

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062146.D
 Acq On : 26 Jun 2020 17:50
 Operator : JC/MD
 Sample : L3127-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22BR-20200625

Quant Time: Jun 27 04:49:19 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

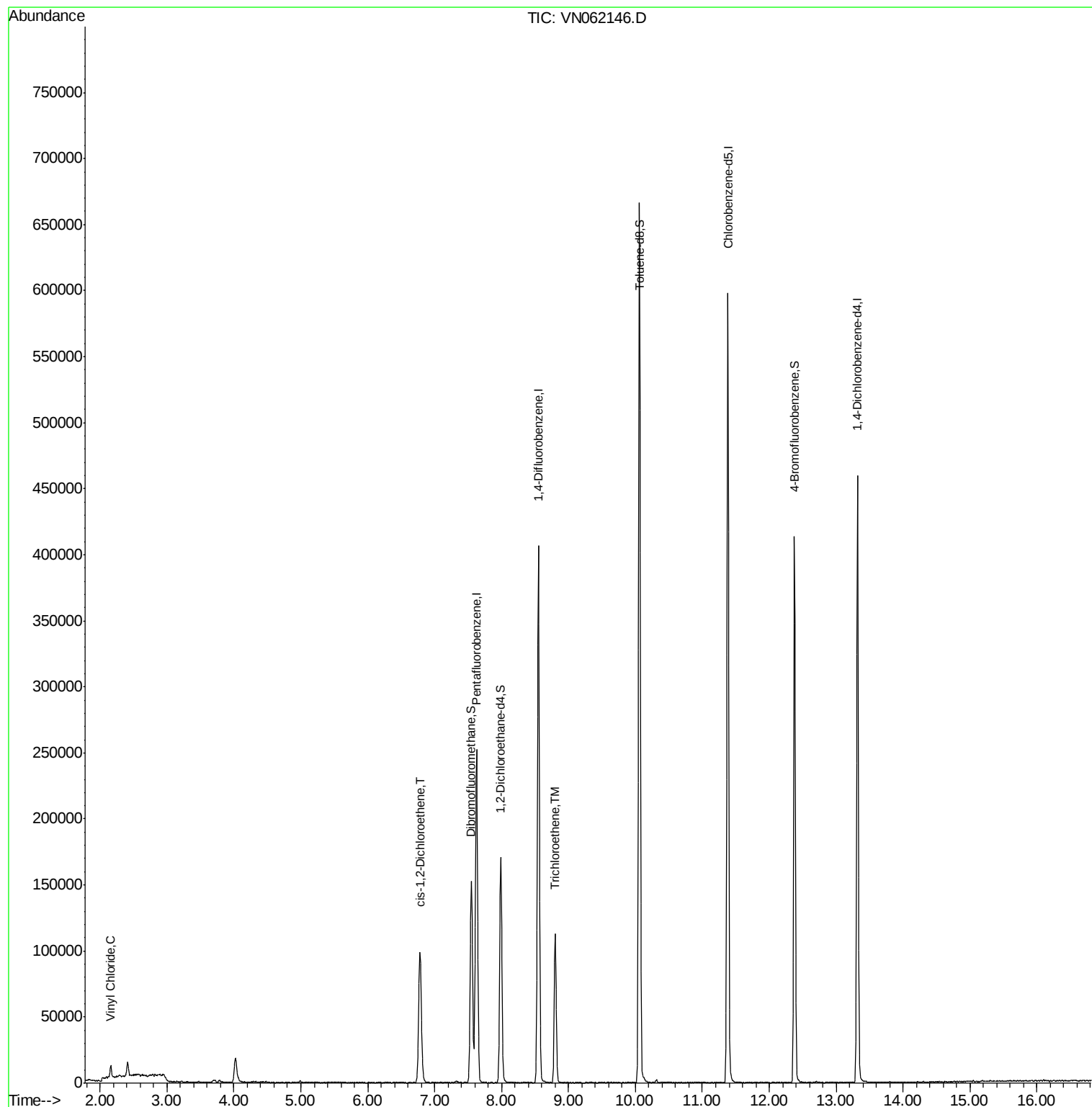
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	198779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	349541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	141713	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	7.55	113	117902	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.06	98	459470	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.38	95	147148	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
4) Vinyl Chloride	2.16	62	8865	2.505	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68429	23.387	ug/l	89
44) Trichloroethene	8.80	130	42081	14.719	ug/l	98

