

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061953.D
 Acq On : 19 Jun 2020 15:38
 Operator : JC/MD
 Sample : L2984-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2020-1

Quant Time: Jun 20 07:34:41 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

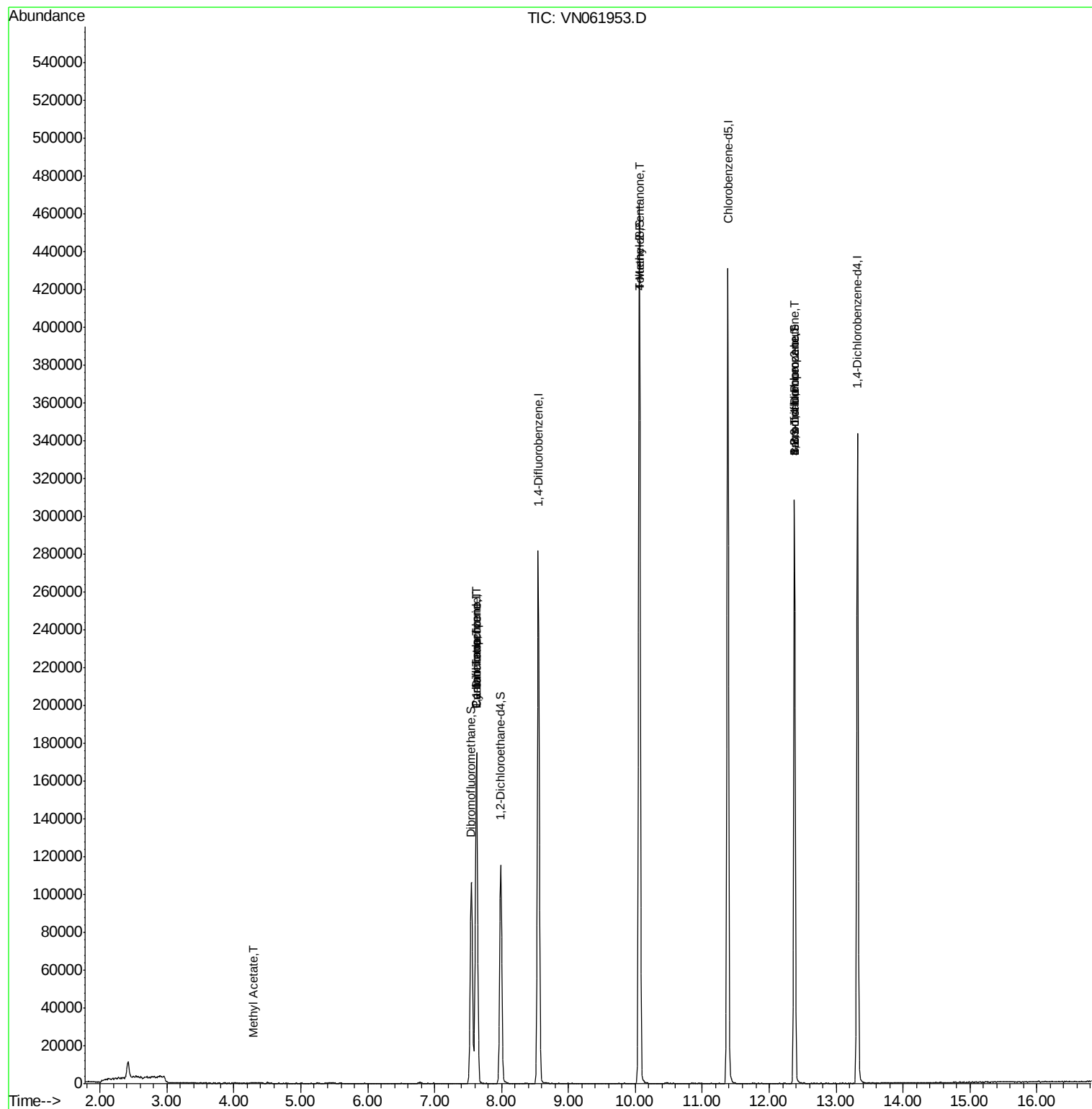
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	142393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97597	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	7.55	113	83580	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	327997	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	107671	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.29	43	960	0.591	ug/l #	46
31) Cyclohexane	7.62	56	2888	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11358	4.774	ug/l #	47
38) Carbon Tetrachloride	7.63	117	14256	6.051	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1267	0.685	ug/l #	1
71) Bromoform	12.38	173	1150	0.844	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53275	28.762	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53275	78.446	ug/l #	14

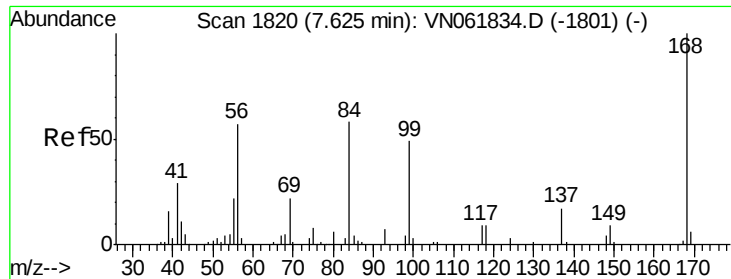
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
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QLast Update : Wed Jun 17 01:19:44 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: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

