

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061952.D
 Acq On : 19 Jun 2020 15:14
 Operator : JC/MD
 Sample : L2984-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0567

Quant Time: Jun 20 08:23:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

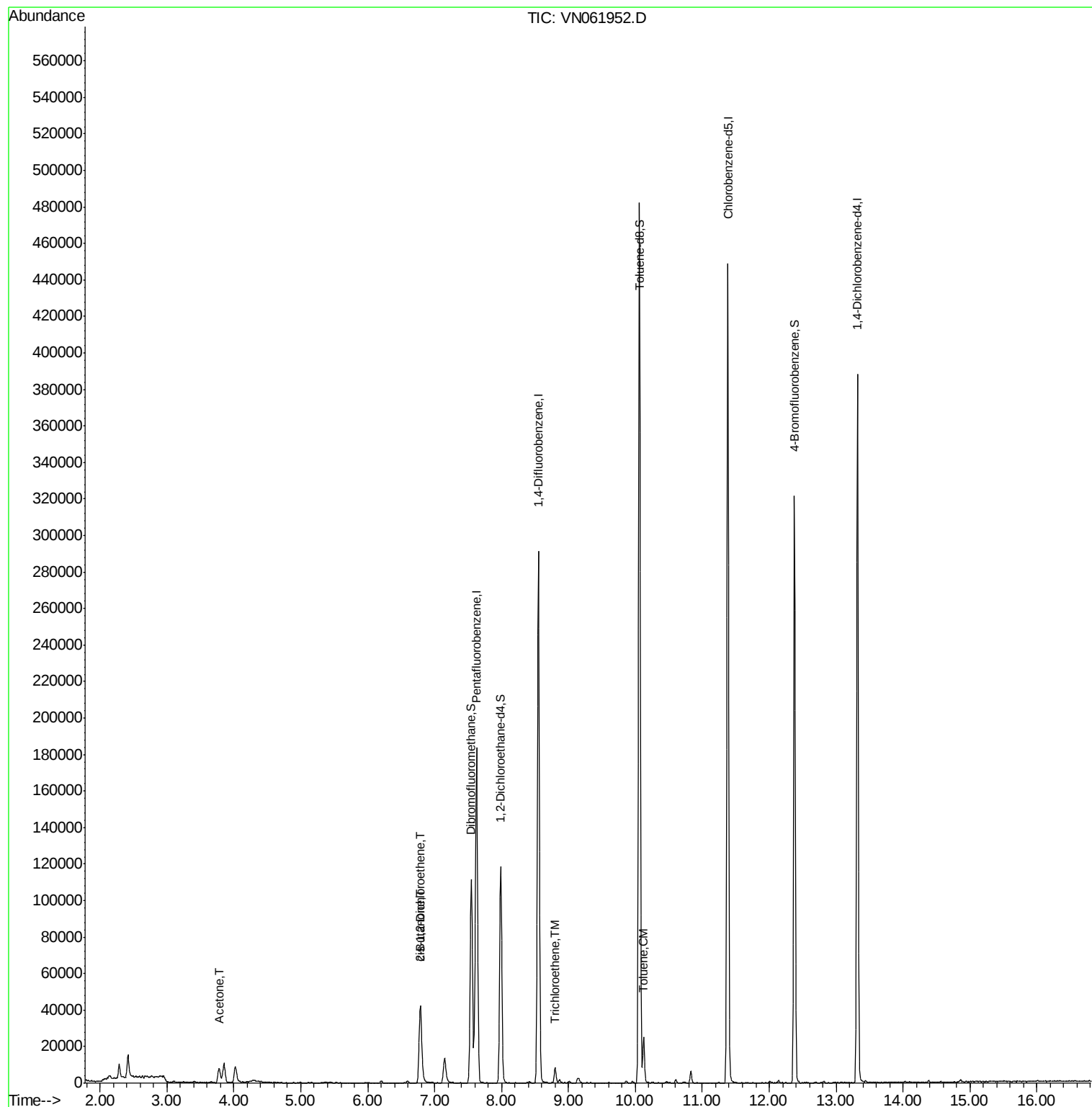
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99035	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.55	113	86594	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	335566	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.38	95	113230	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	3.78	43	14378	24.303	ug/l	93
25) 2-Butanone	6.79	43	69592	80.625	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	1913	0.951	ug/l	71
44) Trichloroethene	8.80	130	3408	1.736	ug/l	94
52) Toluene	10.12	92	11169	2.384	ug/l	96

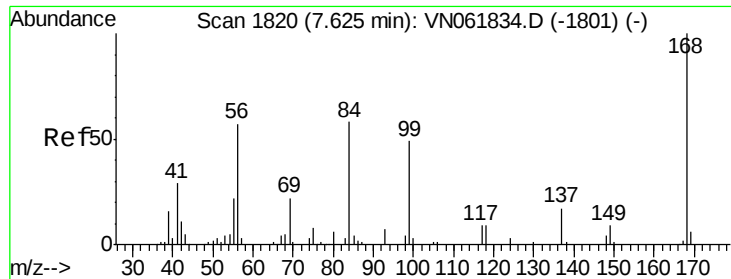
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061952.D
Acq On : 19 Jun 2020 15:14
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

