

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061208.D
 Acq On : 30 Apr 2020 17:51
 Operator : JC/MD
 Sample : L2458-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0246

Quant Time: May 01 08:58:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

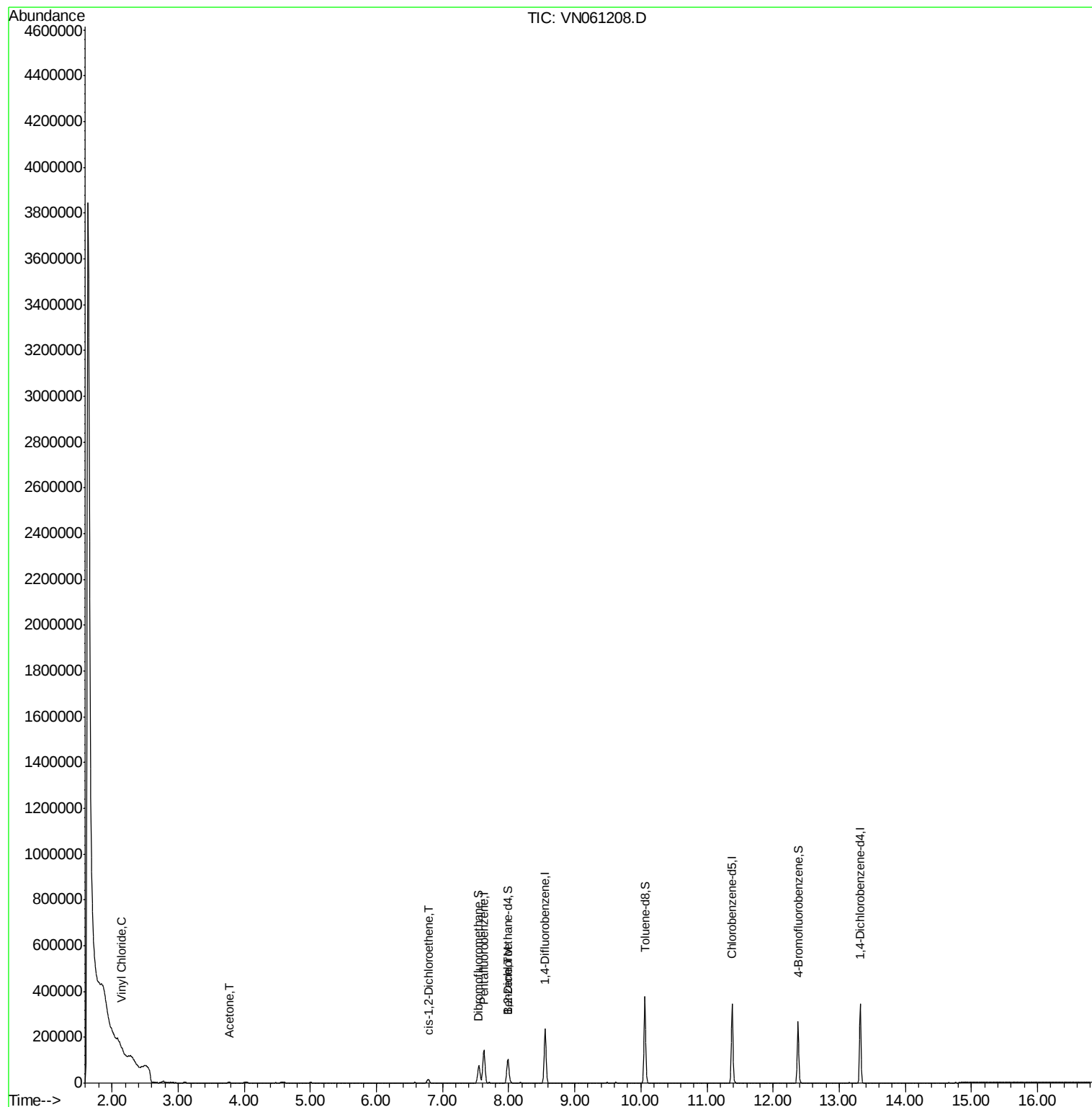
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	111768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	197795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	189806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85827	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.55	113	58394	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.06	98	249070	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.38	95	92727	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
4) Vinyl Chloride	2.16	62	4048	2.483	ug/l	97
16) Acetone	3.77	43	5923	3.206	ug/l	93
27) cis-1,2-Dichloroethene	6.78	96	9836	6.527	ug/l	84
40) Benzene	8.00	78	7871	1.334	ug/l	98