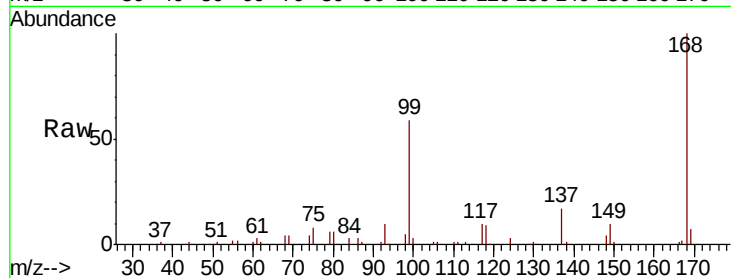
S49-TB-2020-1

Tot Ion:168 Resp: 142393

Ion Ratio Lower Upper

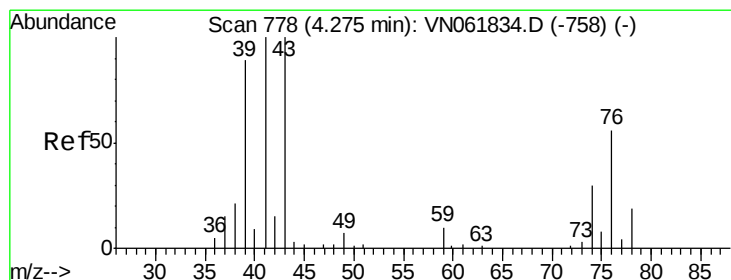
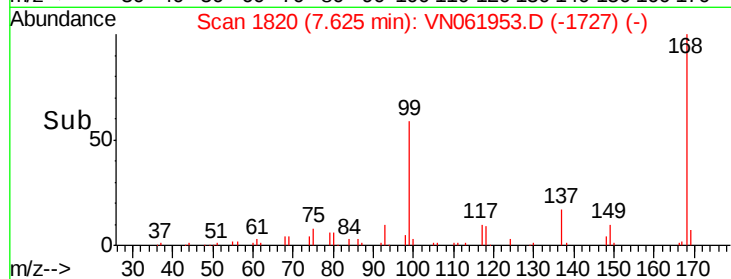
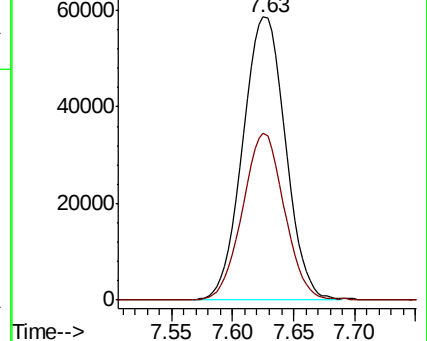
168 100

99 59.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#18

Methyl Acetate

Concen: 0.591 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN061953.D

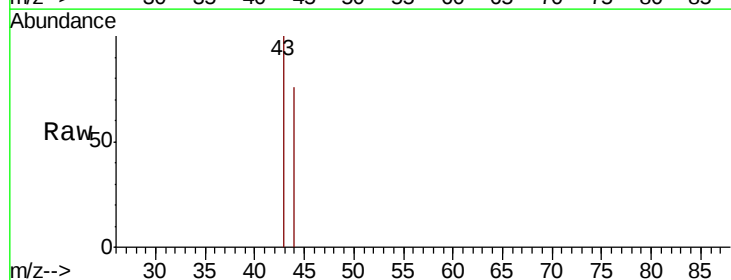
Acq: 19 Jun 2020 15:38

Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

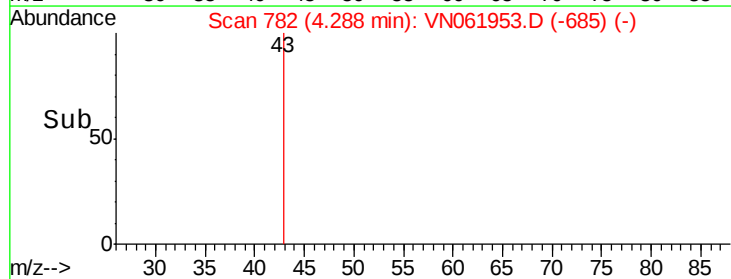
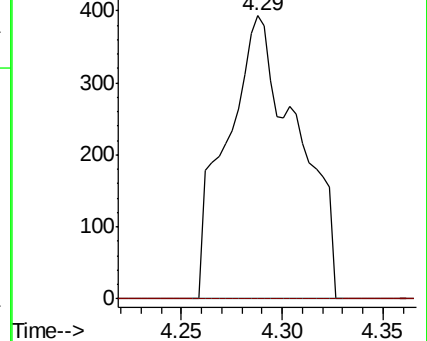
43 100

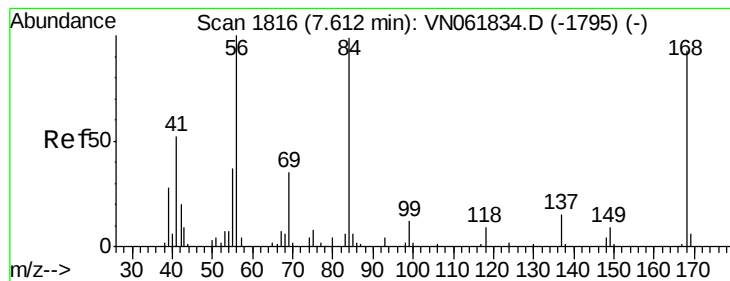
74 0.0 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

