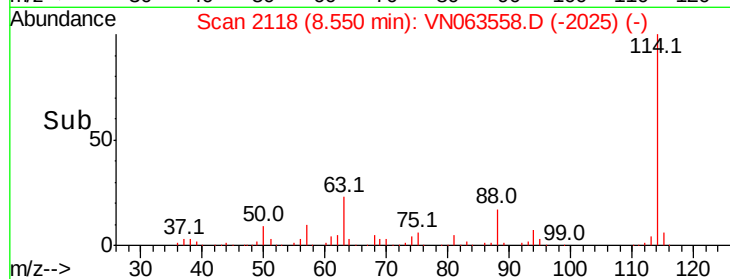
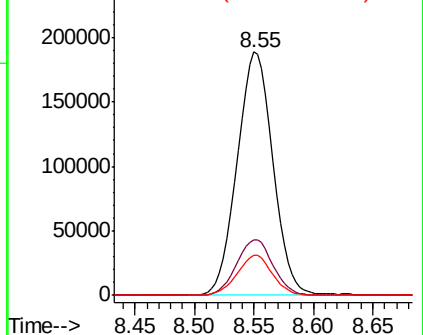
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063558.D
 Acq: 23 Sep 2020 2:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	46.4
88	16.5	0.0	33.2

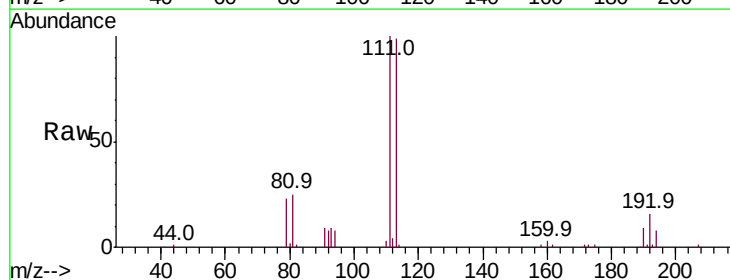


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

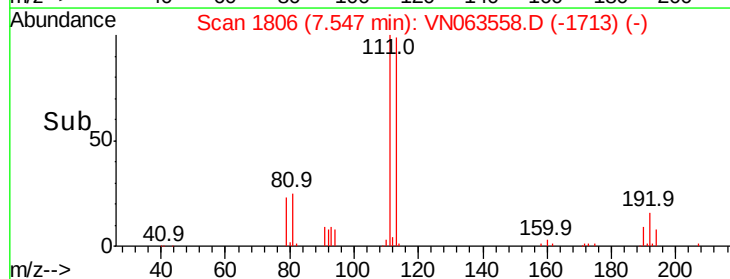
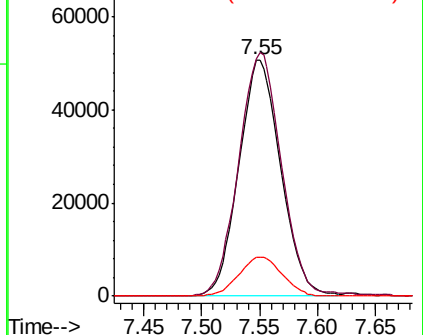


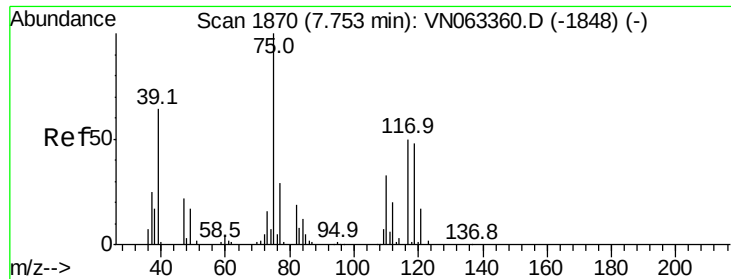
#35
 Dibromofluoromethane
 Concen: 46.722 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063558.D
 Acq: 23 Sep 2020 2:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	17.0	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





#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampled :