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

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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# 1821

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

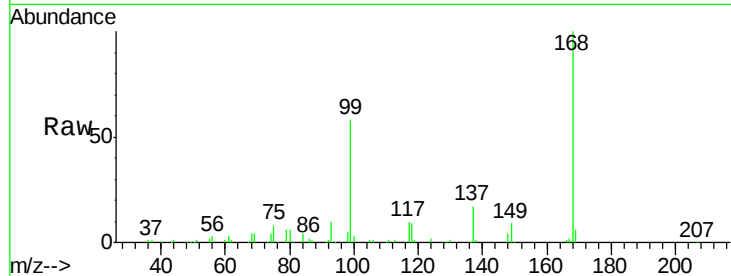
22BR-20200625

Tot Ion:168 Resp: 198779

Ion Ratio Lower Upper

168 100

99 58.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

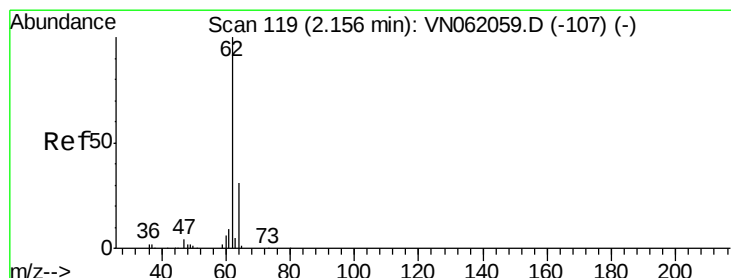
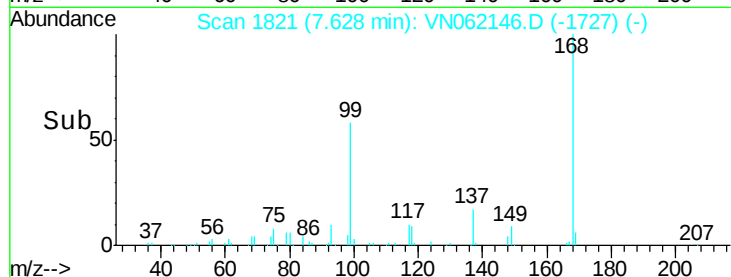
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 2.505 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062146.D