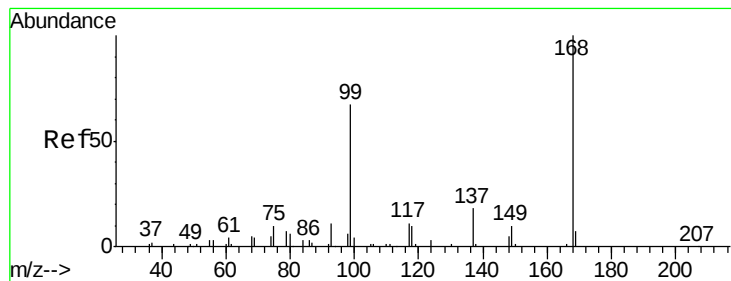
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061208.D

Acq: 30 Apr 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

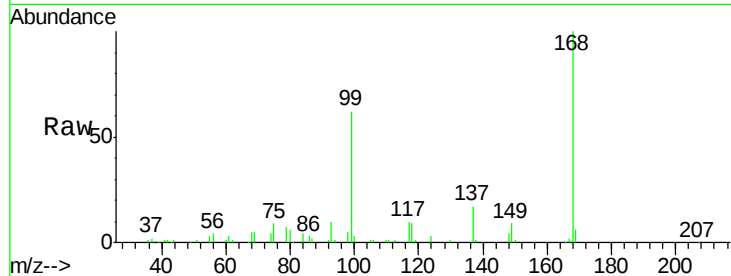
S73-0246

Tot Ion:168 Resp: 111768

Ion Ratio Lower Upper

168 100

99 62.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

30000

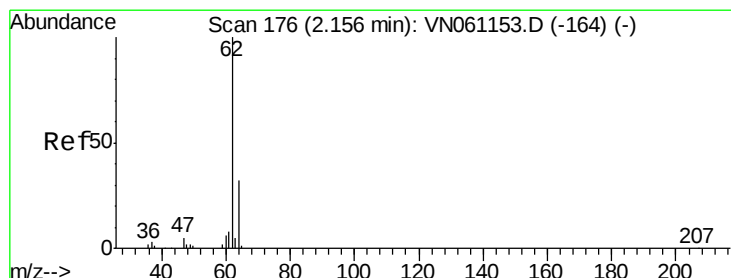
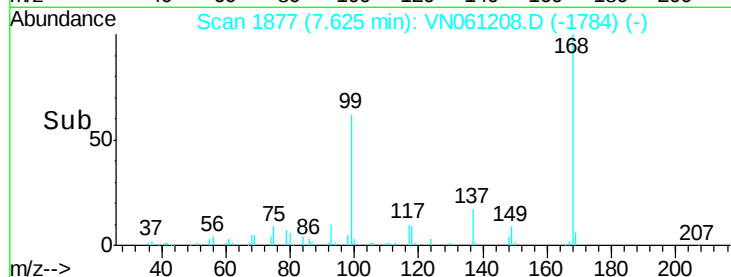
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#4