PB131779TB

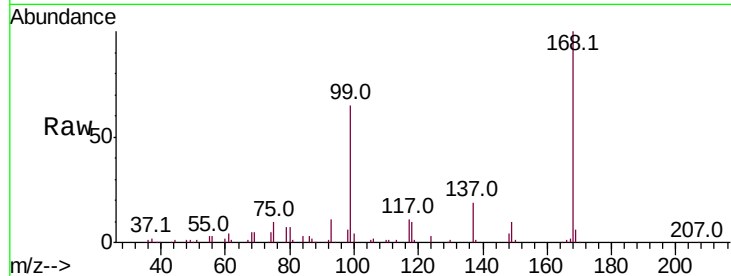
Tot Ion: 75 Resp: 19103

Ion Ratio Lower Upper

75 100

110 6.1 16.5 49.5#

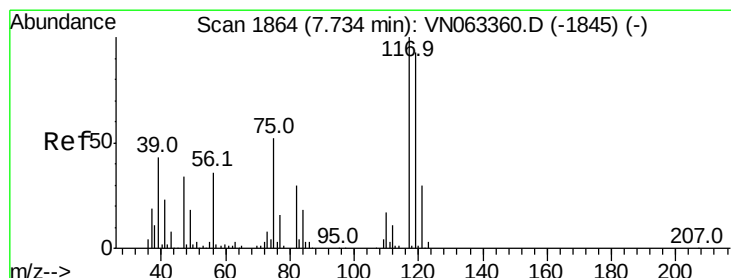
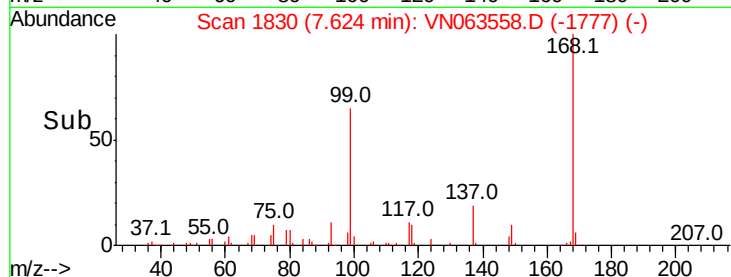
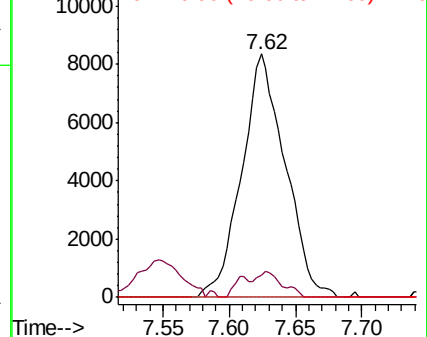
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)



#38

Carbon Tetrachloride

Concen: 5.432 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

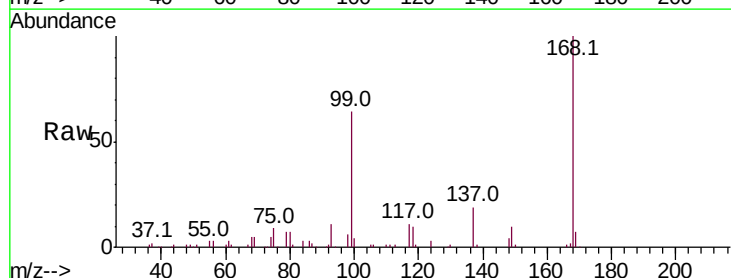
Tgt Ion: 117 Resp: 23273

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

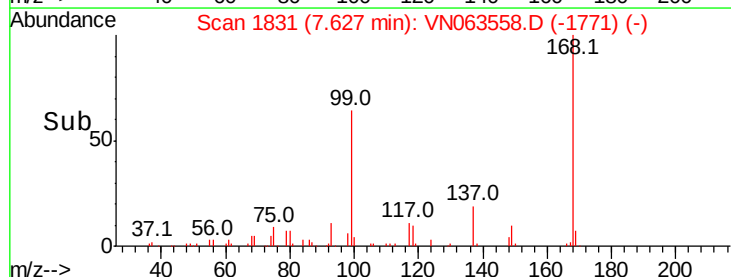
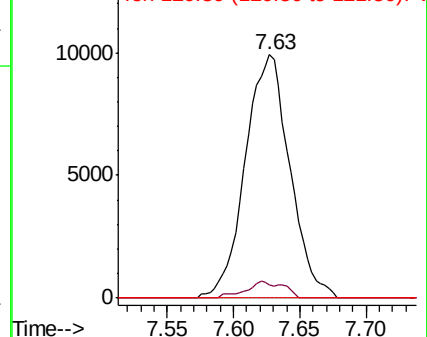
121 0.0 24.1 36.1#

