

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062202.D
 Acq On : 29 Jun 2020 20:56
 Operator : JC/MD
 Sample : L3127-02DL 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 36BR-20200625DL

Quant Time: Jun 30 05:49:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

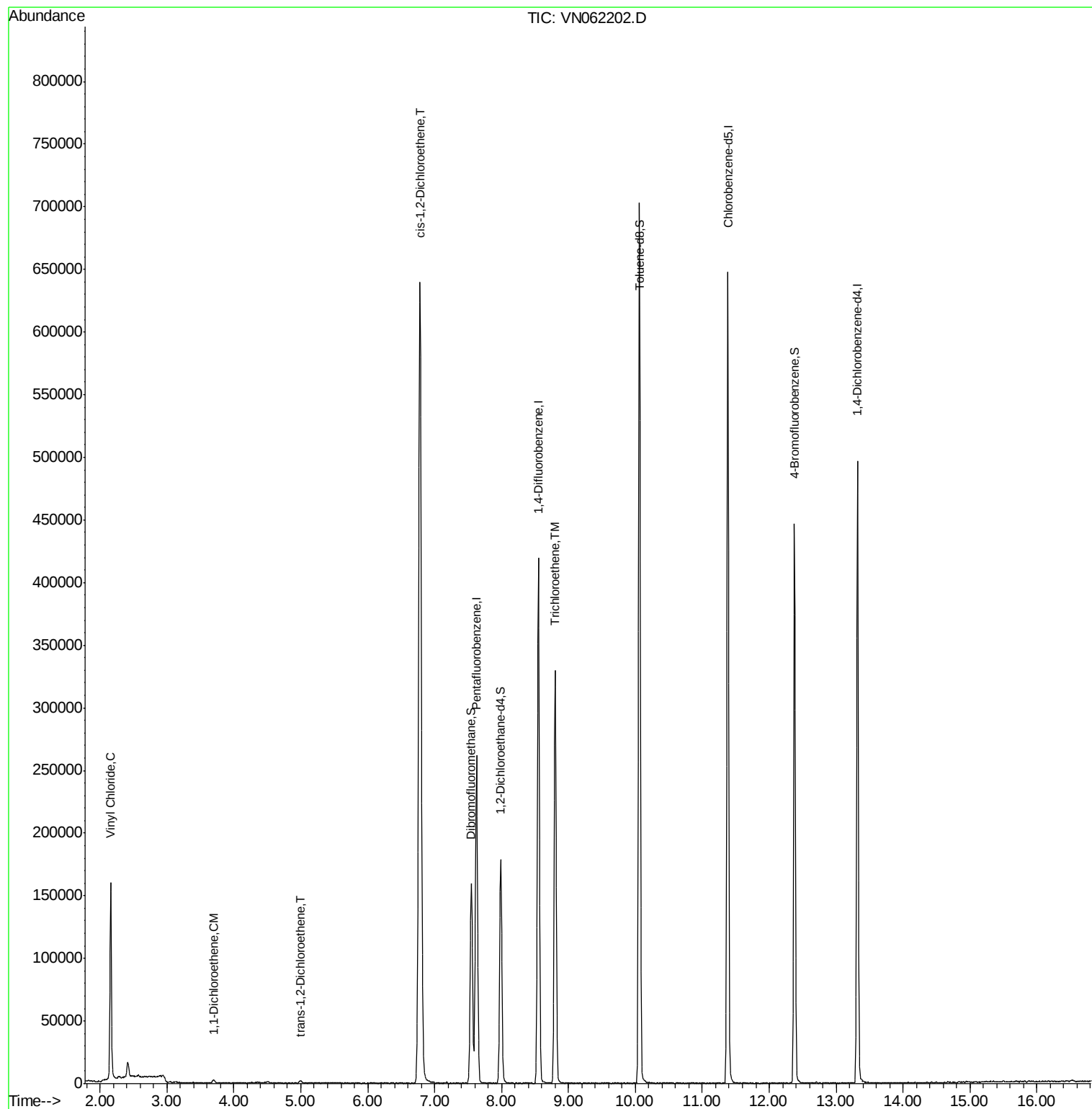
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	380609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	149456	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	125147	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.06	98	486222	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.38	95	154442	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
4) Vinyl Chloride	2.16	62	140296	38.668	ug/l	100
12) 1,1-Dichloroethene	3.70	96	1530	0.654	ug/l	84
21) trans-1,2-Dichloroethene	4.99	96	1362	0.511	ug/l	91
27) cis-1,2-Dichloroethene	6.78	96	441611	147.194	ug/l	90
44) Trichloroethene	8.80	130	121926	41.452	ug/l	99