Vinyl Chloride

Concen: 2.483 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061208.D

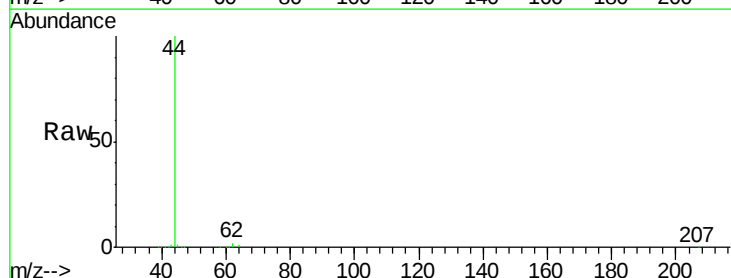
Acq: 30 Apr 2020 17:51

Tgt Ion: 62 Resp: 4048

Ion Ratio Lower Upper

62 100

64 33.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

3000

2500

2000

1500

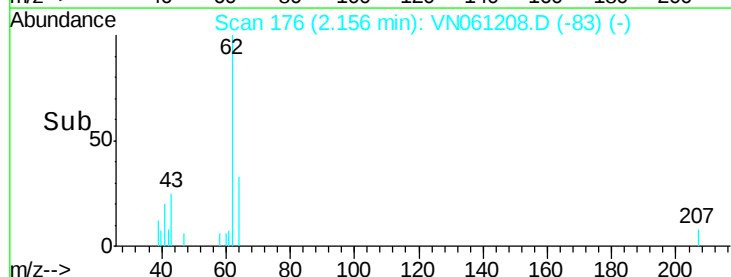
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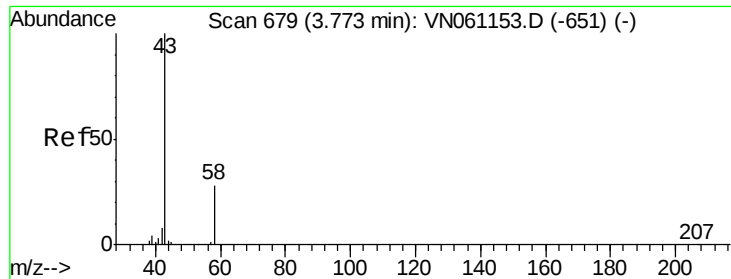
500

0

Time-->

2.15 2.20





#16

Acetone

Concen: 3.206 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061208.D

Acq: 30 Apr 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

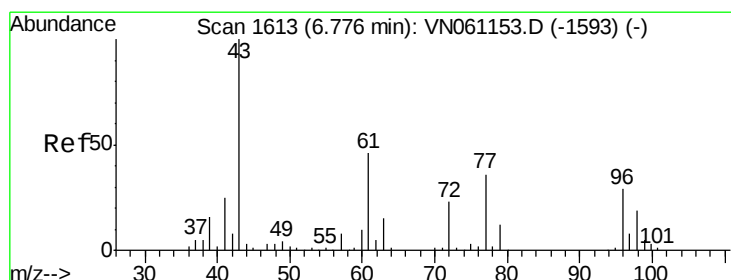
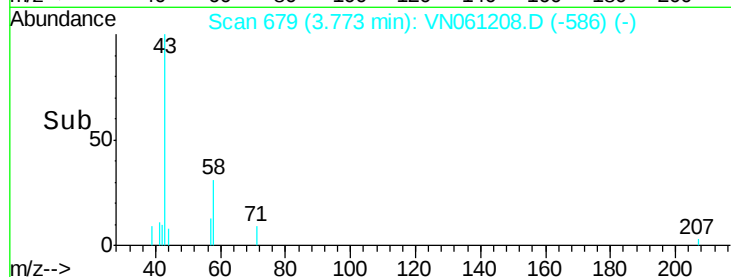
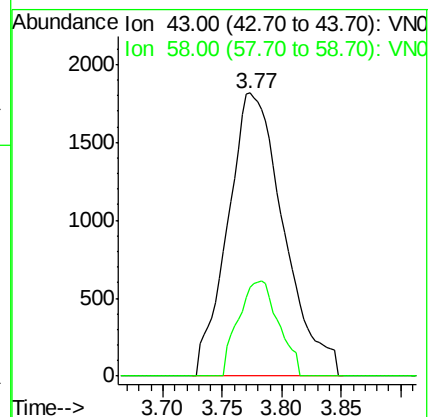
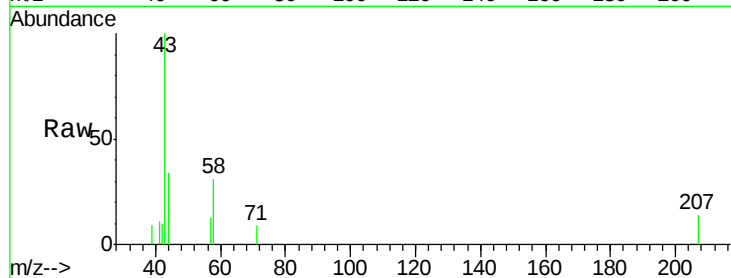
S73-0246