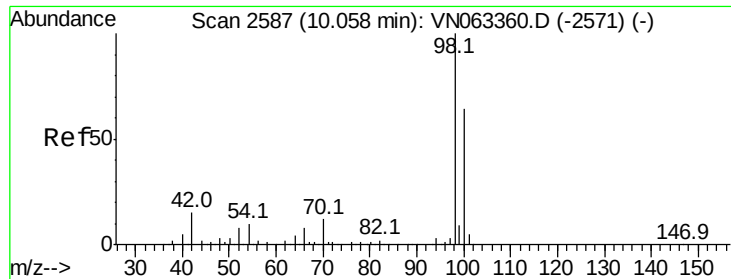


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)





#50

Toluene-d8

Concen: 48.771 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

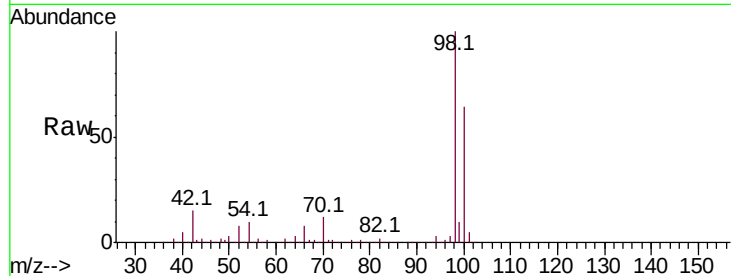
PB131779TB

Tot Ion: 98 Resp: 500139

Ion Ratio Lower Upper

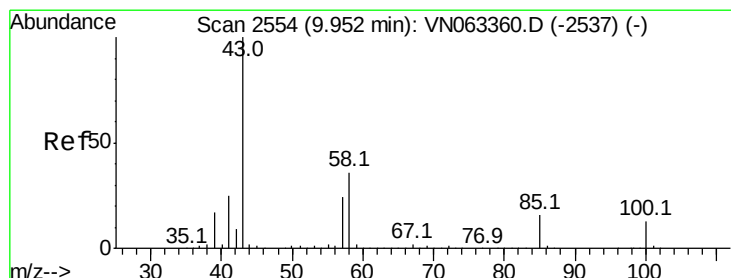
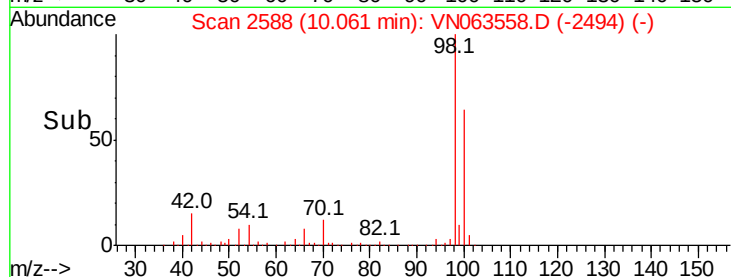
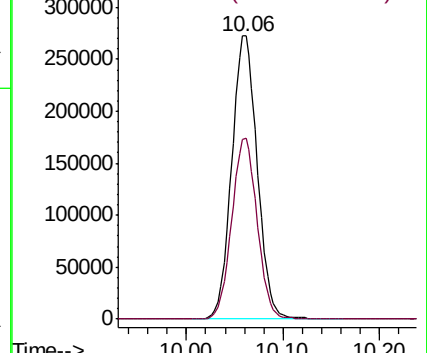
98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.727 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063558.D