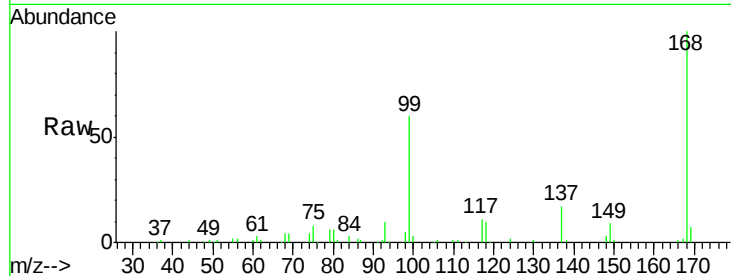
S49-0567

Tot Ion:168 Resp: 149340

Ion Ratio Lower Upper

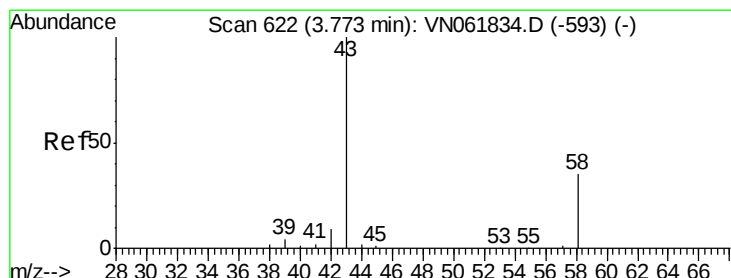
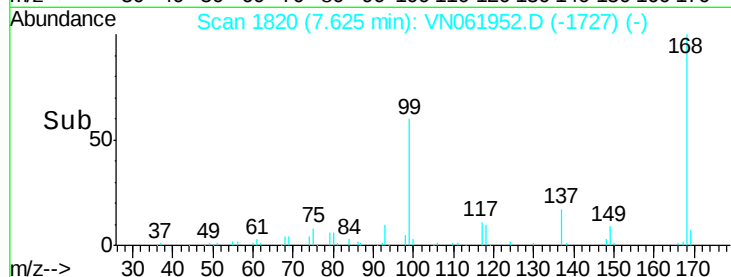
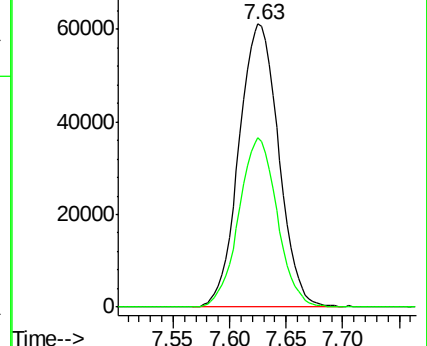
168 100

99 59.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 24.303 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061952.D

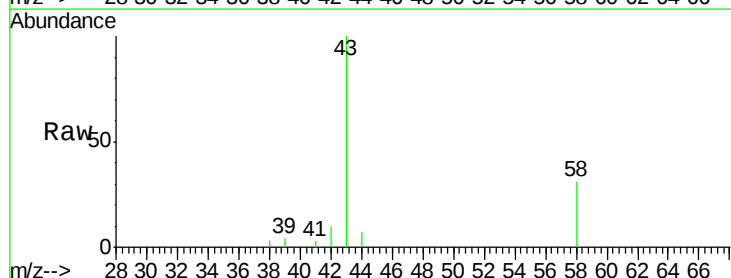
Acq: 19 Jun 2020 15:14

Tgt Ion: 43 Resp: 14378

Ion Ratio Lower Upper

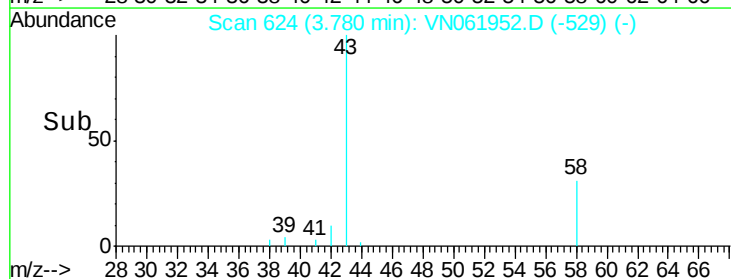
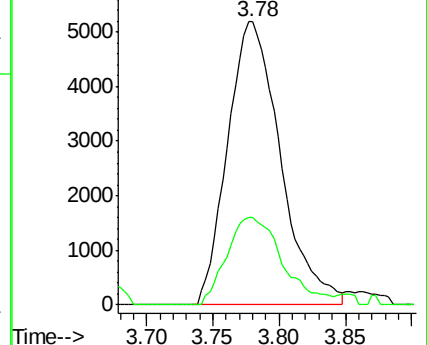
43 100