Tot Ion: 43 Resp: 5923

Ion Ratio Lower Upper

43 100

58 31.3 22.2 33.2



#27

cis-1,2-Dichloroethene

Concen: 6.527 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061208.D

Acq: 30 Apr 2020 17:51

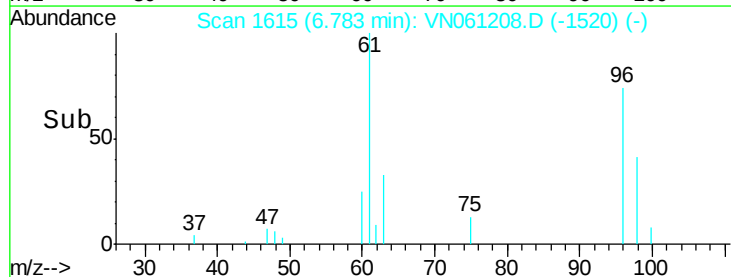
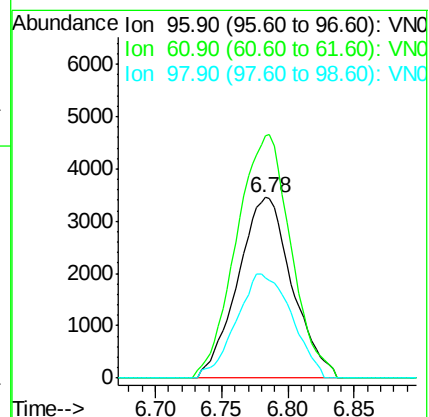
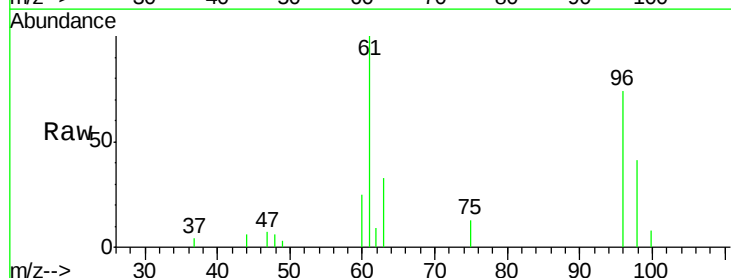
Tgt Ion: 96 Resp: 9836

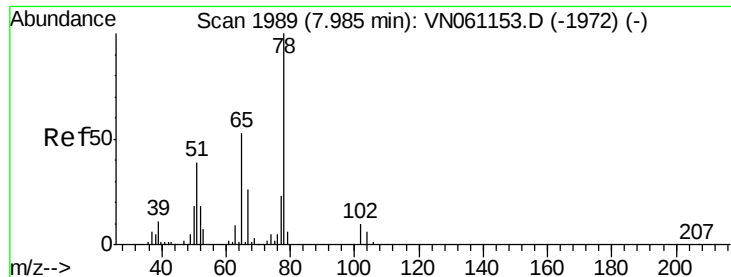
Ion Ratio Lower Upper

96 100

61 135.1 0.0 322.0

98 59.0 0.0 129.6

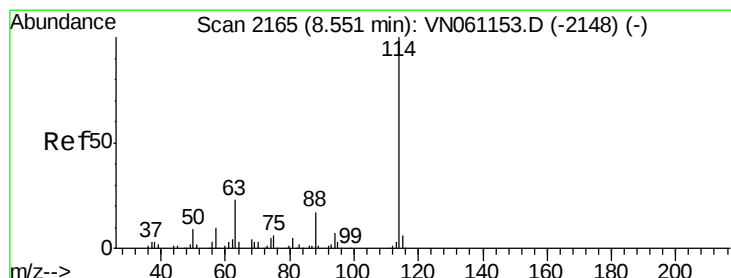
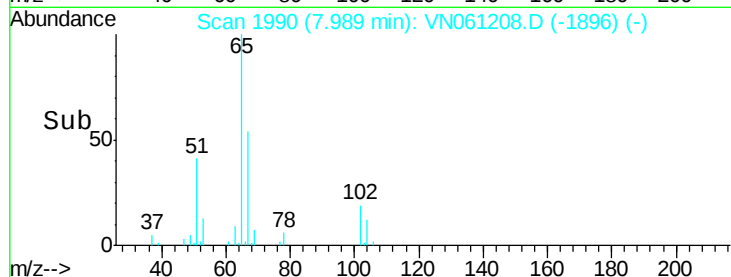
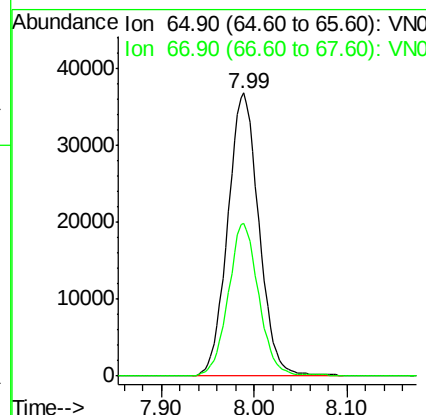
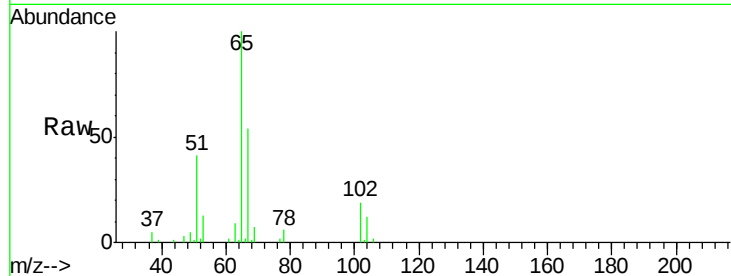