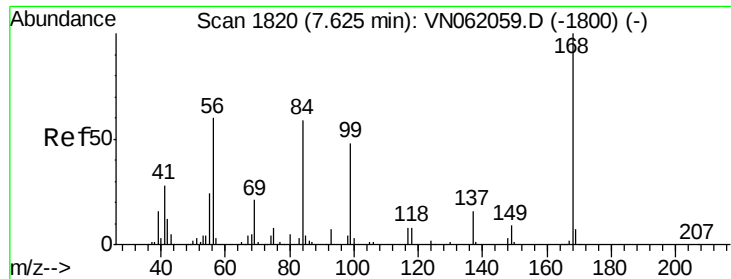
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

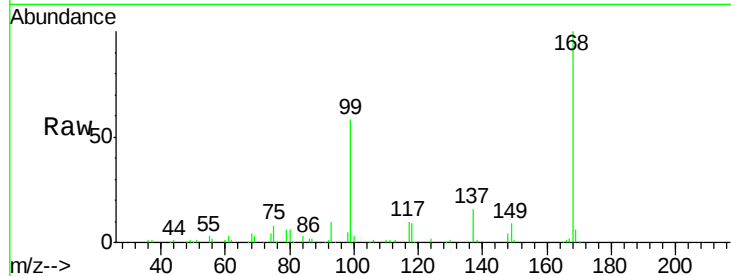
36BR-20200625DL

Tot Ion:168 Resp: 203828

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

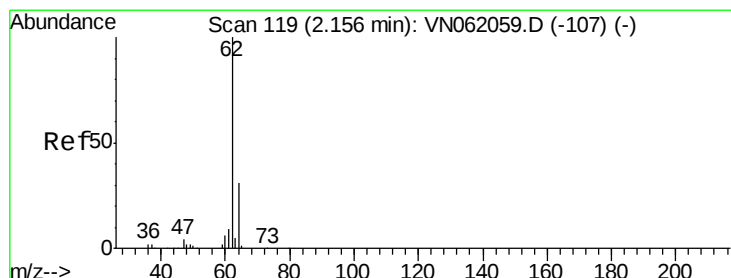
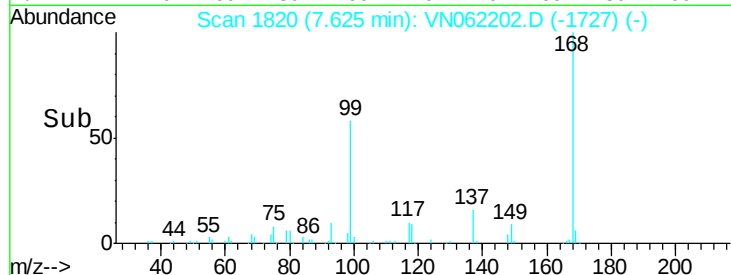
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 38.668 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062202.D

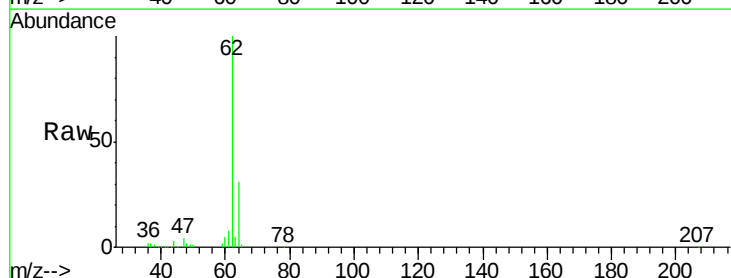
Acq: 29 Jun 2020 20:56

Tgt Ion: 62 Resp: 140296

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

100000

80000

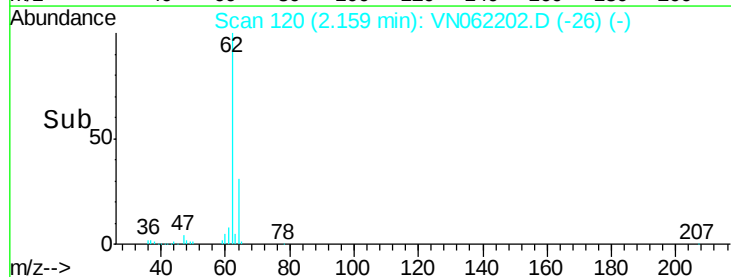
60000

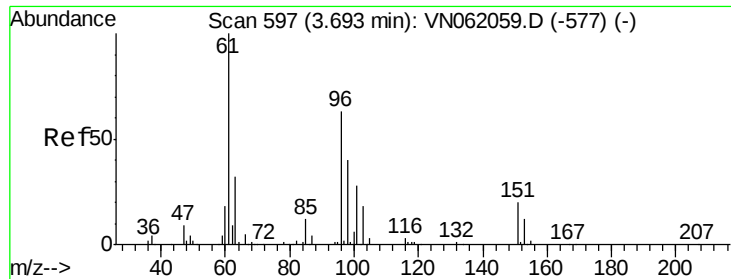
40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#12