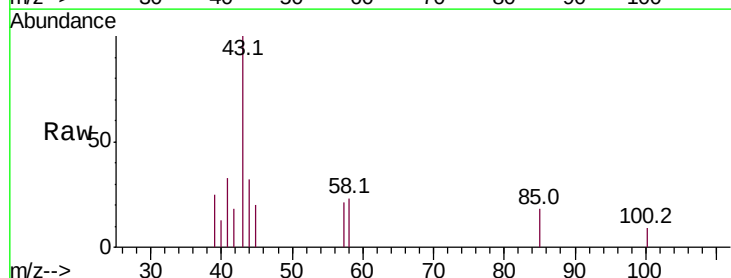
Acq: 23 Sep 2020 2:27

Tgt Ion: 43 Resp: 2999

Ion Ratio Lower Upper

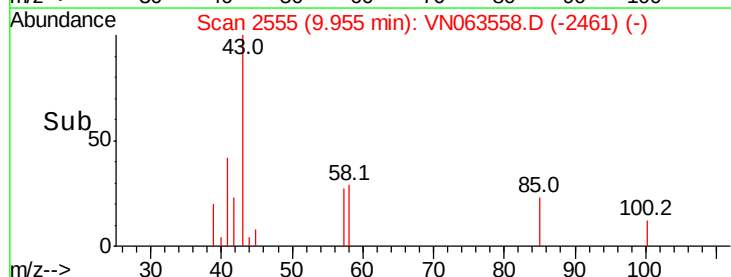
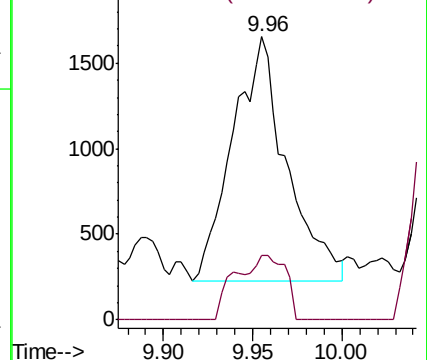
43 100

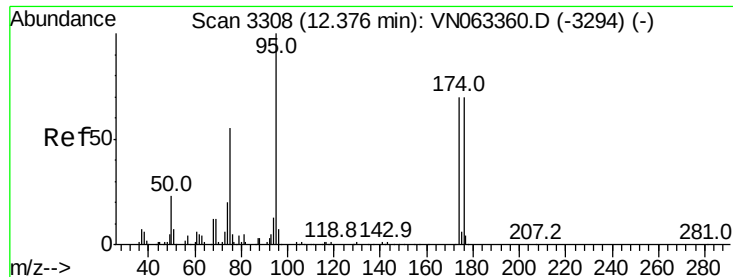
58 24.4 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.293 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