#33
 1,2-Dichloroethane-d4
 Concen: 48.530 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061208.D
 Acq: 30 Apr 2020 17:51

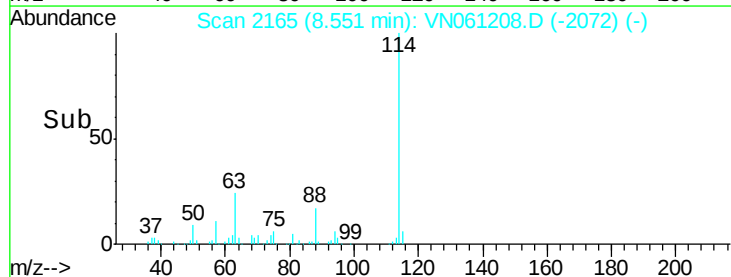
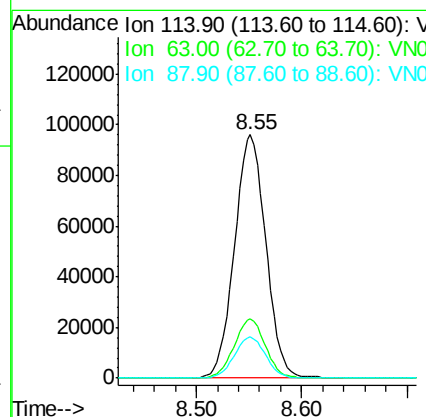
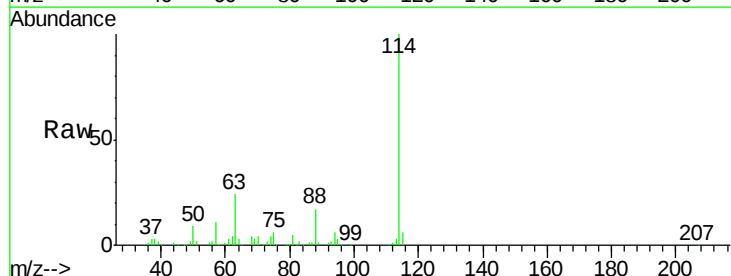
Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0246

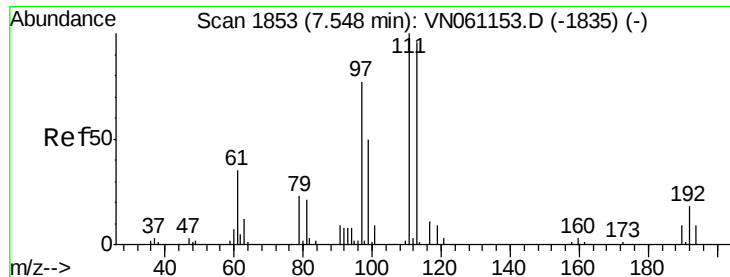
Tot Ion: 65 Resp: 85827
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061208.D
 Acq: 30 Apr 2020 17:51

Tgt Ion: 114 Resp: 197795
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.9 0.0 33.4