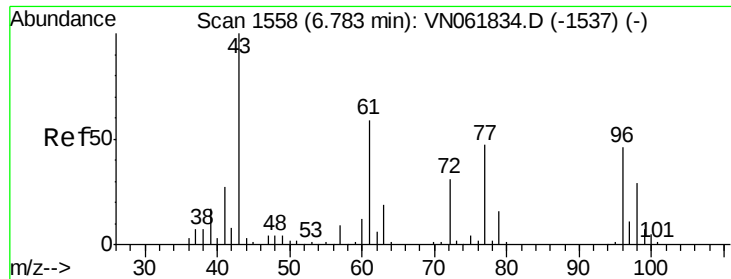
58 31.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

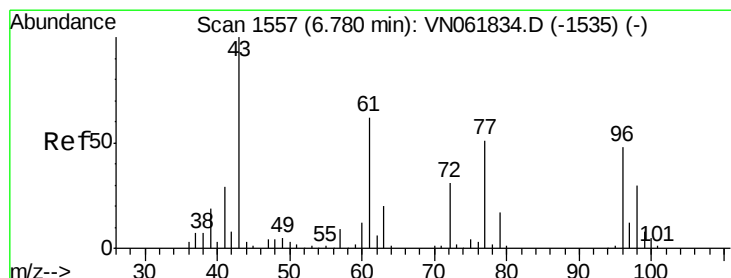
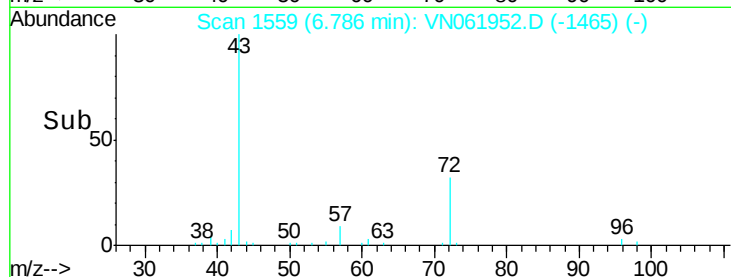
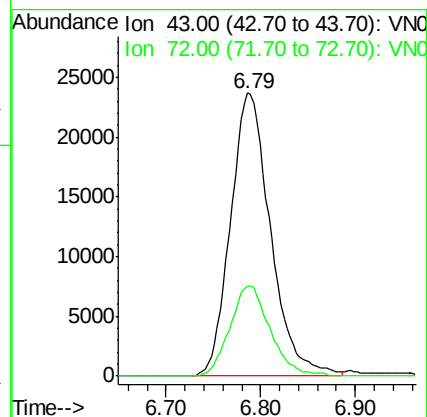
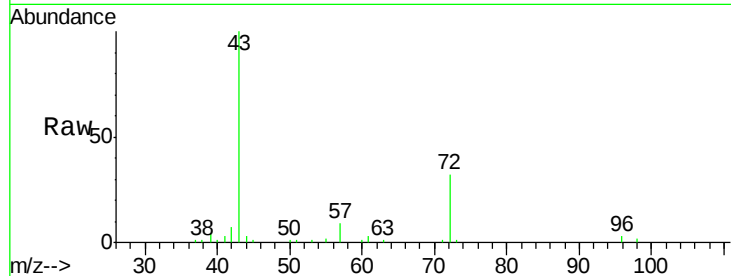




#25
2-Butanone
Concen: 80.625 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061952.D
Acq: 19 Jun 2020 15:14

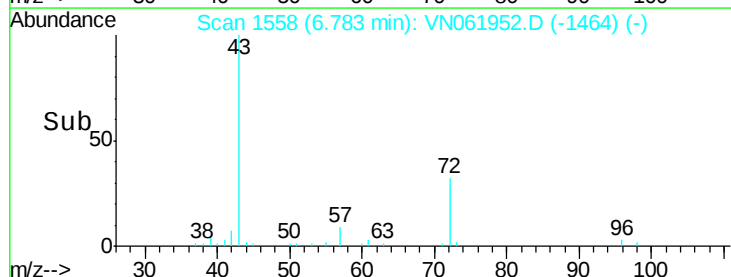
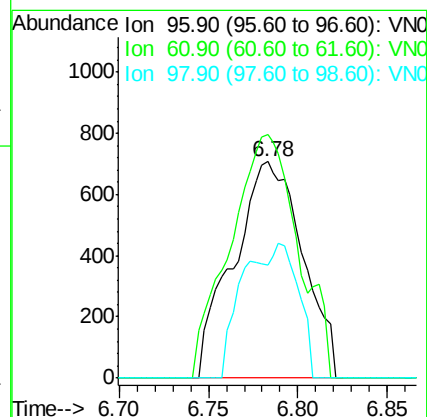
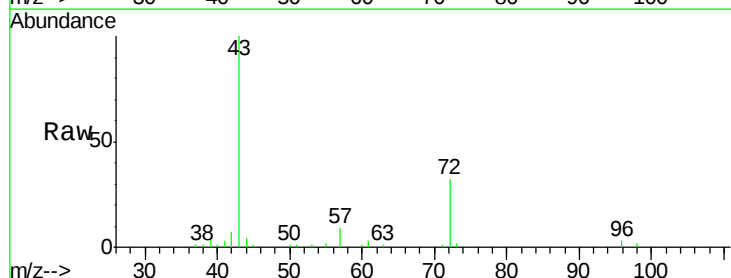
Instrument :
MSVOA_N
ClientSampled :
S49-0567