S49-TB-2020-1

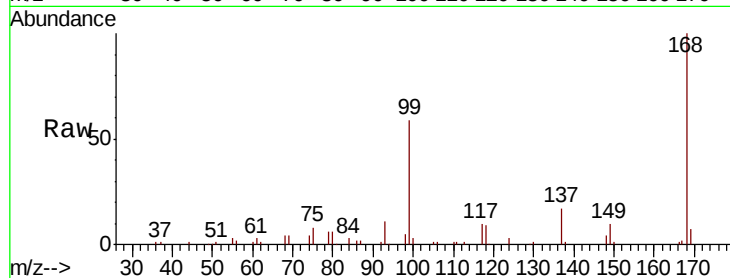
Tot Ion: 56 Resp: 2888

Ion Ratio Lower Upper

56 100

69 189.3 27.7 41.5#

84 163.3 79.1 118.7#

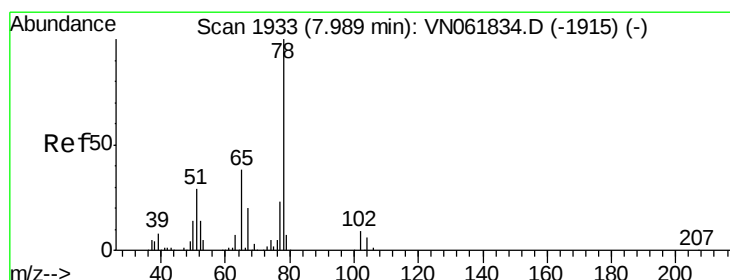
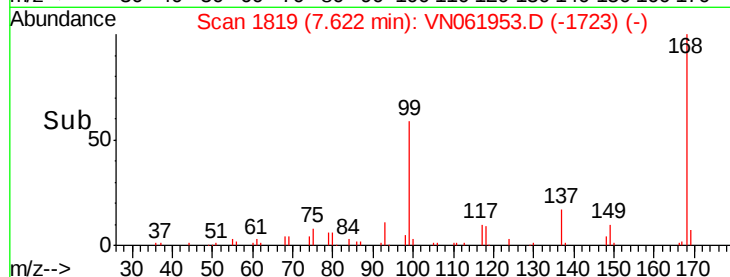
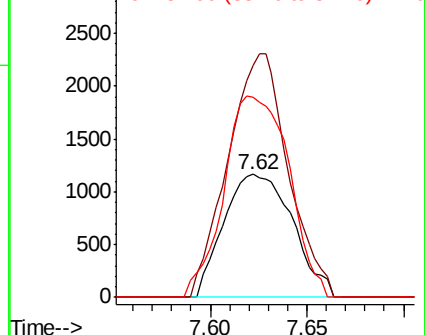


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.106 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061953.D

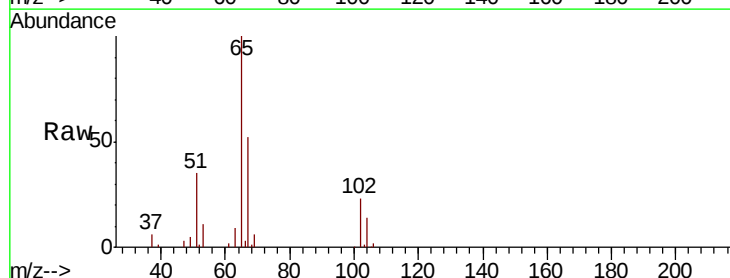
Acq: 19 Jun 2020 15:38

Tgt Ion: 65 Resp: 97597

Ion Ratio Lower Upper

65 100

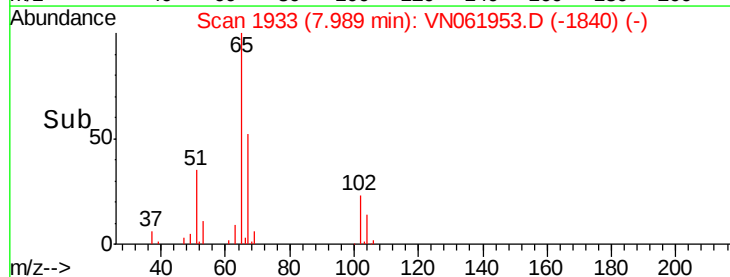
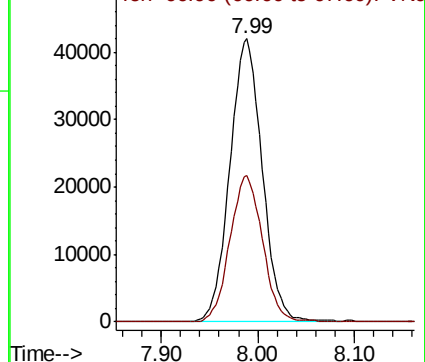
67 52.1 0.0 106.2