1,1-Dichloroethene

Concen: 0.654 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625DL

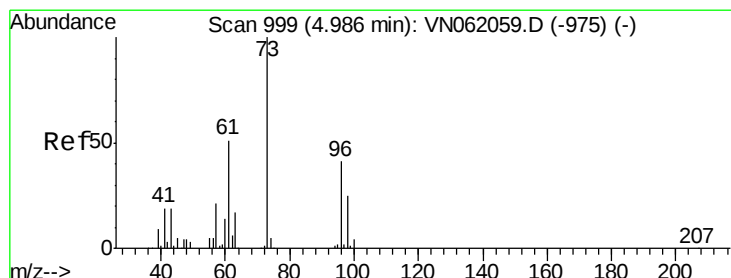
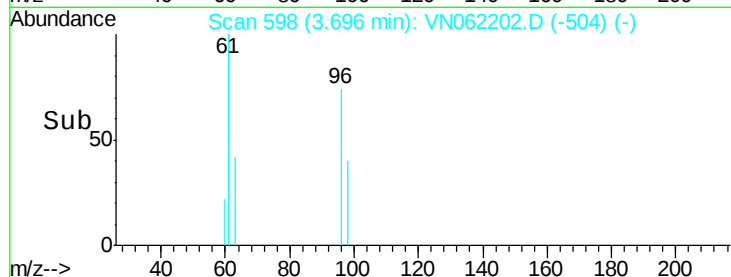
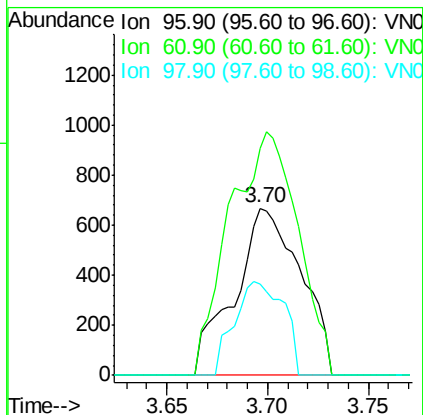
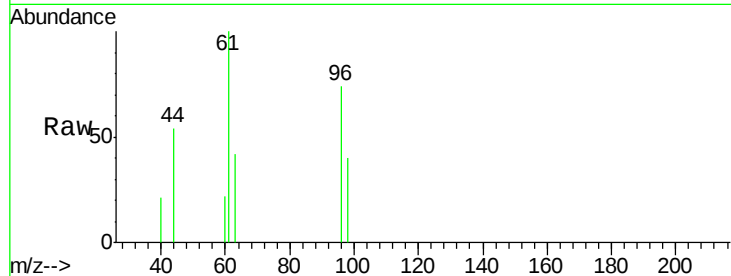
Tot Ion: 96 Resp: 1530

Ion Ratio Lower Upper

96 100

61 135.4 126.7 190.1

98 54.6 51.0 76.4



#21

trans-1,2-Dichloroethene

Concen: 0.511 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

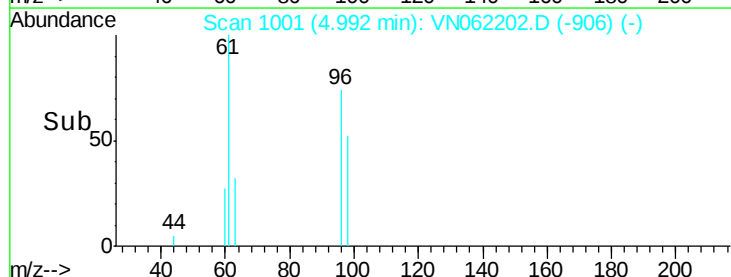
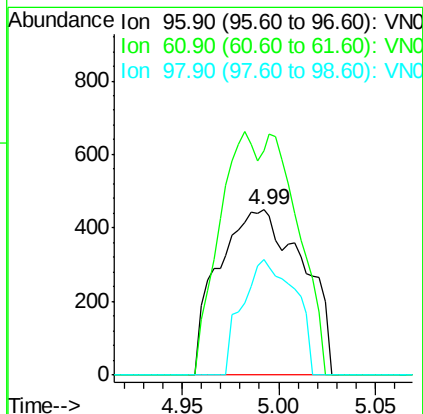
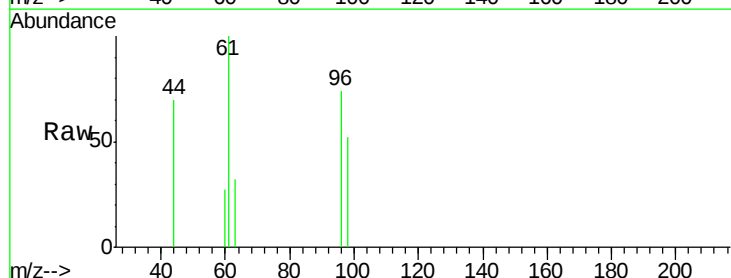
Tgt Ion: 96 Resp: 1362