PB131779TB

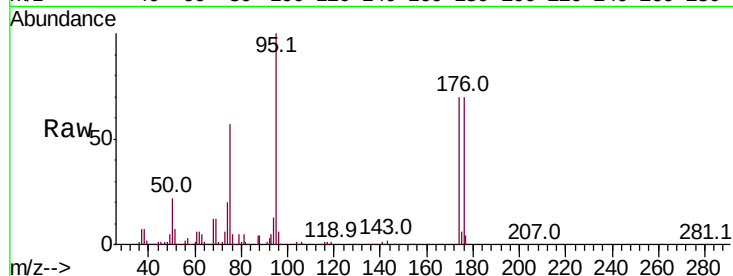
Tot Ion: 95 Resp: 196583

Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

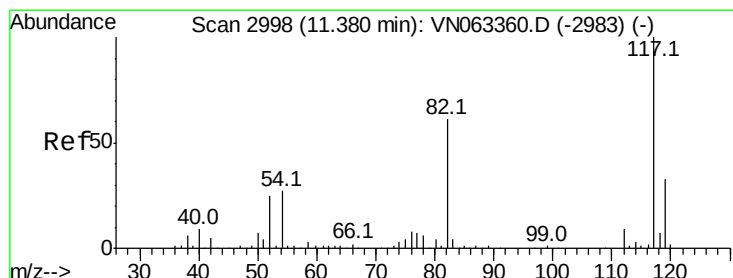
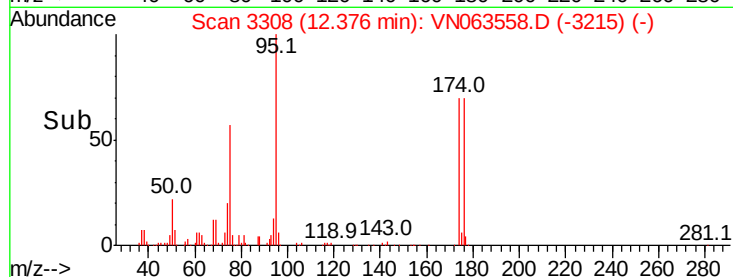
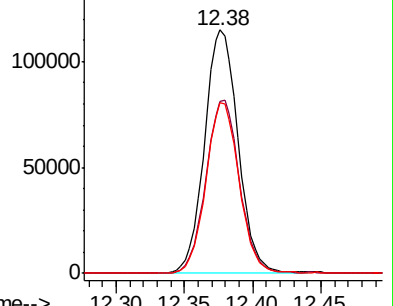
176 69.4 0.0 137.6



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

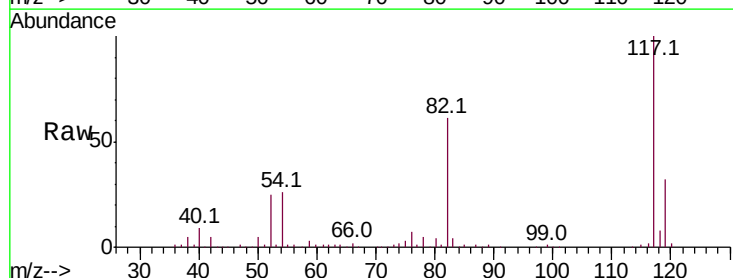
Tgt Ion: 117 Resp: 391548

Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

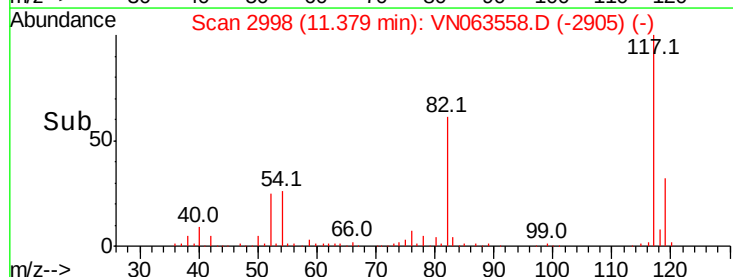
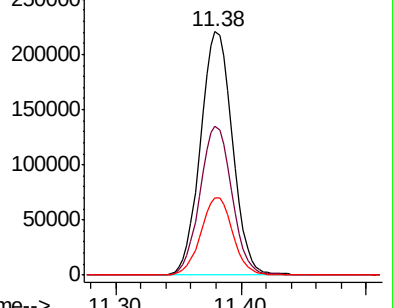
119 31.8 26.2 39.4

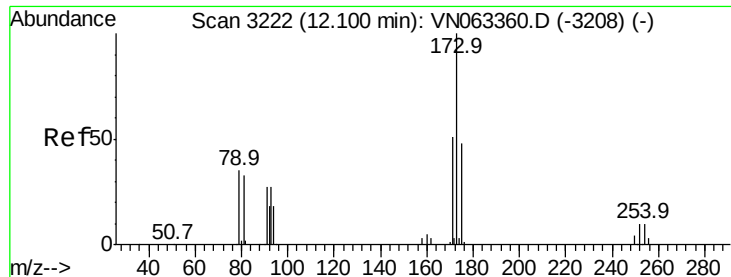


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#71

Bromoform

Concen: 0.523 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.27 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