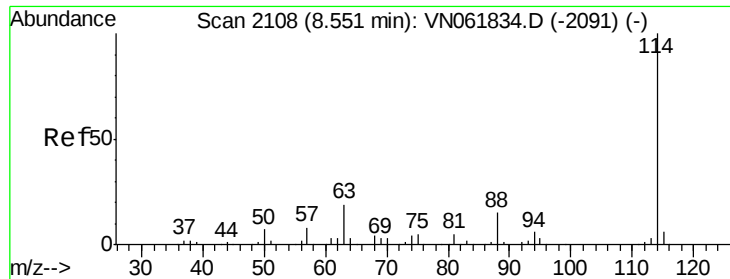


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

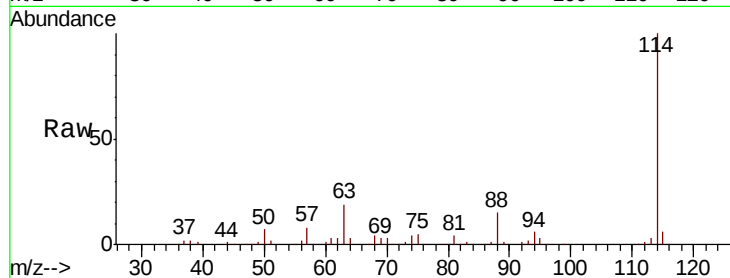




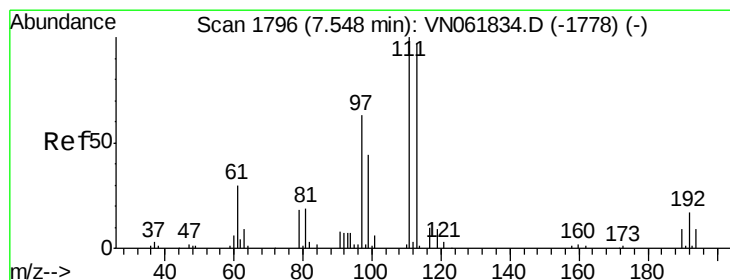
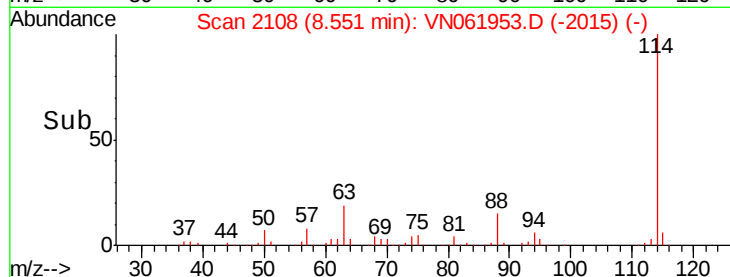
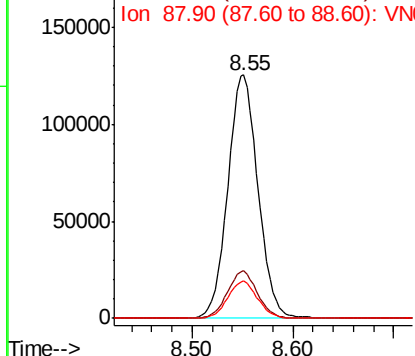
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2020-1

Tot Ion:114 Resp: 260844
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.4 0.0 31.0

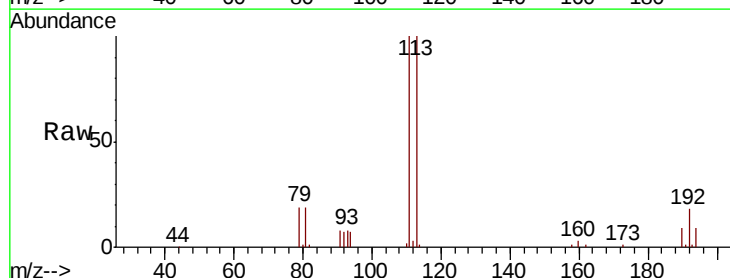


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

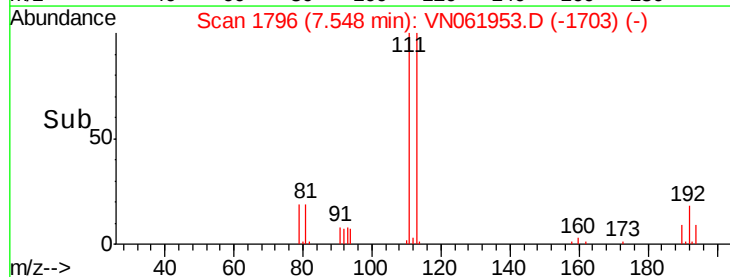
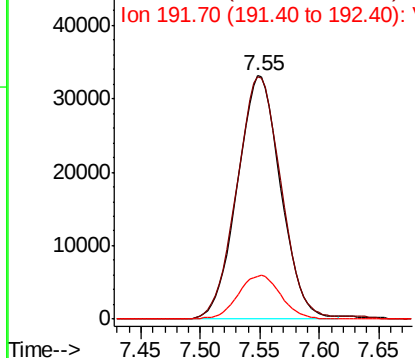


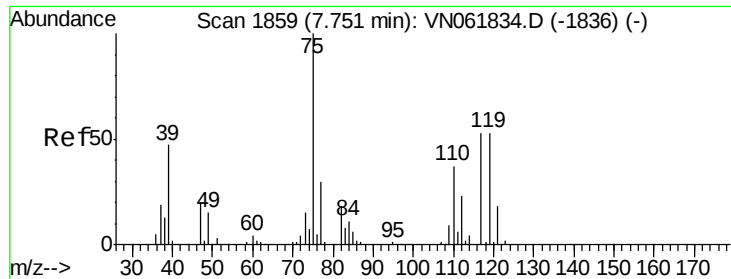
#35
 Dibromofluoromethane
 Concen: 50.086 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Tgt Ion:113 Resp: 83580
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.7 125.5
 192 17.7 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