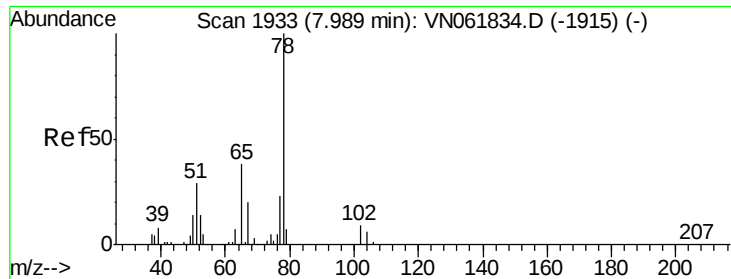
Tot Ion: 43 Resp: 69592
Ion Ratio Lower Upper
43 100
72 31.6 24.6 37.0



#27
cis-1,2-Dichloroethene
Concen: 0.951 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061952.D
Acq: 19 Jun 2020 15:14

Tgt Ion: 96 Resp: 1913
Ion Ratio Lower Upper
96 100
61 110.6 0.0 265.6
98 25.7 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

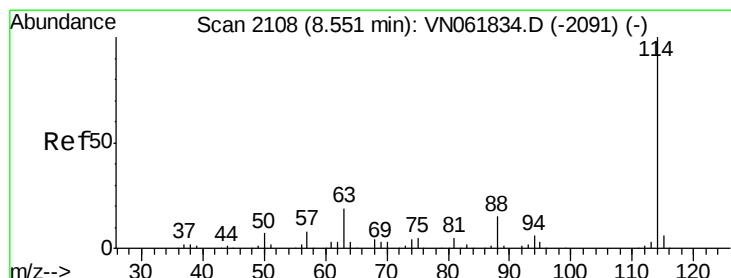
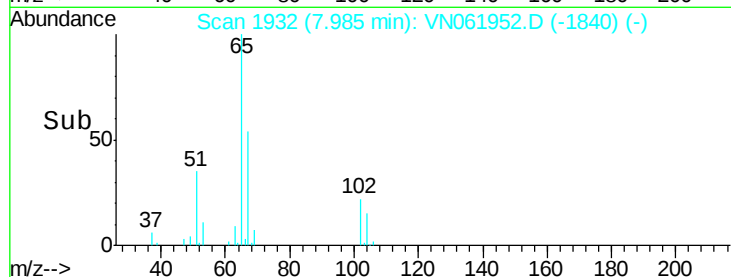
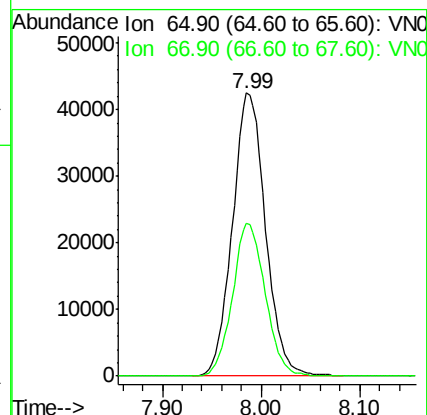
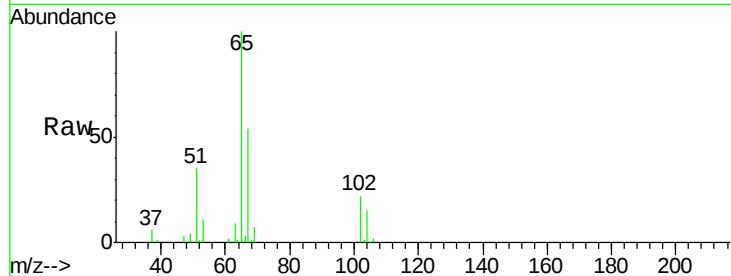
S49-0567