PB131779TB

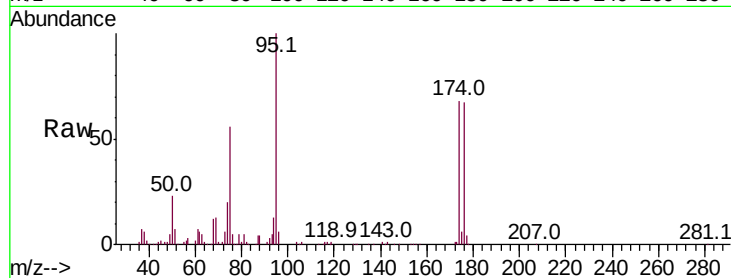
Tot Ion:173 Resp: 1186

Ion Ratio Lower Upper

173 100

175 758.8 24.0 72.0#

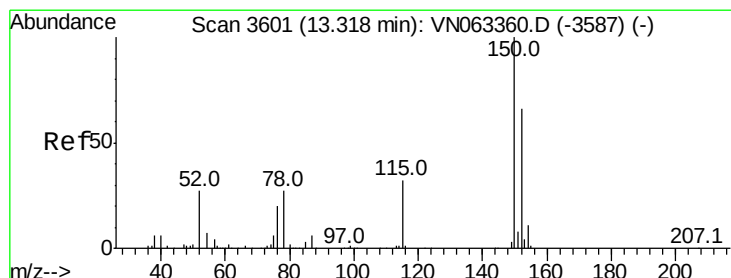
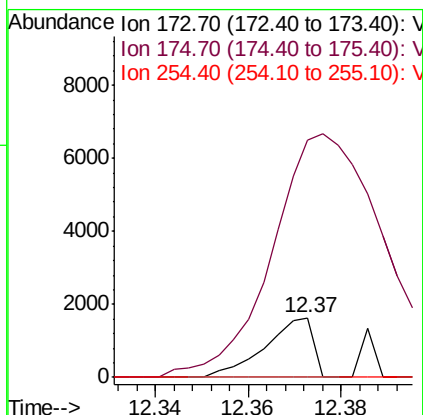
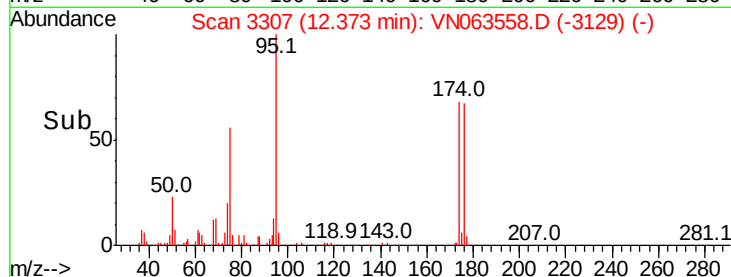
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN063558.D

Acq: 23 Sep 2020 2:27

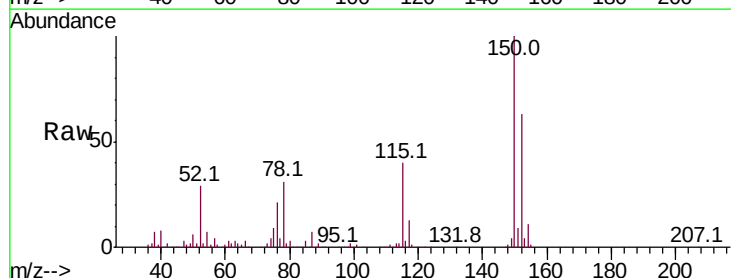
Tgt Ion:152 Resp: 168275

Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

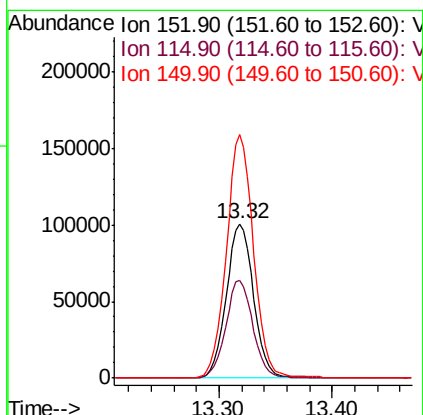
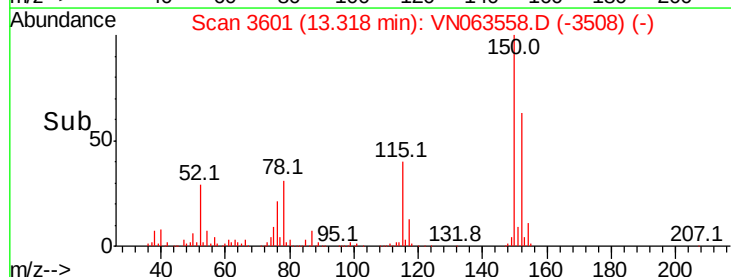
150 157.3 0.0 343.4