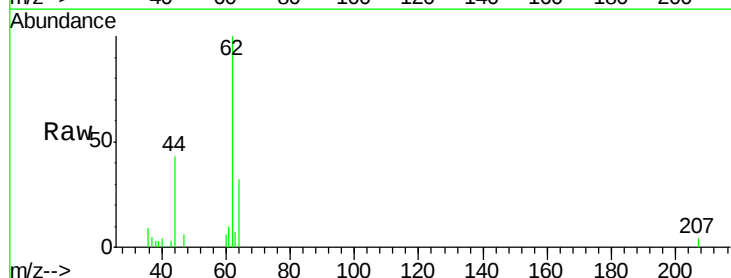
Acq: 26 Jun 2020 17:50

Tgt Ion: 62 Resp: 8865

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

6000

5000

4000

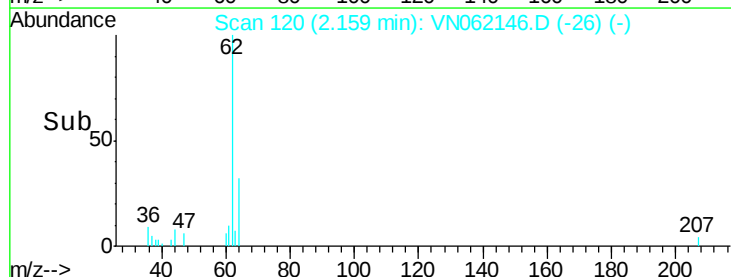
3000

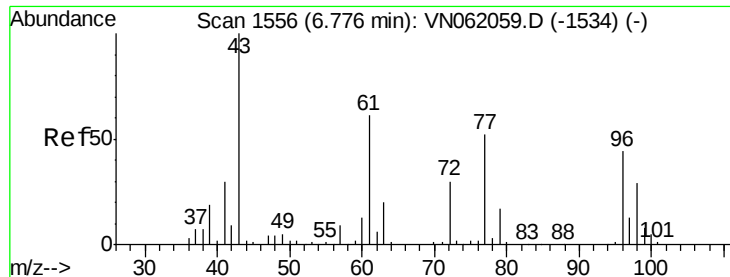
2000

1000

0

Time--> 2.10 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 23.387 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062146.D

Acq: 26 Jun 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

22BR-20200625

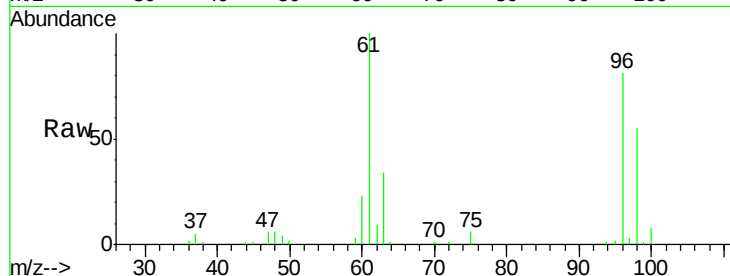
Tot Ion: 96 Resp: 68429

Ion Ratio Lower Upper

96 100

61 120.8 0.0 280.4

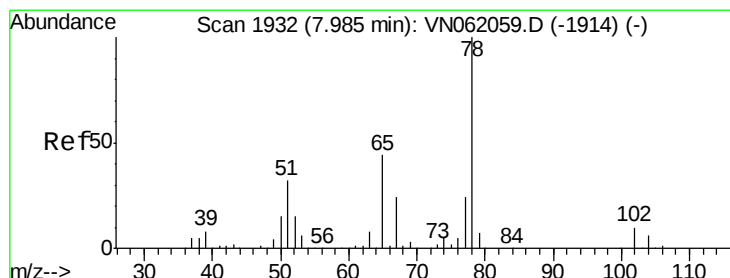
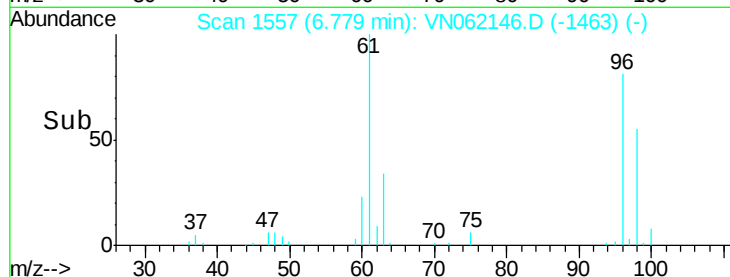
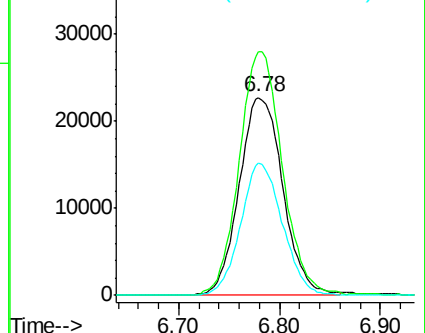
98 63.7 0.0 129.4