Tot Ion: 65 Resp: 99035

Ion Ratio Lower Upper

65 100

67 53.1 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: VN061952.D

Acq: 19 Jun 2020 15:14

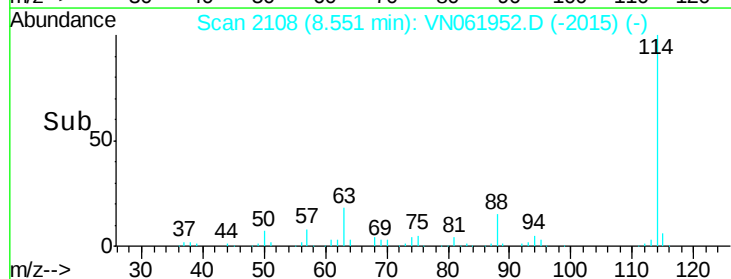
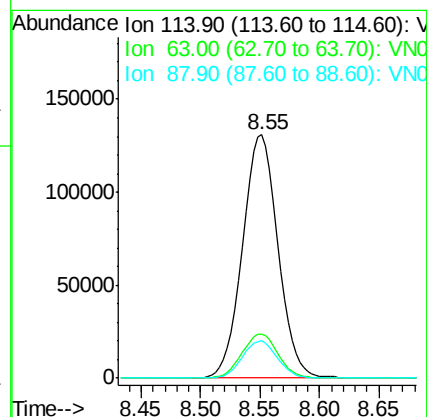
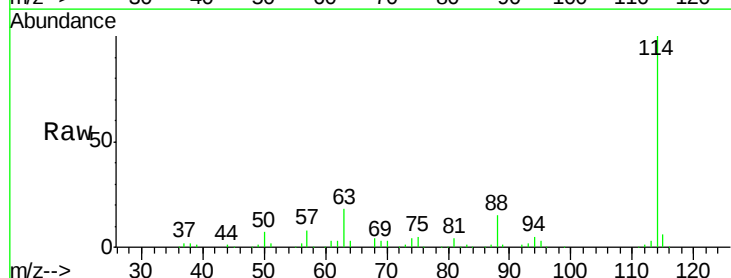
Tgt Ion: 114 Resp: 270039

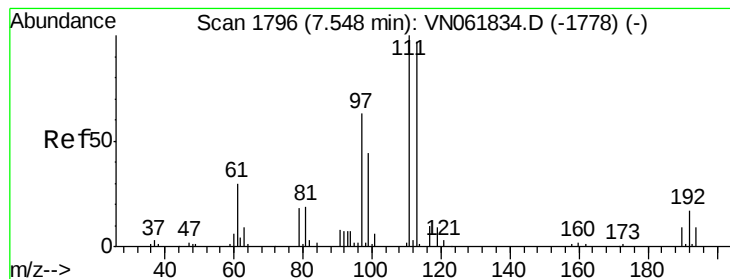
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.6

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.125 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

S49-0567

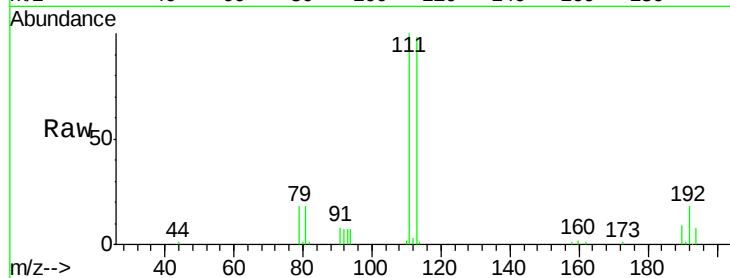
Tot Ion:113 Resp: 86594

Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

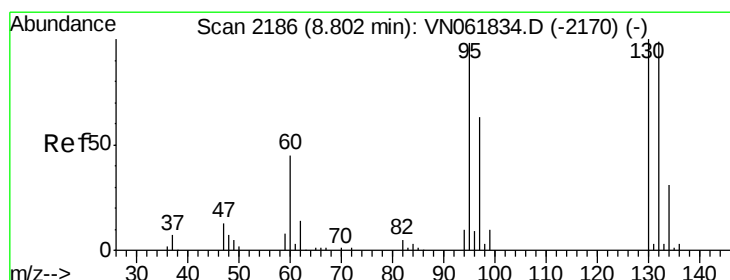
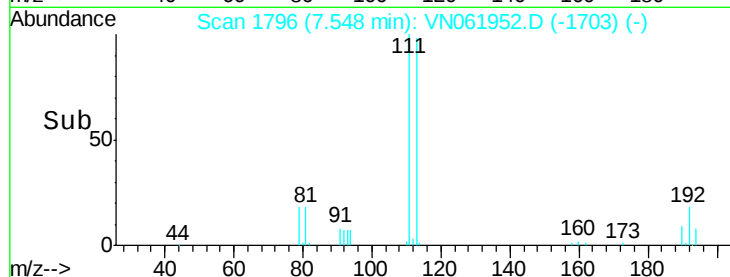
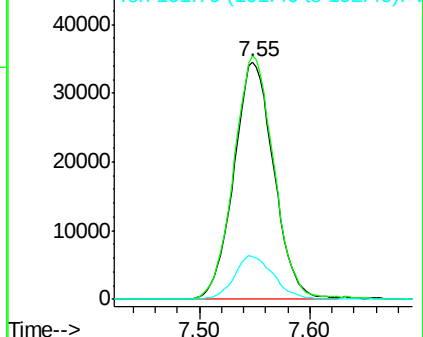
192 18.0 13.9 20.9