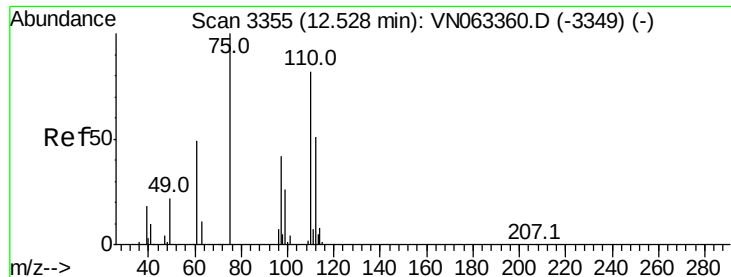


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.381 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

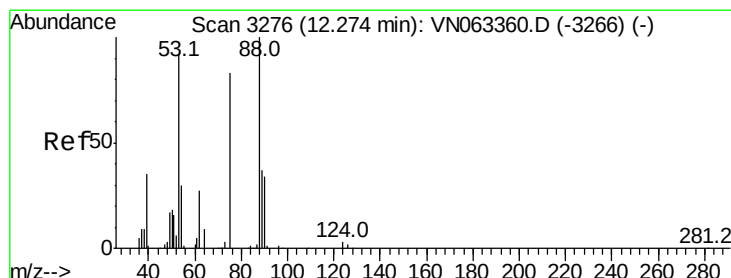
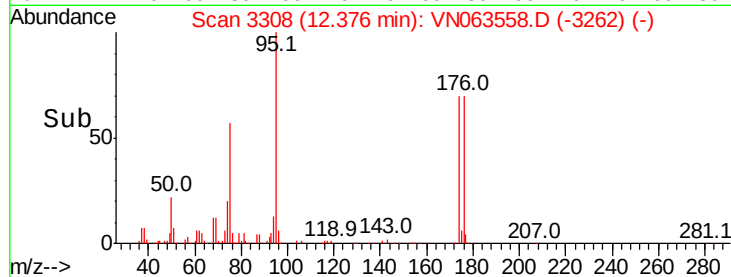
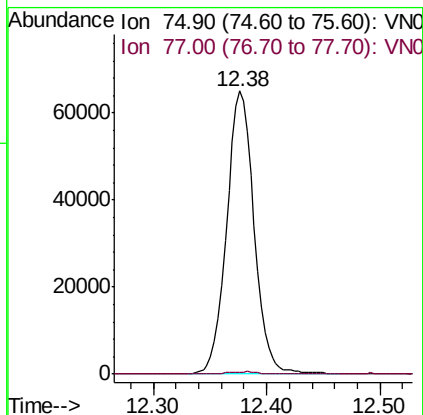
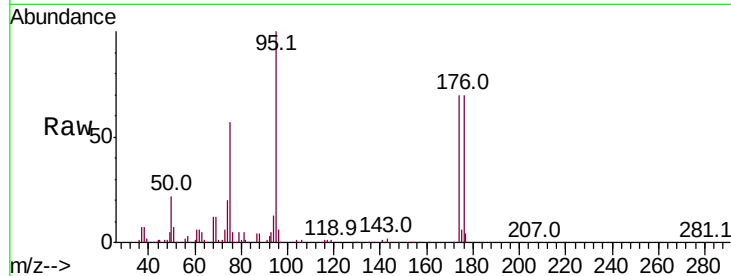
PB131779TB

Tot Ion: 75 Resp: 109878

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.327 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063558.D

Acq: 23 Sep 2020 2:27

Tgt Ion: 75 Resp: 109878

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