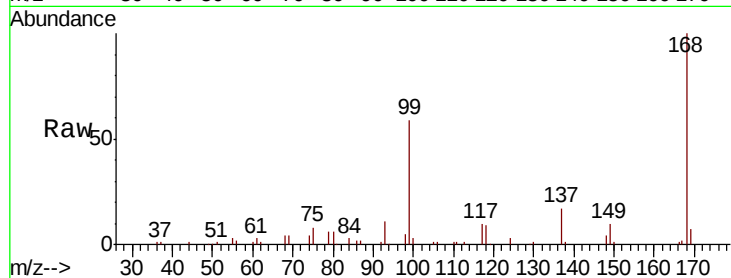




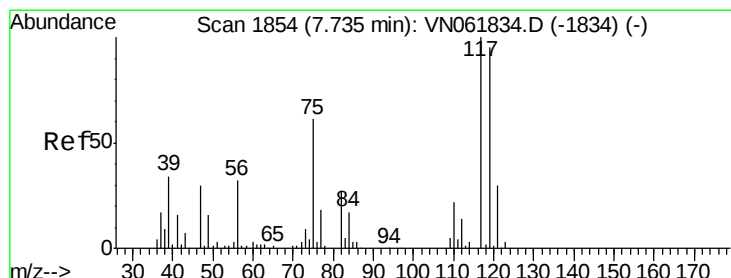
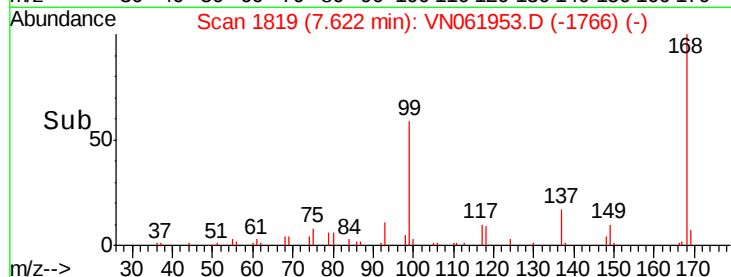
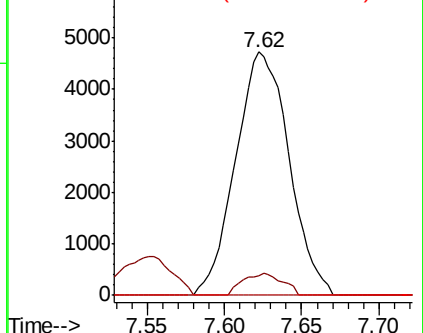
#36
 1,1-Dichloropropene
 Concen: 4.774 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2020-1

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	18.2	54.6#
77	0.0	24.2	36.4#

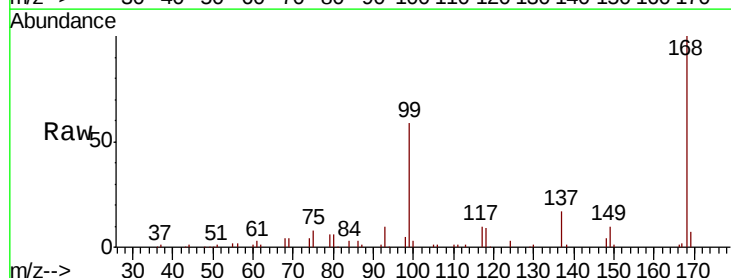


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-1836) (-)
 Ion 109.90 (109.60 to 110.60): VN061834.D (-1836) (-)
 Ion 76.90 (76.60 to 77.60): VN061834.D (-1836) (-)

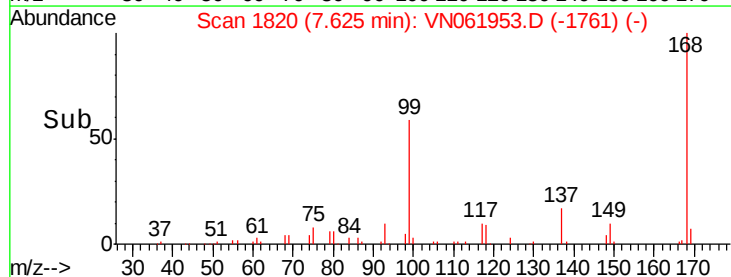
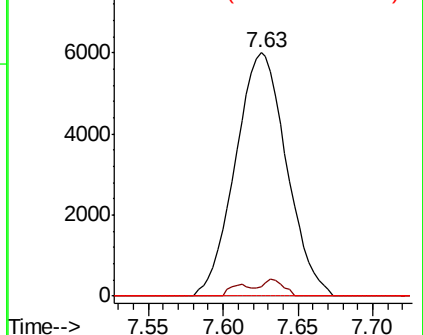


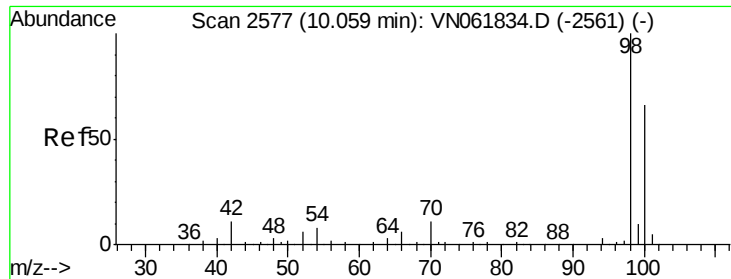
#38
 Carbon Tetrachloride
 Concen: 6.051 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.6#
121	0.0	23.8	35.6#



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)
 Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)
 Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)