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



#33

1,2-Dichloroethane-d4

Concen: 50.802 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062146.D

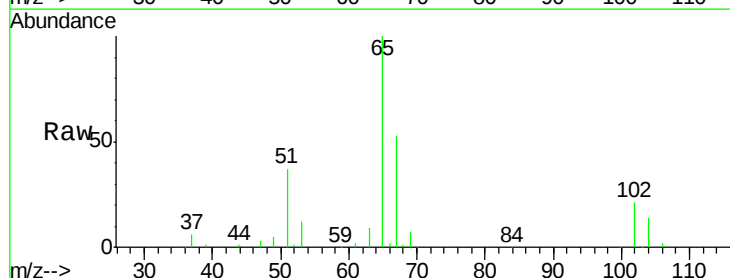
Acq: 26 Jun 2020 17:50

Tgt Ion: 65 Resp: 141713

Ion Ratio Lower Upper

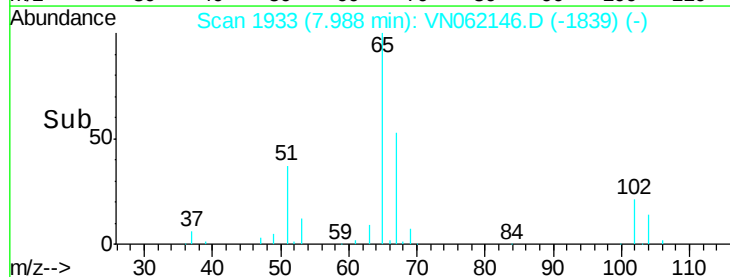
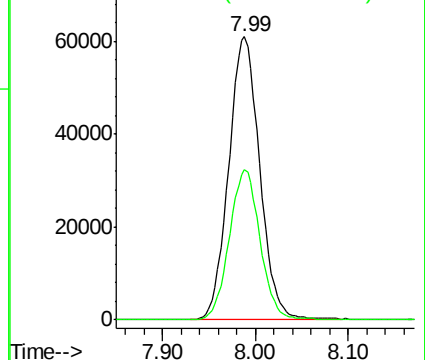
65 100

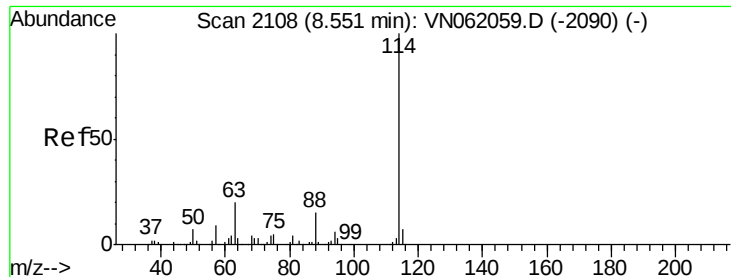
67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062146.D