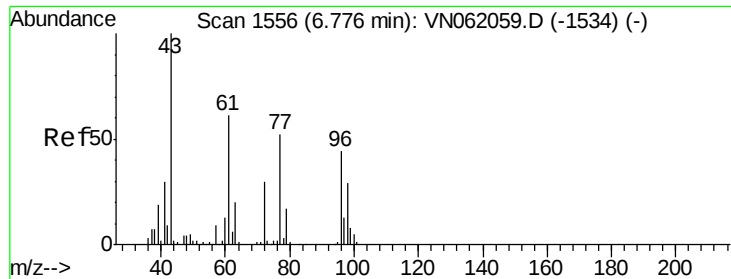
Ion Ratio Lower Upper

96 100

61 135.3 101.4 152.2

98 70.0 49.3 73.9





#27

cis-1,2-Dichloroethene

Concen: 147.194 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625DL

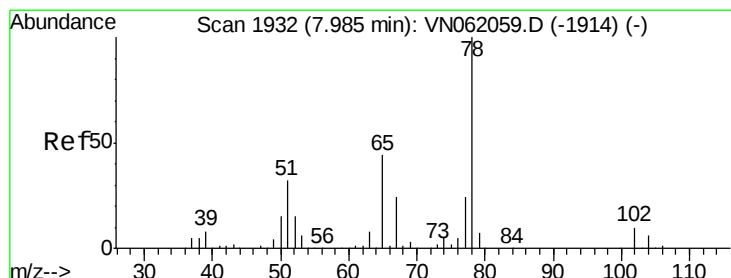
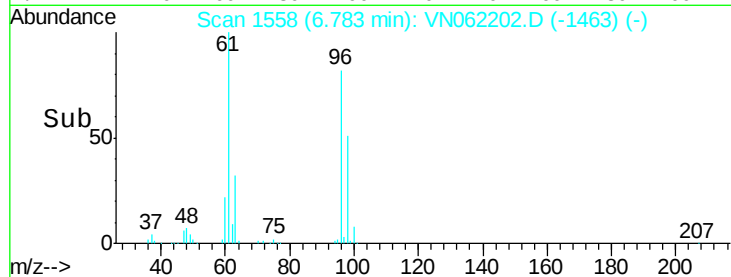
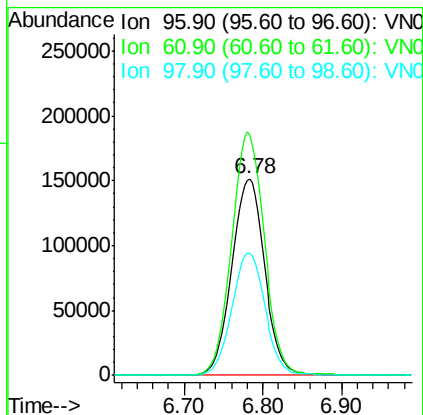
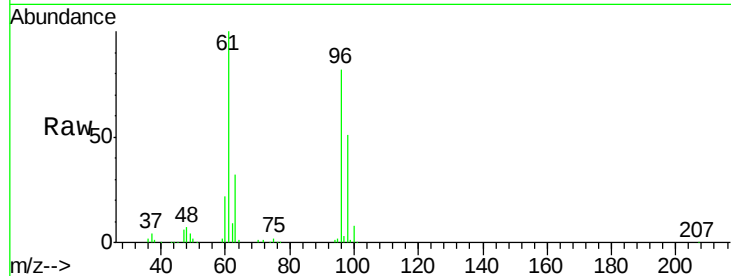
Tot Ion: 96 Resp: 441611

