

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061226.D
 Acq On : 1 May 2020 13:35
 Operator : JC/MD
 Sample : L2445-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:53:32 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

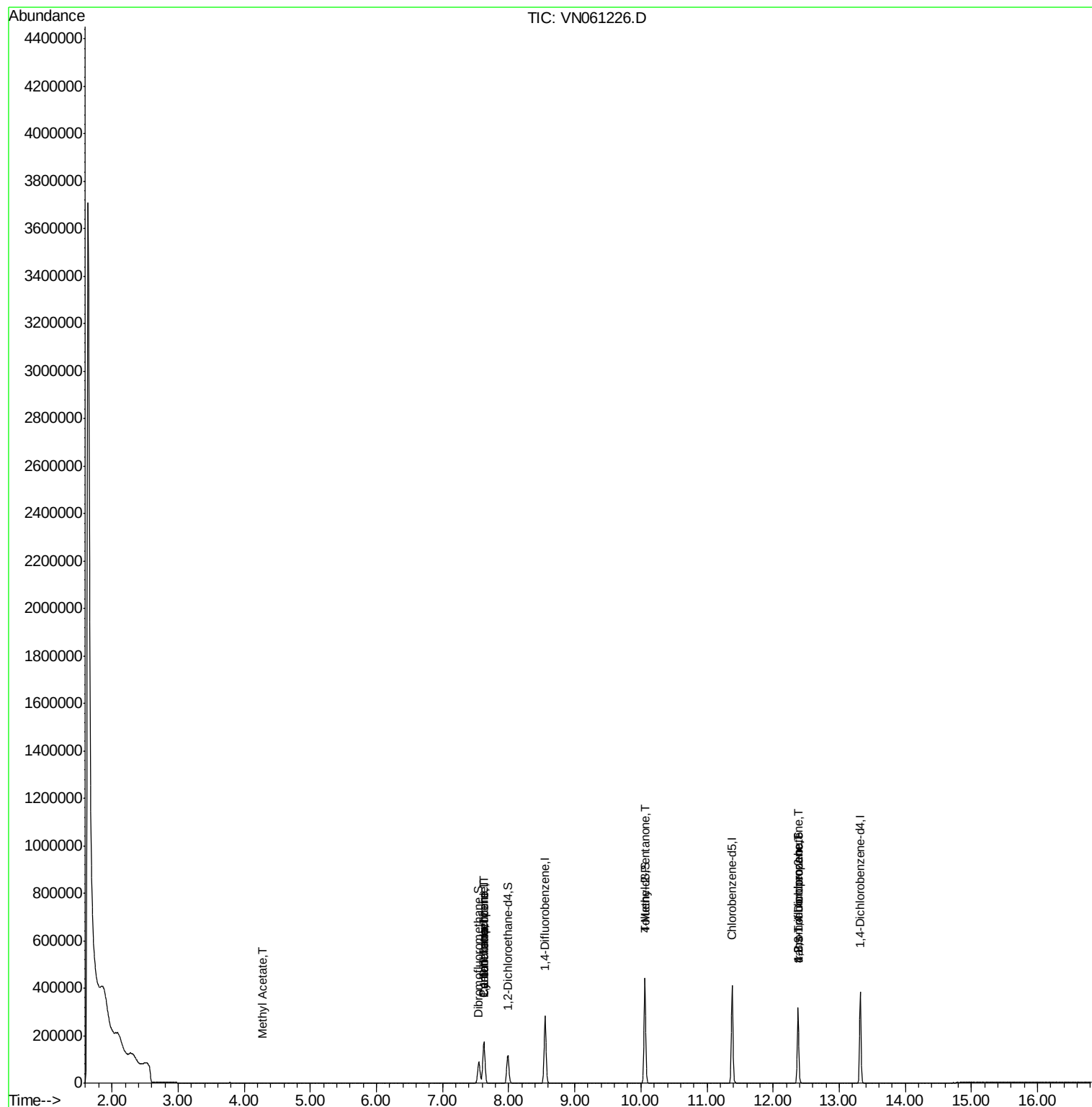
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	134388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101366	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	7.55	113	68621	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.06	98	294929	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.38	95	107831	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
16) Acetone	3.78	43	3832	Below Cal		96
18) Methyl Acetate	4.28	43	176	0.744 ug/l #		55
31) Cyclohexane	7.63	56	3214	1.039 ug/l #		1
36) 1,1-Dichloropropene	7.63	75	11718	4.937 ug/l #		49
38) Carbon Tetrachloride	7.63	117	13925	8.423 ug/l #		17
51) 4-Methyl-2-Pentanone	10.06	43	1512	0.556 ug/l #		1
76) 1,2,3-Trichloropropane	12.38	75	57492	28.747 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.38	75	57492	73.002 ug/l #		8