Acq: 26 Jun 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

22BR-20200625

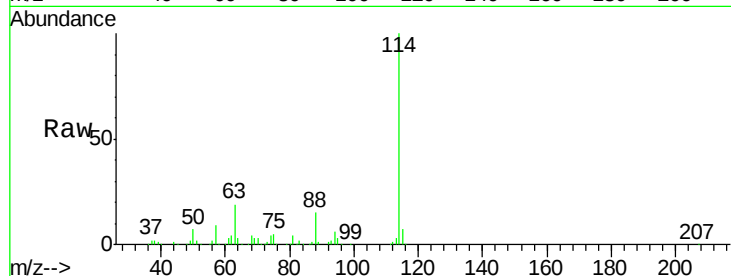
Tot Ion:114 Resp: 369935

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

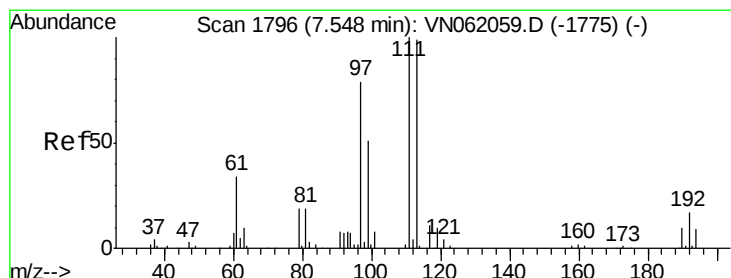
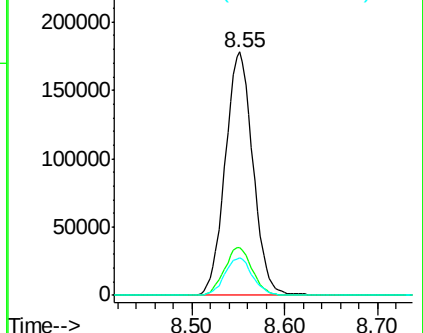
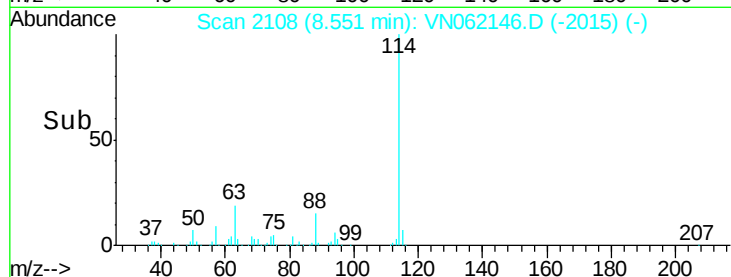
88 15.3 0.0 30.8



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: 49.678 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062146.D

Acq: 26 Jun 2020 17:50

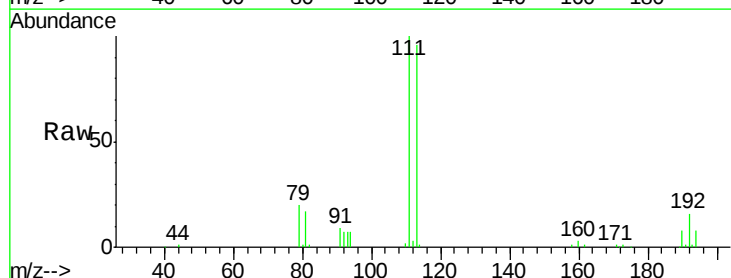
Tgt Ion:113 Resp: 117902

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

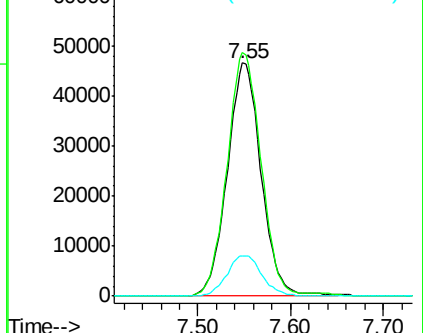
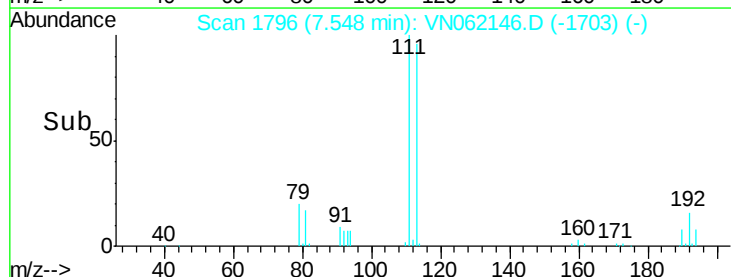
192 17.9 14.0 21.0

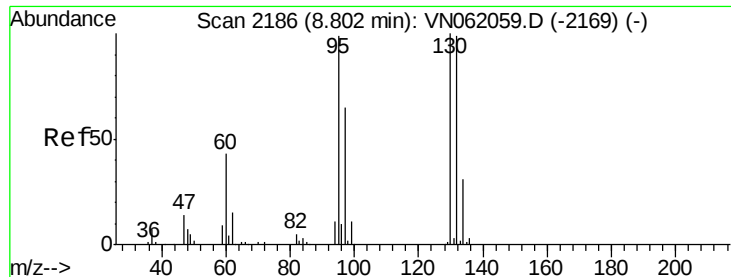


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 14.719 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062146.D