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



#44

Trichloroethene

Concen: 1.736 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061952.D

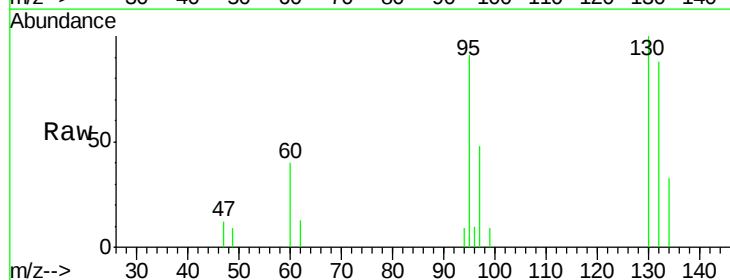
Acq: 19 Jun 2020 15:14

Tgt Ion:130 Resp: 3408

Ion Ratio Lower Upper

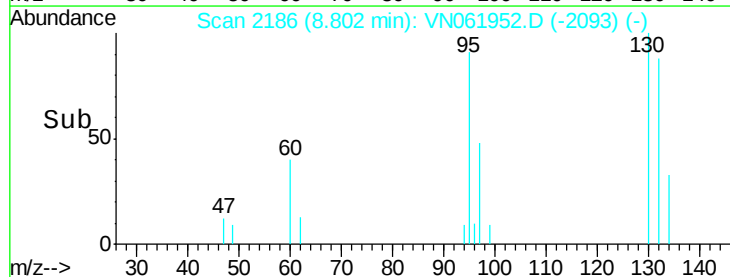
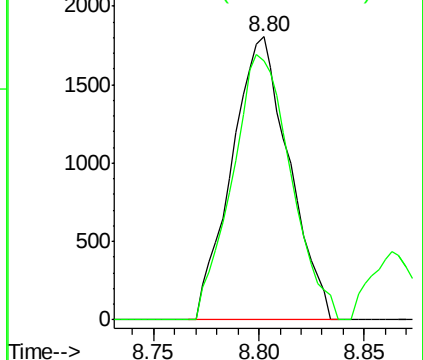
130 100

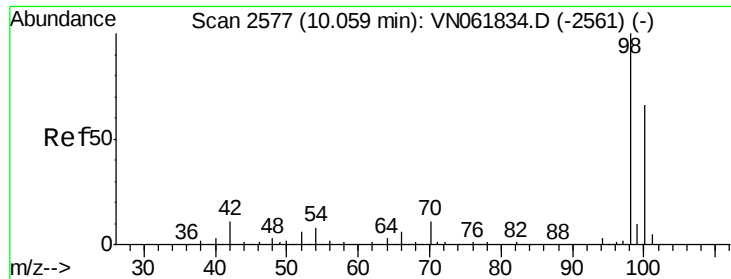
95 91.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

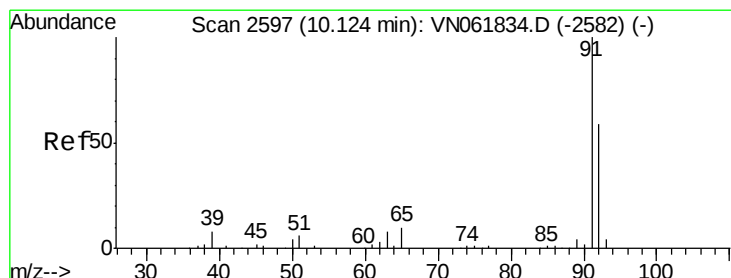
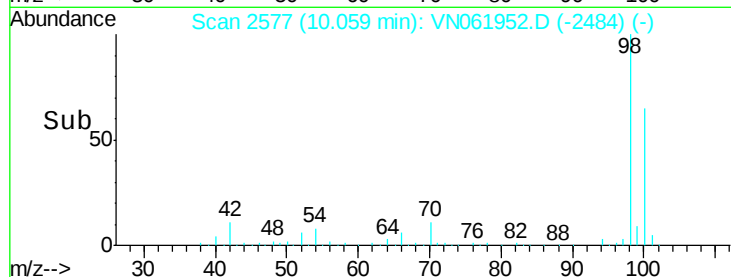
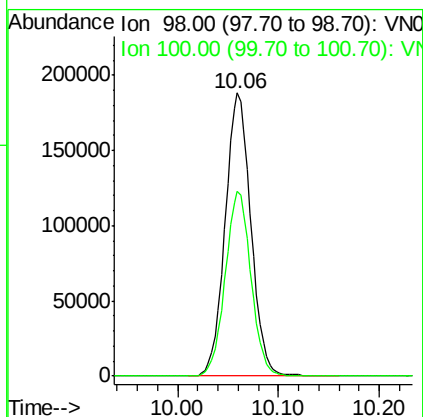
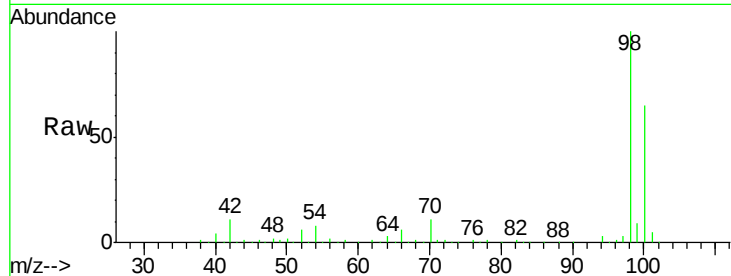