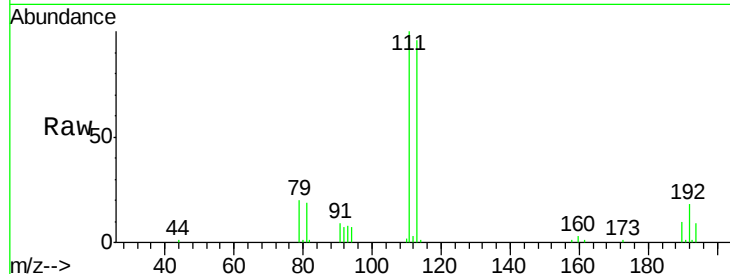




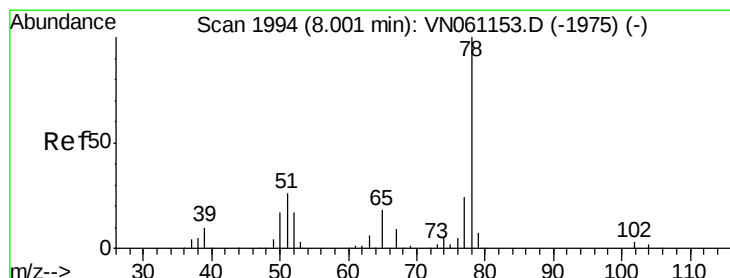
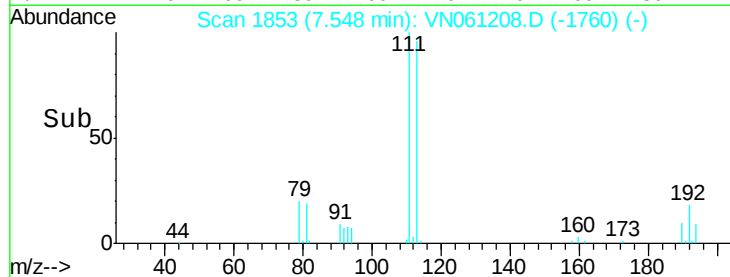
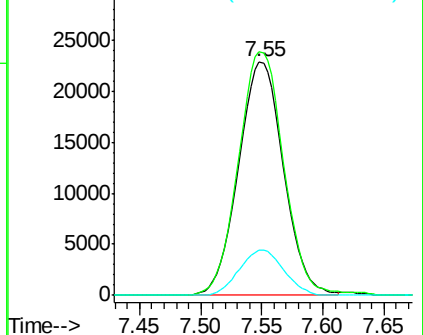
#35
 Dibromofluoromethane
 Concen: 49.926 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061208.D
 Acq: 30 Apr 2020 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0246

Tot Ion:113 Resp: 58394
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.9 124.3
 192 19.2 14.7 22.1

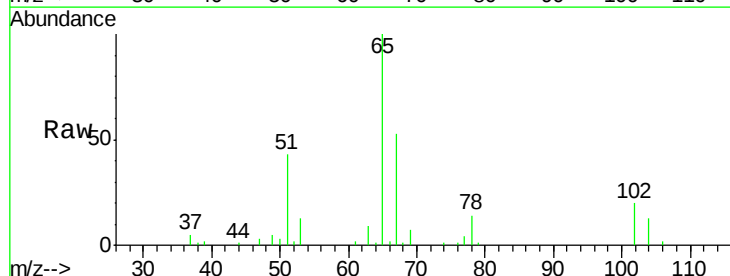


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

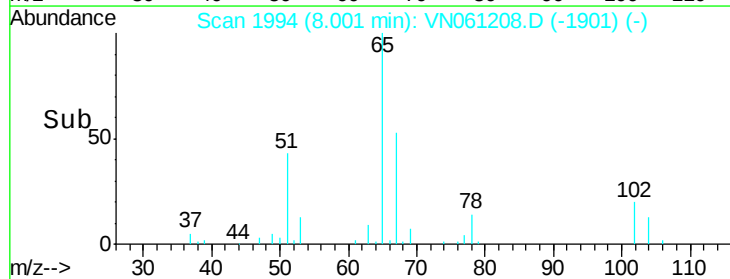
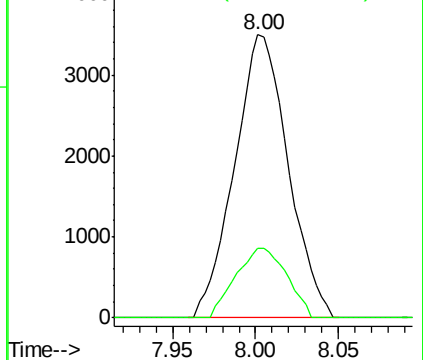