Acq: 26 Jun 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

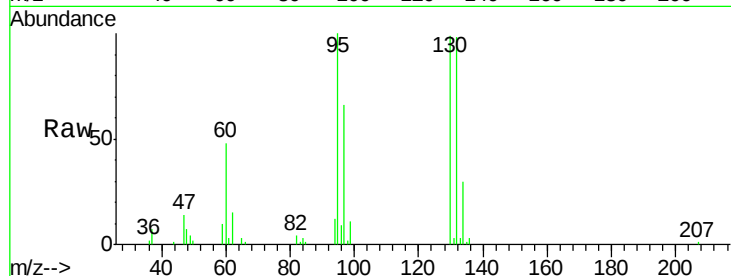
22BR-20200625

Tot Ion:130 Resp: 42081

Ion Ratio Lower Upper

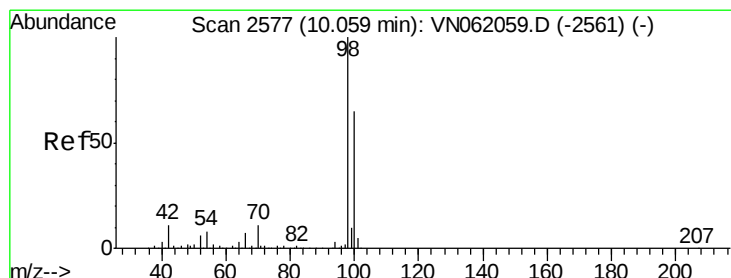
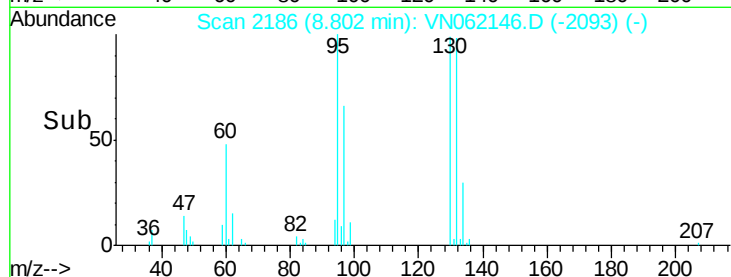
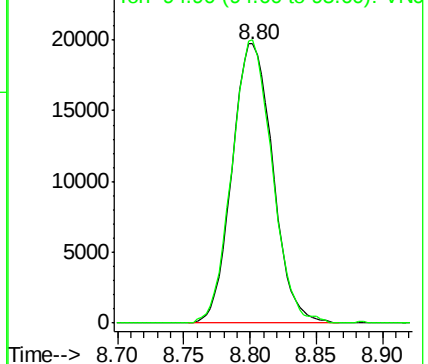
130 100

95 101.3 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: 48.432 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062146.D