Ion Ratio Lower Upper

96 100

61 123.1 0.0 280.4

98 63.2 0.0 129.4



#33

1,2-Dichloroethane-d4

Concen: 52.250 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062202.D

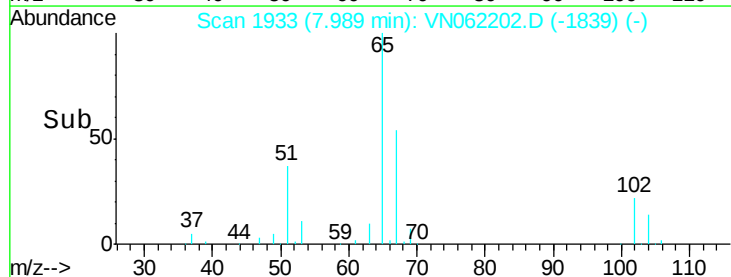
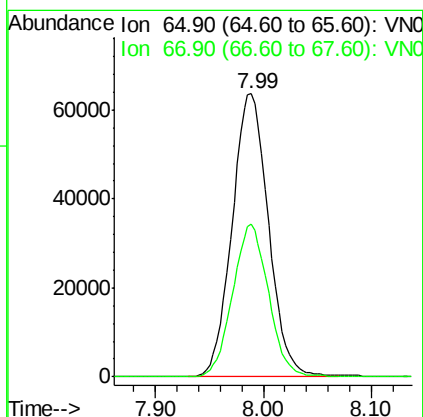
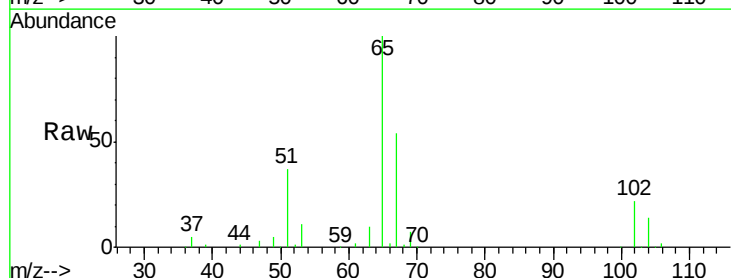
Acq: 29 Jun 2020 20:56

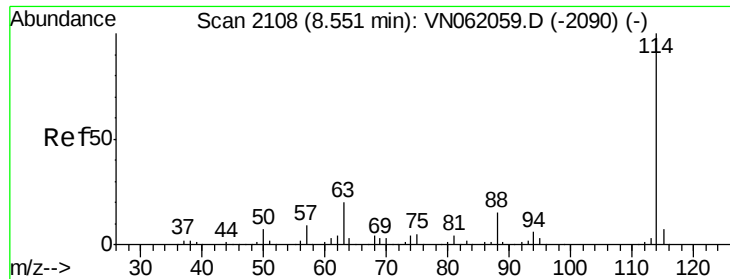
Tgt Ion: 65 Resp: 149456

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2

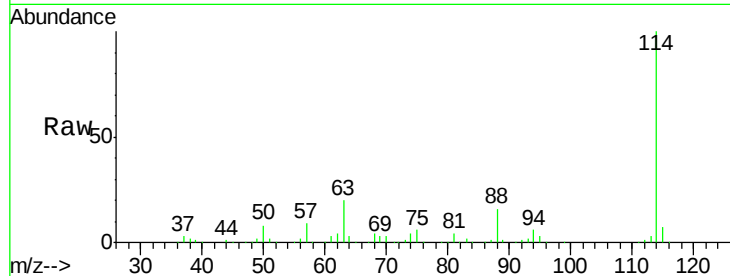




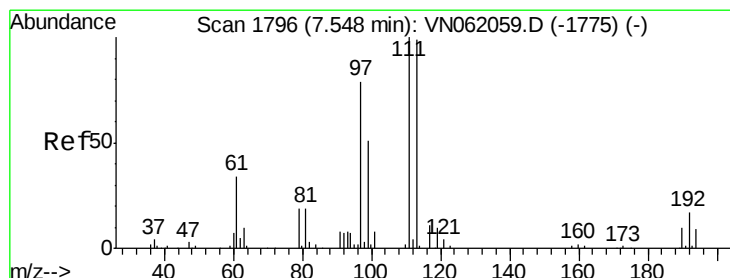
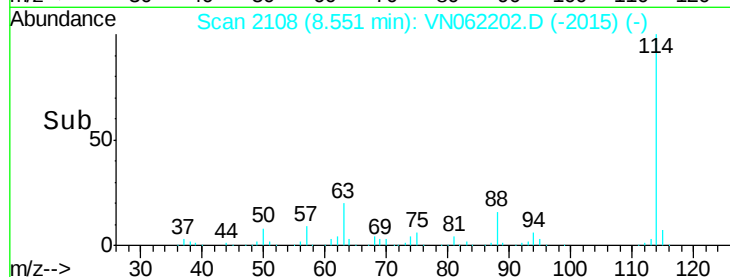
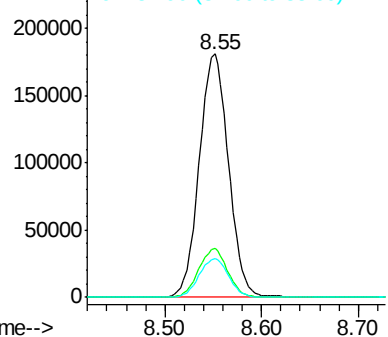
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062202.D
Acq: 29 Jun 2020 20:56

Instrument :
MSVOA_N
ClientSampleId :
36BR-20200625DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	15.7	0.0	30.8