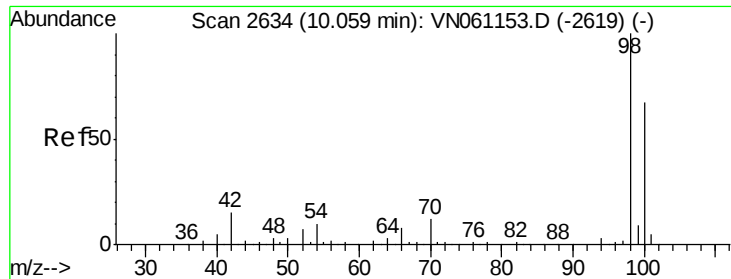
#40
 Benzene
 Concen: 1.334 ug/l
 RT: 8.00 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: VN061208.D
 Acq: 30 Apr 2020 17:51

Tgt Ion: 78 Resp: 7871
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 52.239 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061208.D

Acq: 30 Apr 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

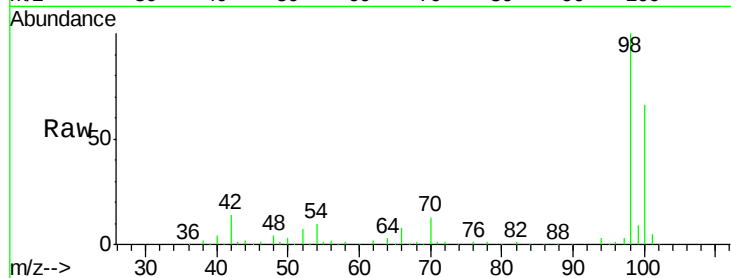
S73-0246

Tot Ion: 98 Resp: 249070

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

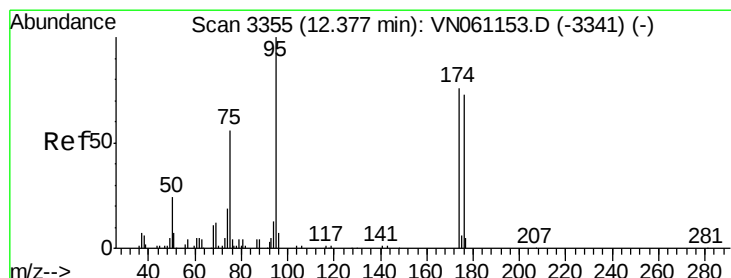
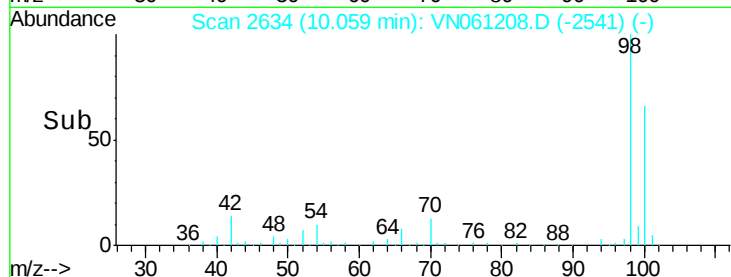
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.680 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061208.D