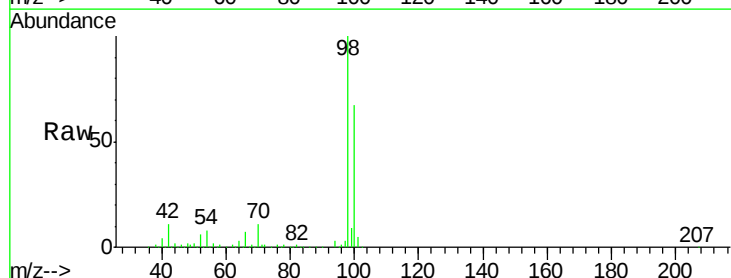
Acq: 26 Jun 2020 17:50

Tgt Ion: 98 Resp: 459470

Ion Ratio Lower Upper

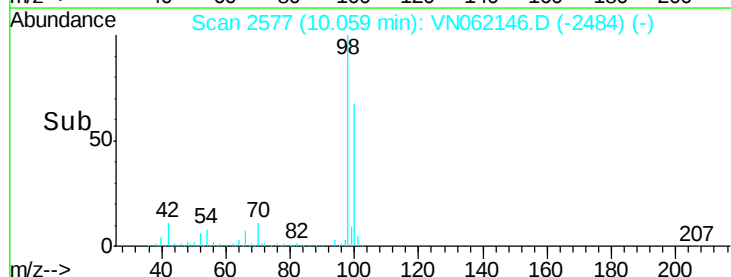
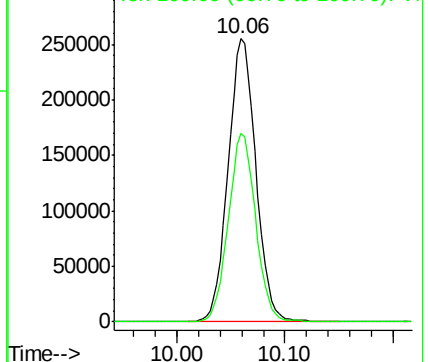
98 100

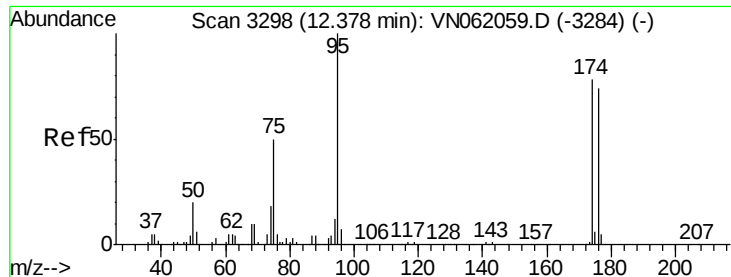
100 65.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

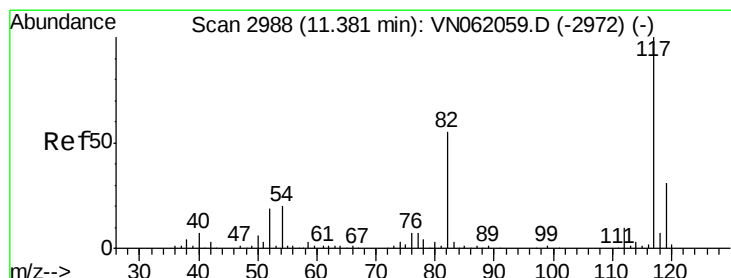
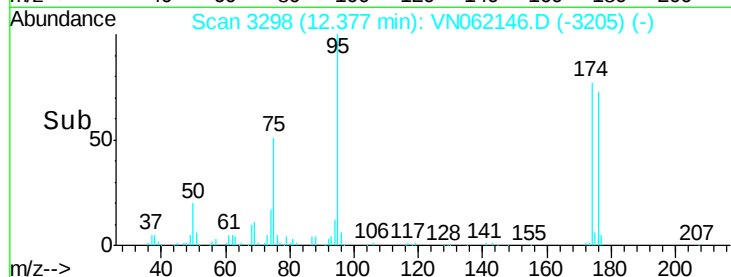
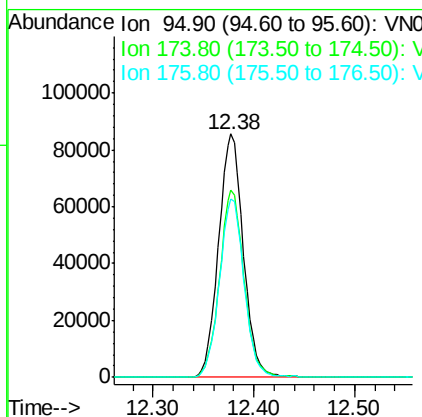
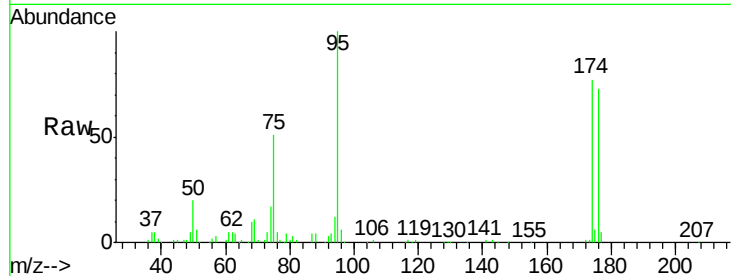