#50
Toluene-d8
Concen: 49.408 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061952.D
Acq: 19 Jun 2020 15:14

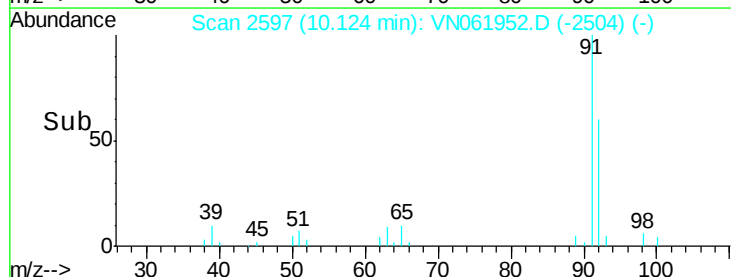
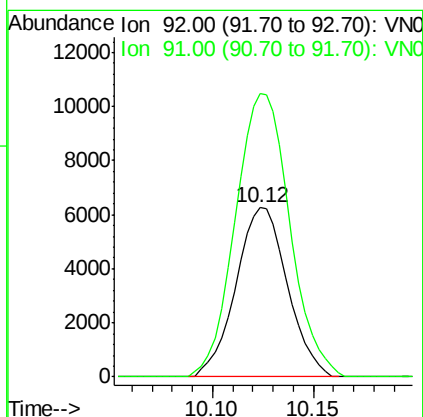
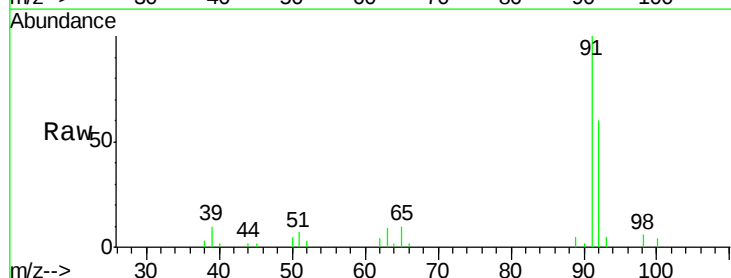
Instrument :
MSVOA_N
ClientSampleId :
S49-0567

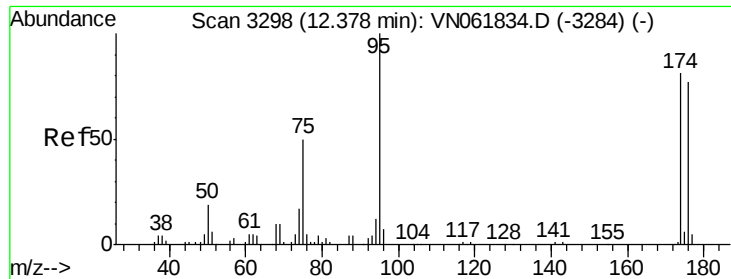
Tot Ion: 98 Resp: 335566
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#52
Toluene
Concen: 2.384 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061952.D
Acq: 19 Jun 2020 15:14

Tgt Ion: 92 Resp: 11169
Ion Ratio Lower Upper
92 100
91 176.6 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 48.603 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