Acq: 30 Apr 2020 17:51

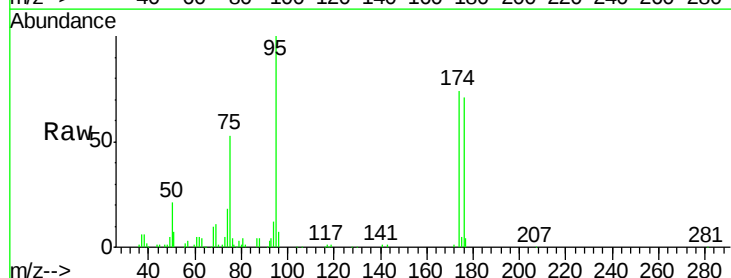
Tgt Ion: 95 Resp: 92727

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.4

176 71.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

12.38

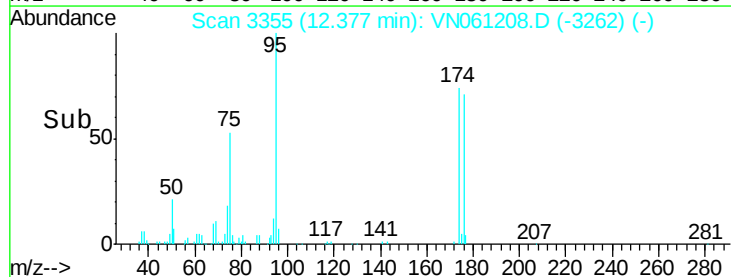
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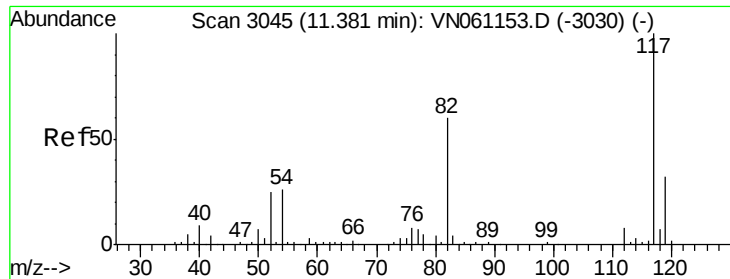
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20000

0

Time-->

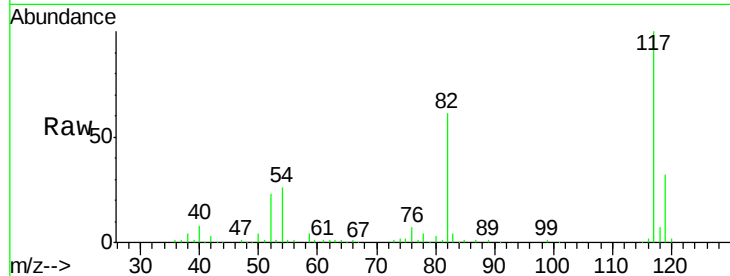




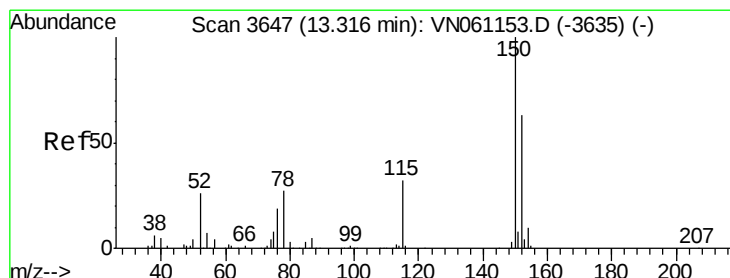
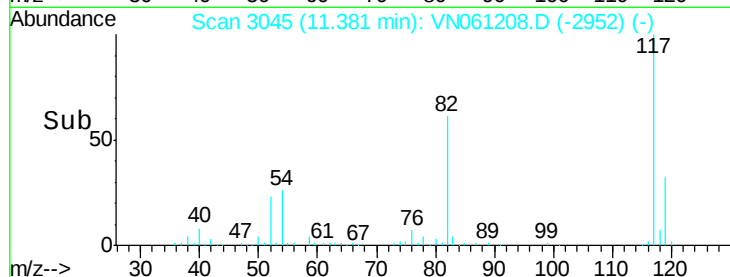
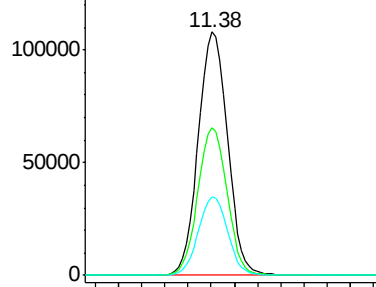
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061208.D
Acq: 30 Apr 2020 17:51

Instrument :
MSVOA_N
ClientSampled :
S73-0246

Tot Ion:117 Resp: 189806
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.2 25.8 38.6

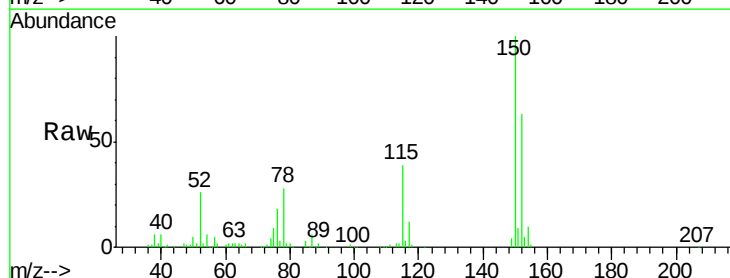


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061208.D
Acq: 30 Apr 2020 17:51

Tgt Ion:152 Resp: 85790
Ion Ratio Lower Upper
152 100
115 61.4 31.0 93.0
150 157.8 0.0 351.8



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