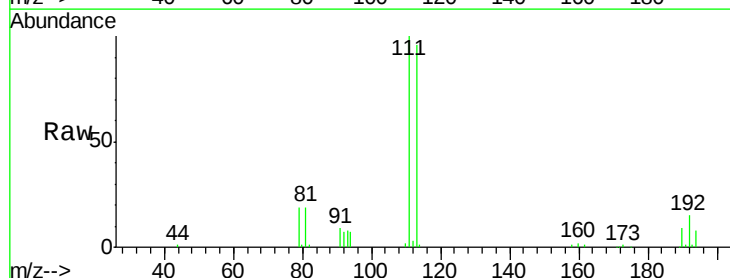


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

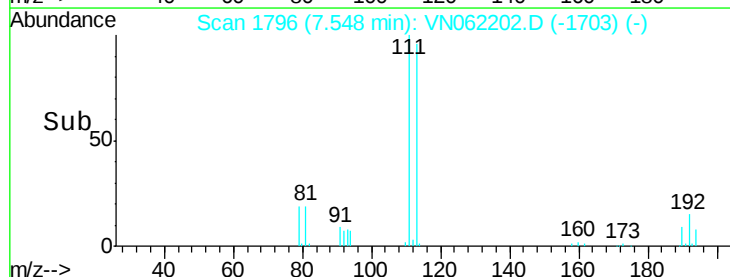
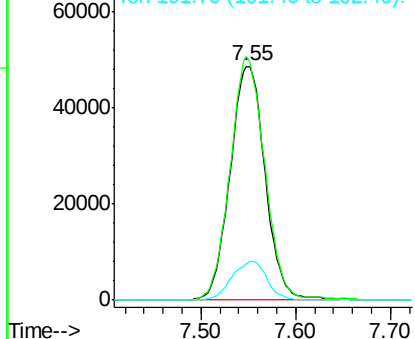


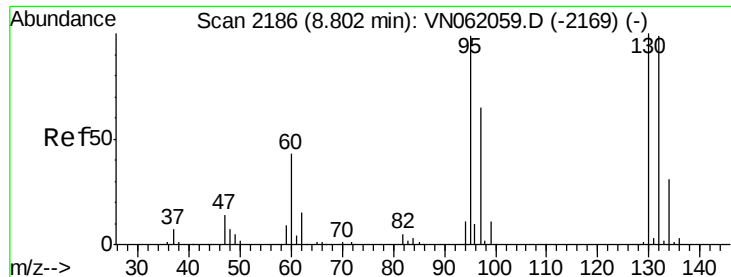
#35
Dibromofluoromethane
Concen: 51.252 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062202.D
Acq: 29 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	16.5	14.0	21.0



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: 41.452 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

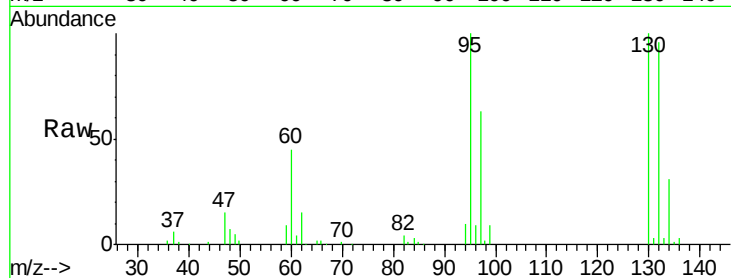
36BR-20200625DL

Tot Ion:130 Resp: 121926

Ion Ratio Lower Upper

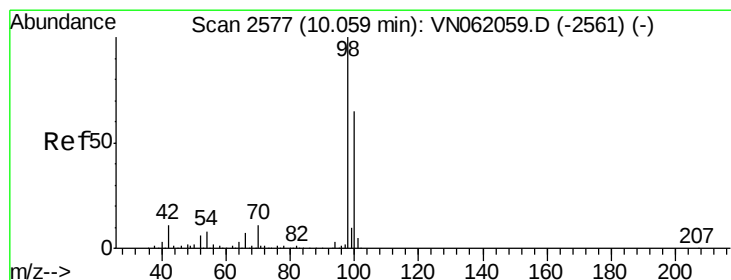
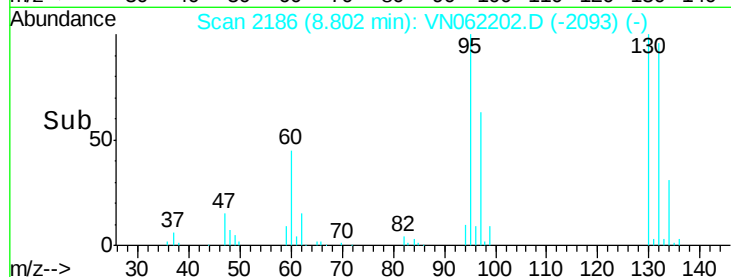
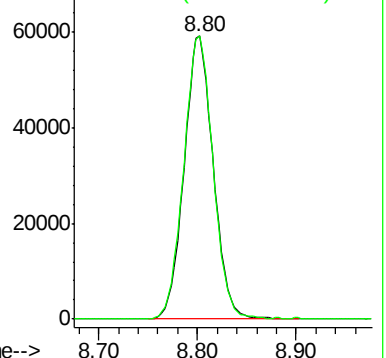
130 100