S49-0567

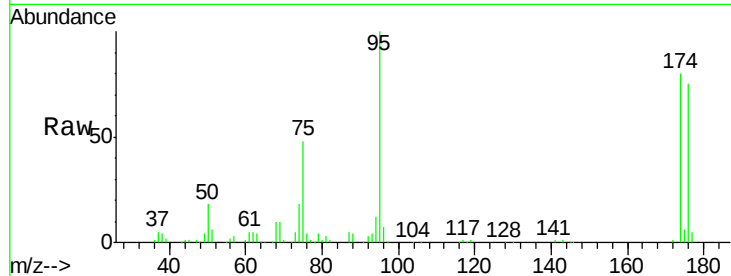
Tot Ion: 95 Resp: 113230

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.6

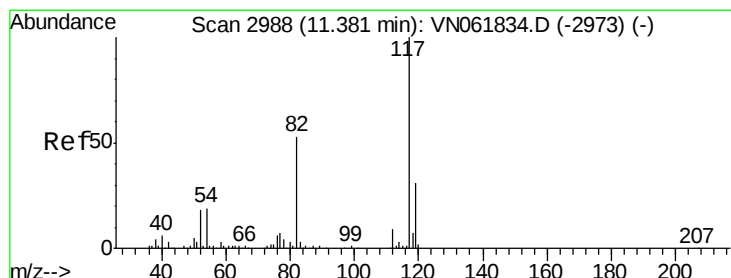
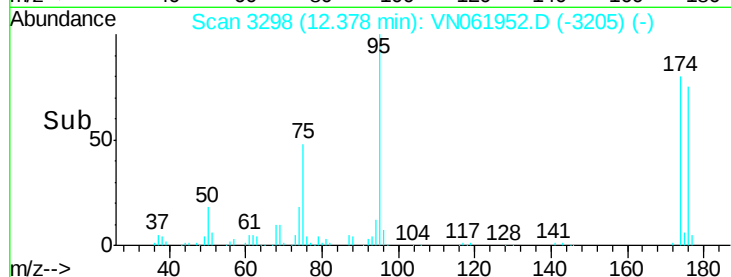
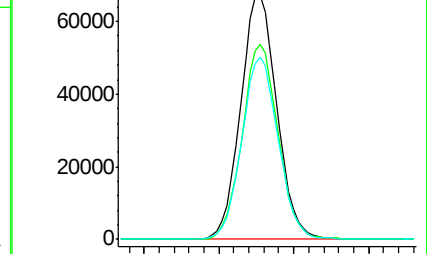
176 75.1 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

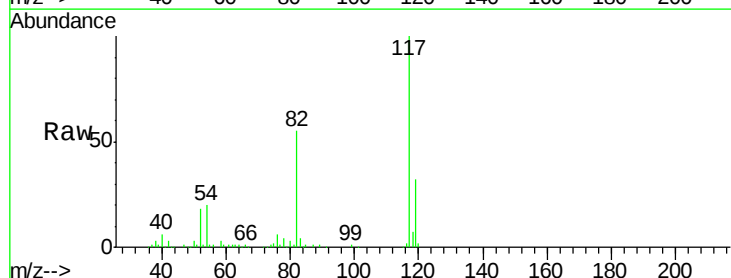
Tgt Ion: 117 Resp: 260451

Ion Ratio Lower Upper

117 100

82 55.2 42.6 64.0

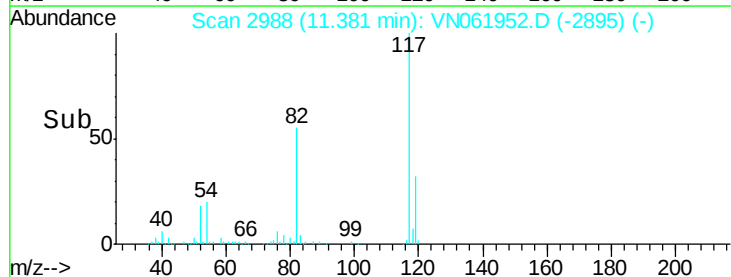
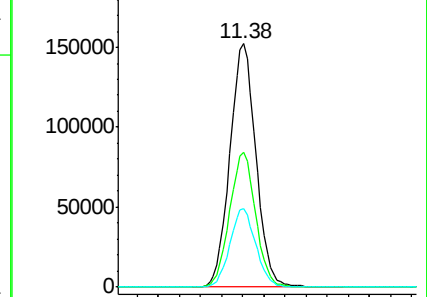
119 32.0 24.7 37.1

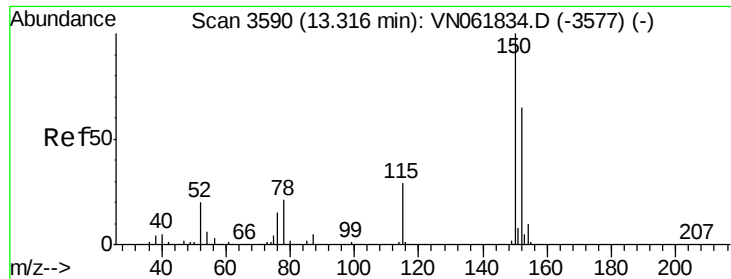


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061952.D

Acq: 19 Jun 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

S49-0567

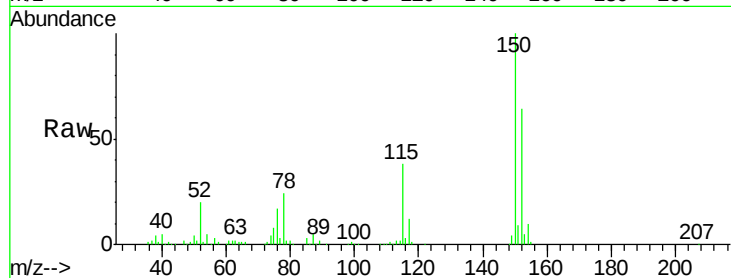
Tot Ion:152 Resp: 105537

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.3

150 157.6 0.0 347.6



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