#62
4-Bromofluorobenzene
Concen: 45.909 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062146.D
Acq: 26 Jun 2020 17:50

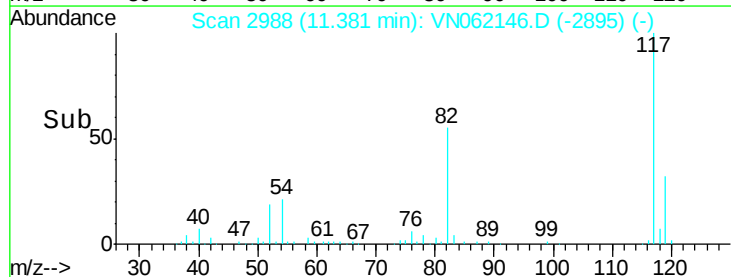
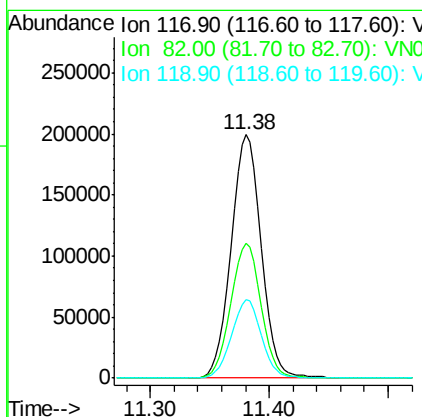
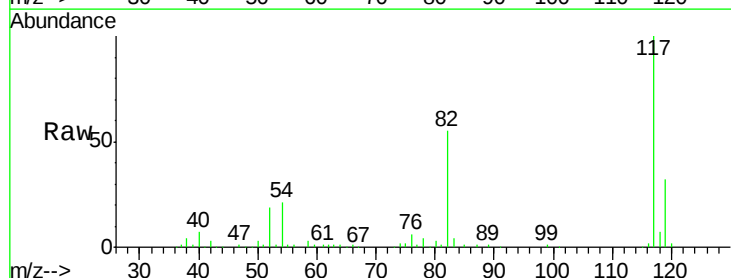
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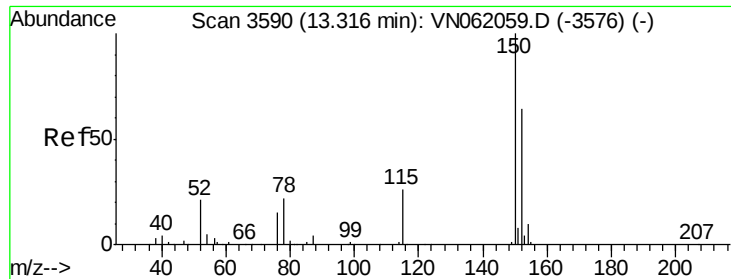
Tot Ion: 95 Resp: 147148
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.8
176 73.0 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062146.D
Acq: 26 Jun 2020 17:50

Tgt Ion: 117 Resp: 349541
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.4 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: VN062146.D

Acq: 26 Jun 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

22BR-20200625

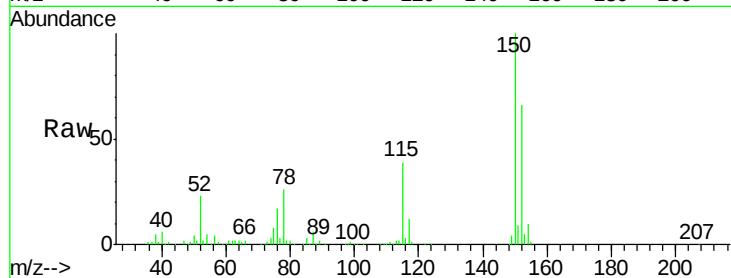
Tot Ion:152 Resp: 127088

Ion Ratio Lower Upper

152 100

115 58.6 29.5 88.5

150 153.2 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