#50

Toluene-d8

Concen: 49.996 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

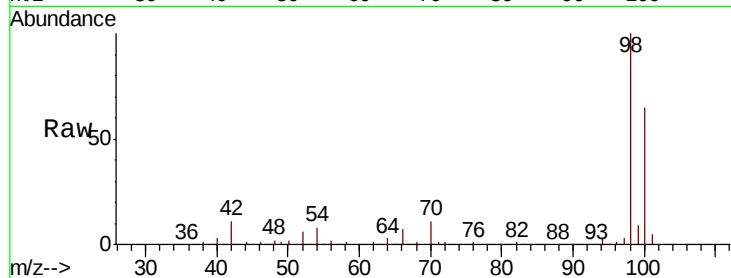
S49-TB-2020-1

Tot Ion: 98 Resp: 327997

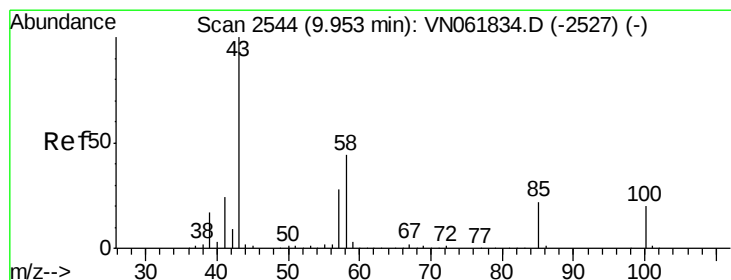
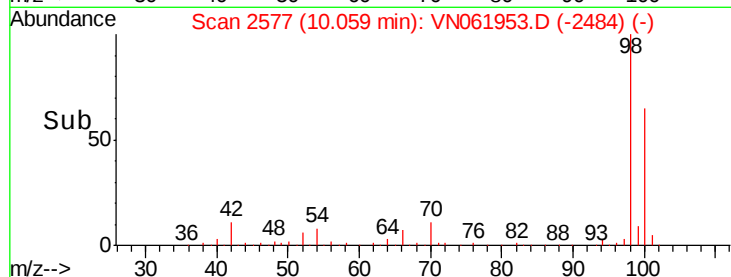
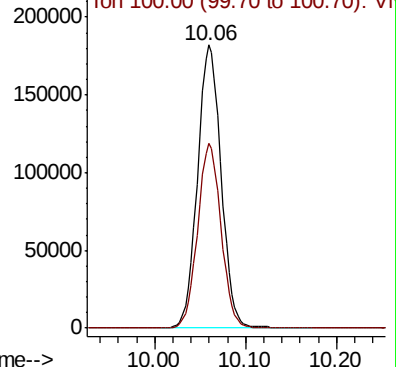
Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.685 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061953.D

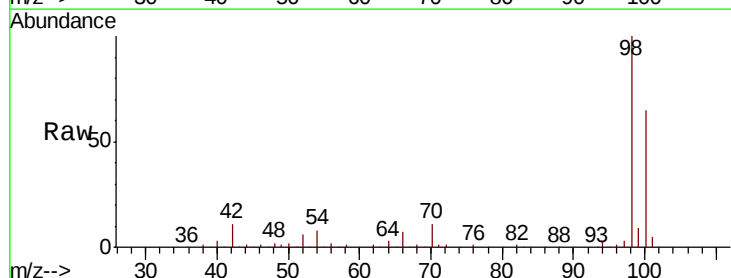
Acq: 19 Jun 2020 15:38

Tgt Ion: 43 Resp: 1267

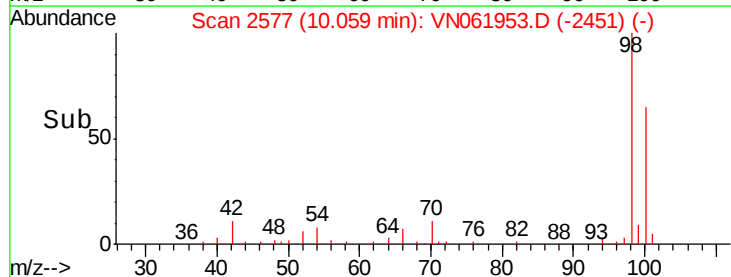
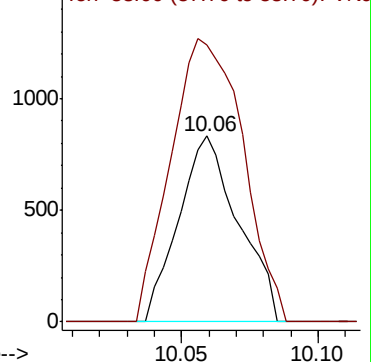
Ion Ratio Lower Upper

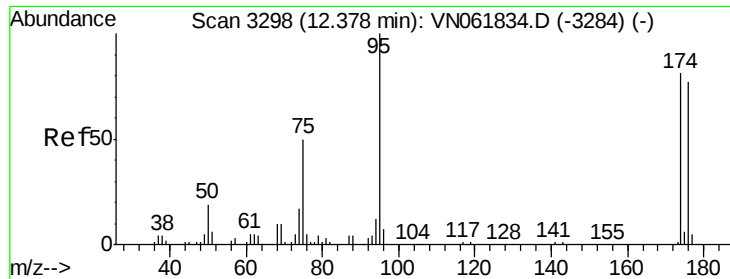
43 100

58 184.0 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)





#62

4-Bromofluorobenzene

Concen: 47.846 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

S49-TB-2020-1

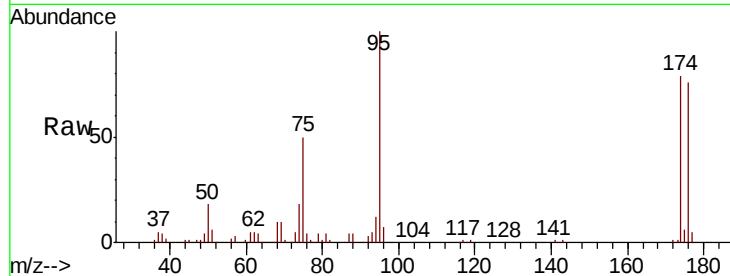
Tot Ion: 95 Resp: 107671

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.6

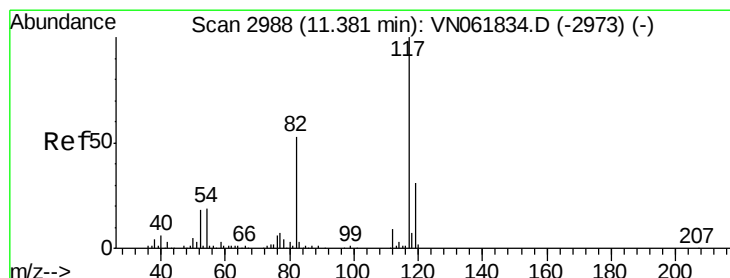
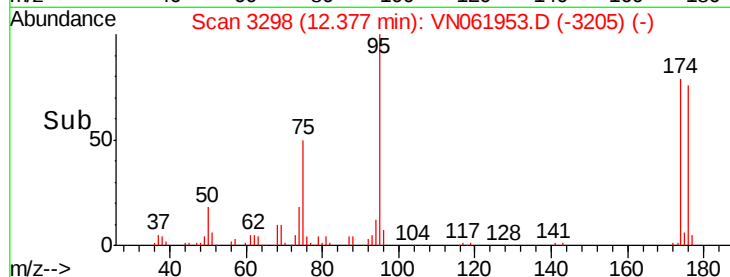
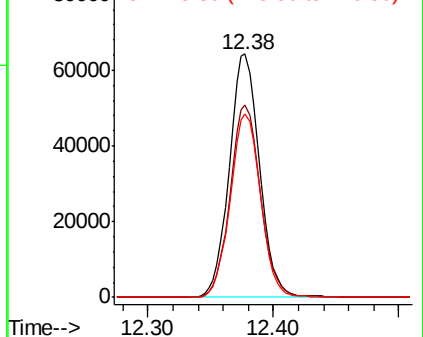
176 75.5 0.0 152.0