95 100.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.815 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062202.D

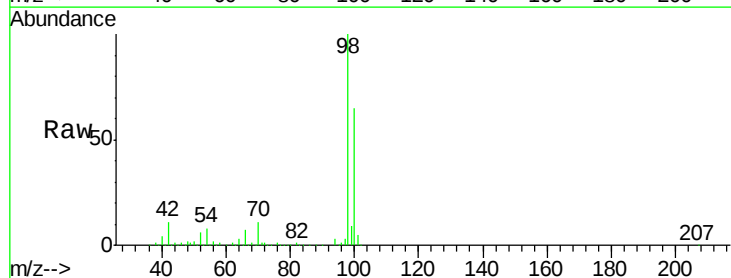
Acq: 29 Jun 2020 20:56

Tgt Ion: 98 Resp: 486222

Ion Ratio Lower Upper

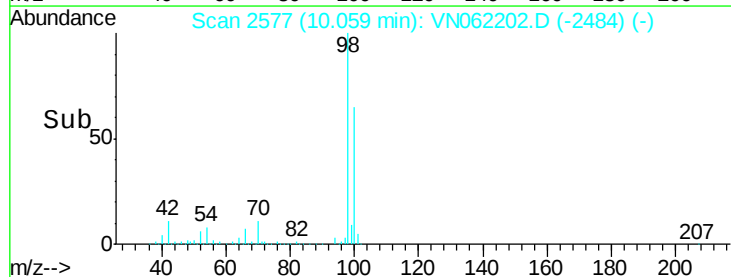
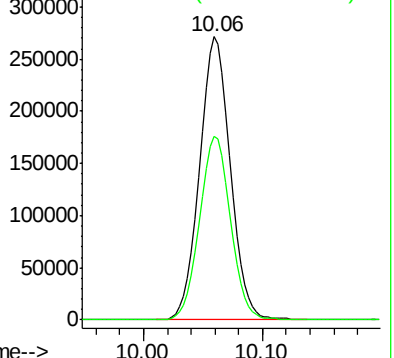
98 100

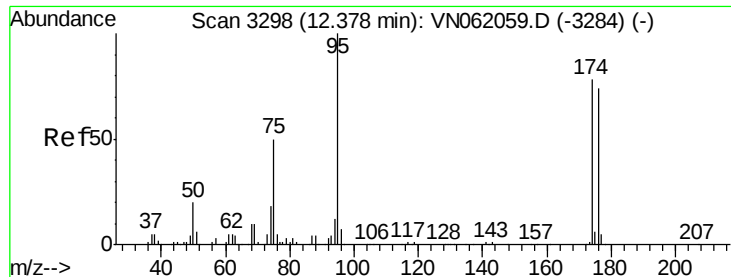
100 65.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

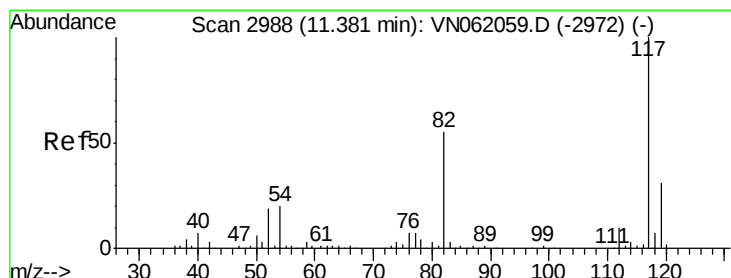
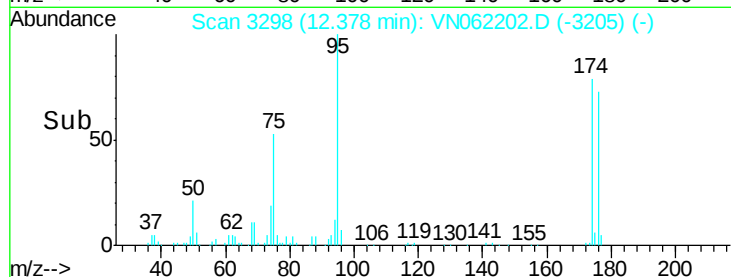
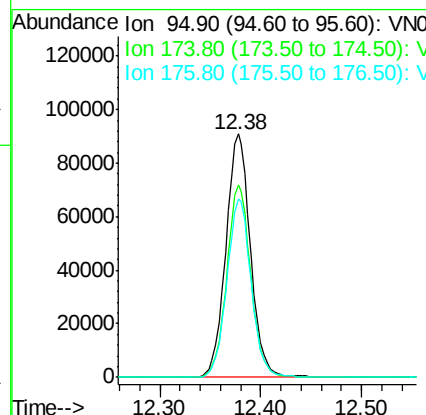
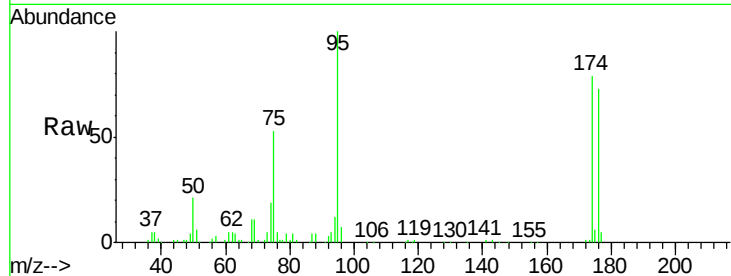