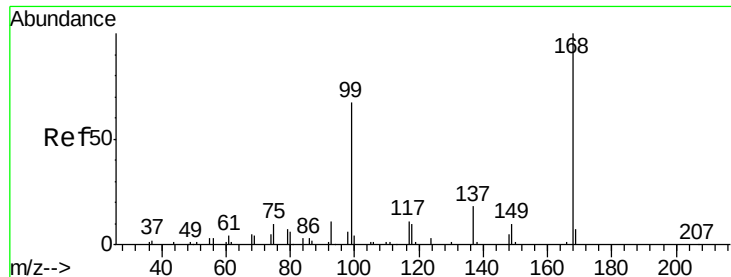
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061226.D

Acq: 1 May 2020 13:35

Instrument :

MSVOA_N

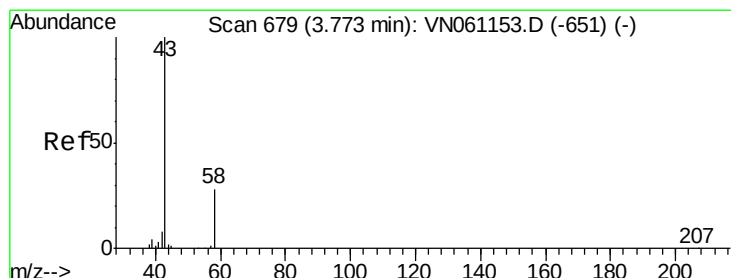
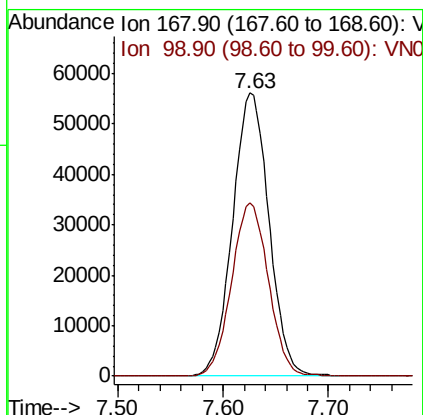
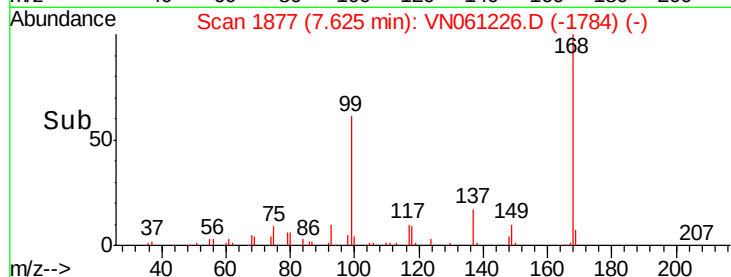
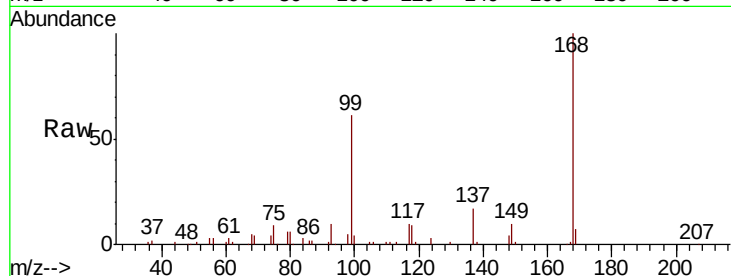
ClientSampled :