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: VN061953.D

Acq: 19 Jun 2020 15:38

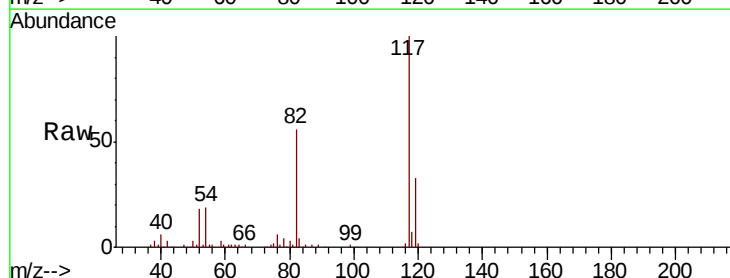
Tgt Ion: 117 Resp: 253852

Ion Ratio Lower Upper

117 100

82 55.6 42.6 64.0

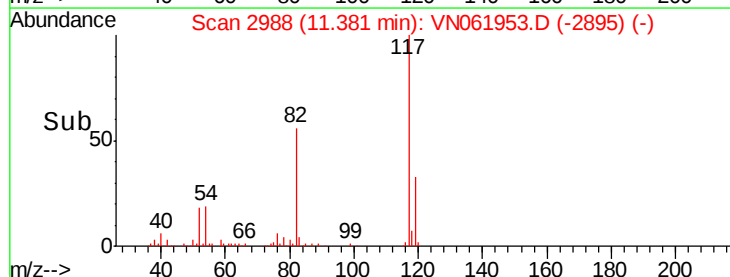
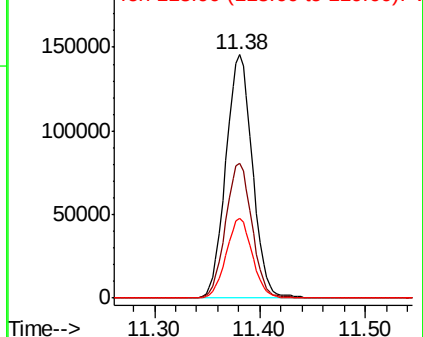
119 32.8 24.7 37.1

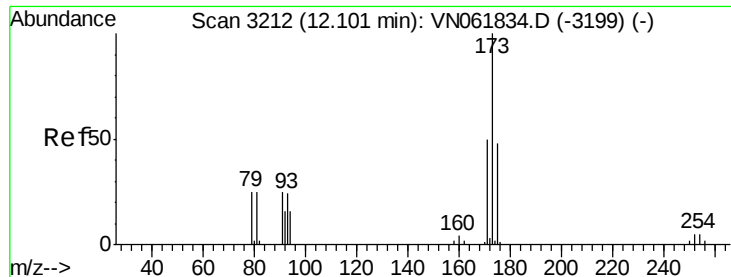


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

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

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





#71

Bromoform

Concen: 0.844 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.28 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

S49-TB-2020-1

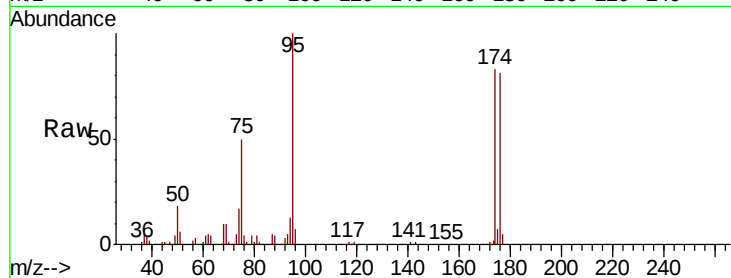
Tot Ion:173 Resp: 1150

Ion Ratio Lower Upper

173 100

175 478.1 23.9 71.7#

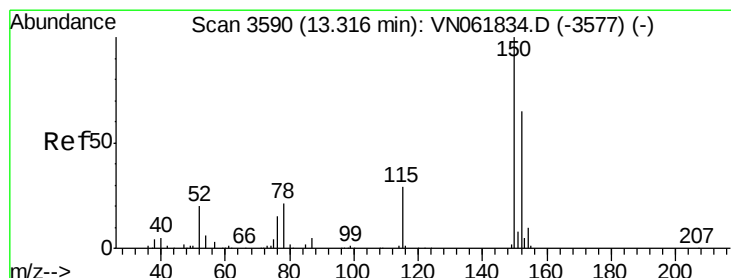
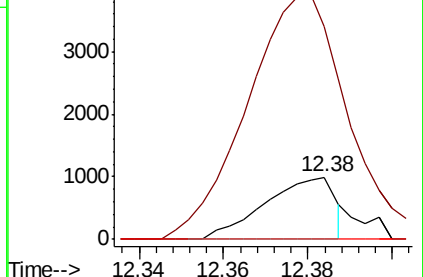
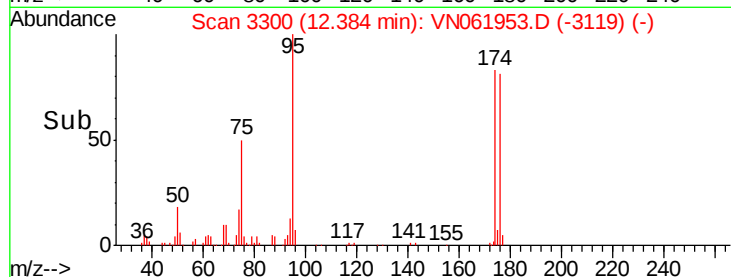
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