#62
4-Bromofluorobenzene
Concen: 46.833 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062202.D
Acq: 29 Jun 2020 20:56

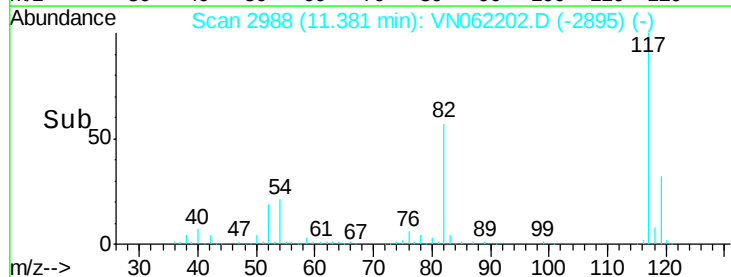
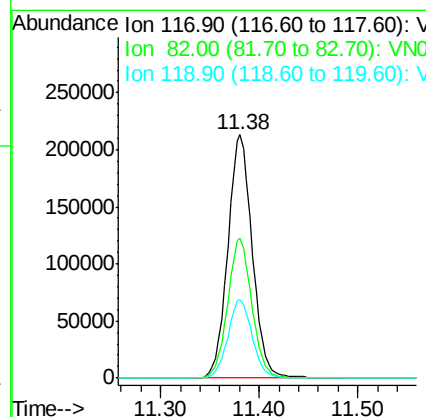
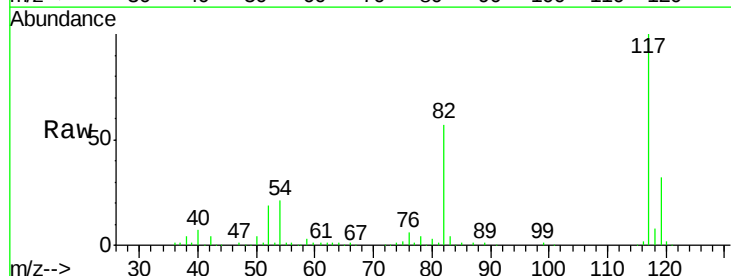
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MSVOA_N
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36BR-20200625DL

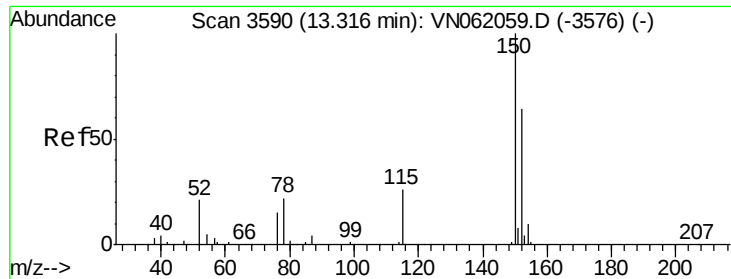
Tot Ion: 95 Resp: 154442
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.8
176 72.5 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062202.D
Acq: 29 Jun 2020 20:56

Tgt Ion: 117 Resp: 370722
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.8
119 32.1 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062202.D

Acq: 29 Jun 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625DL

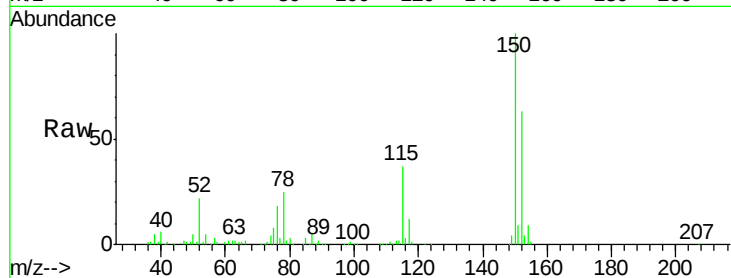
Tot Ion:152 Resp: 133318

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

150 157.8 0.0 351.4



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