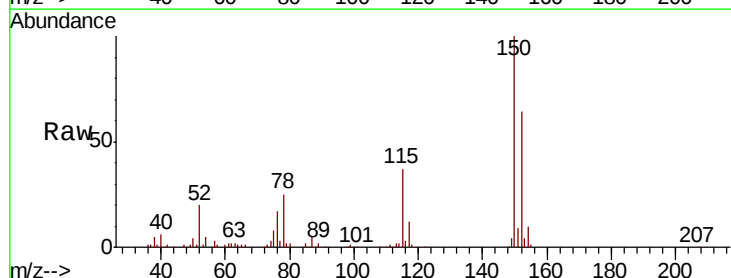
Tgt Ion:152 Resp: 94347

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

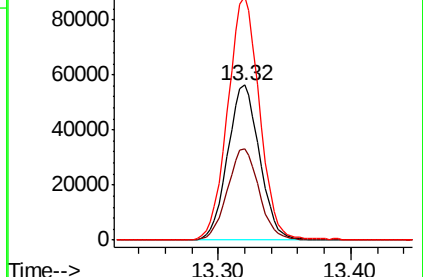
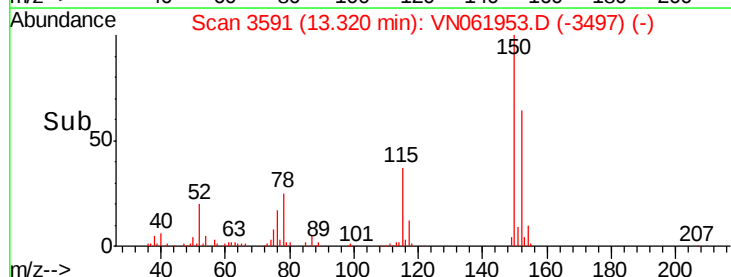
150 156.1 0.0 347.6

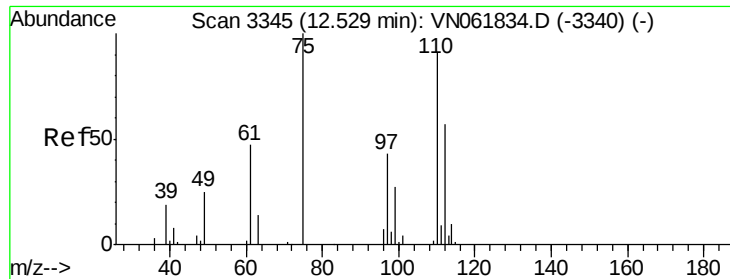


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

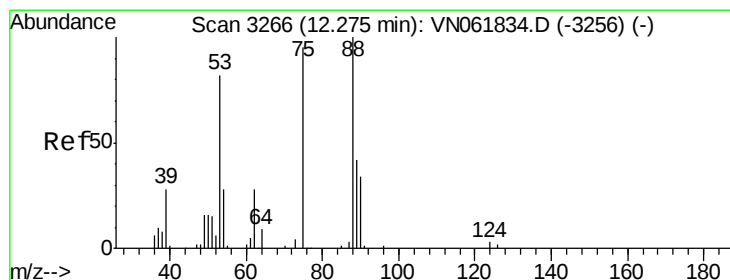
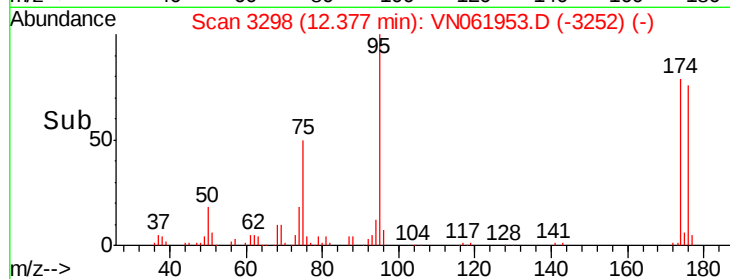
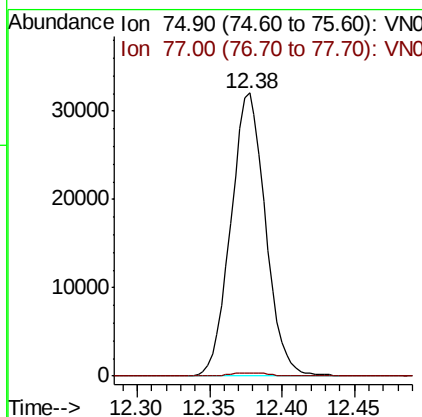
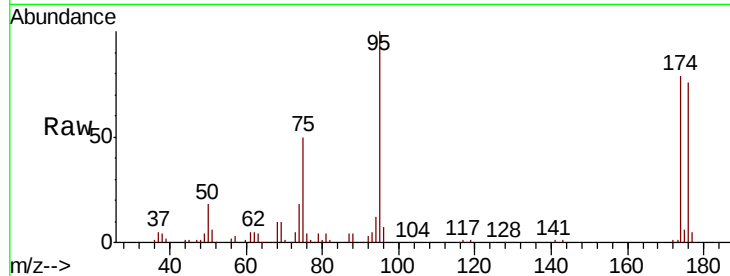




#76
 1,2,3-Trichloropropane
 Concen: 28.762 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2020-1

Tot Ion: 75 Resp: 53275
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.446 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Tgt Ion: 75 Resp: 53275
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#