Tot Ion:168 Resp: 134388

Ion Ratio Lower Upper

168 100

99 61.2 51.2 76.8



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061226.D

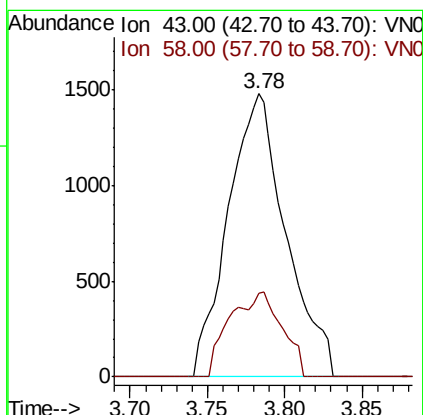
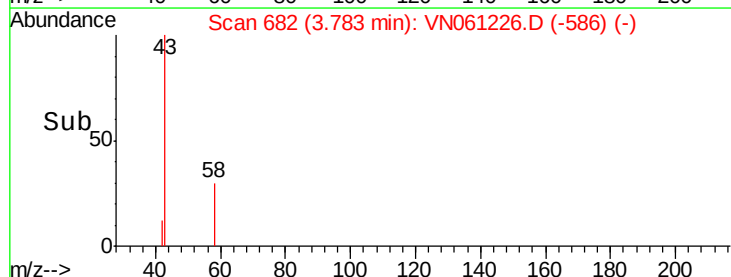
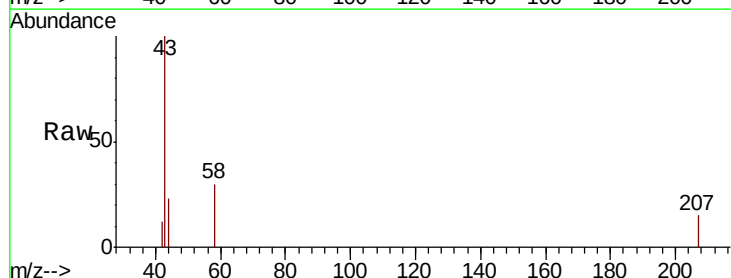
Acq: 1 May 2020 13:35

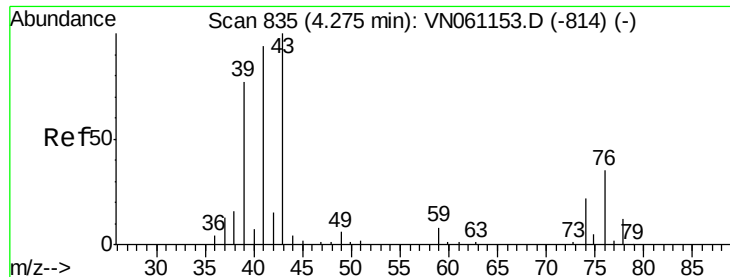
Tgt Ion: 43 Resp: 3832

Ion Ratio Lower Upper

43 100

58 29.6 22.2 33.2

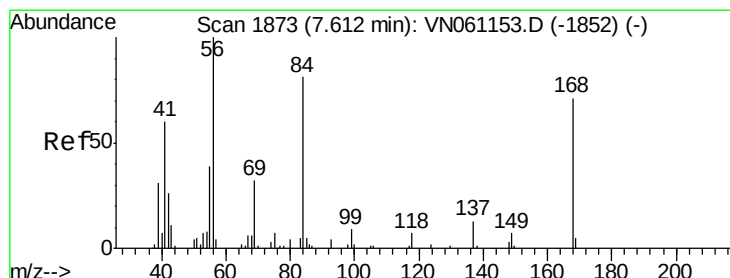
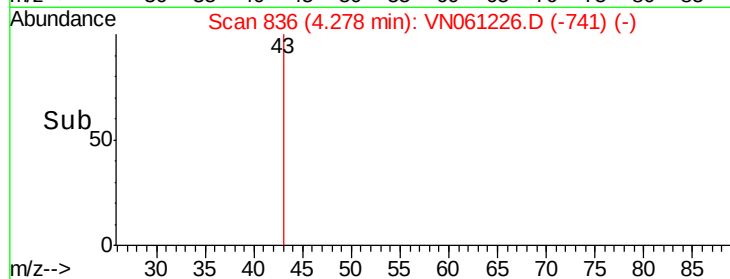
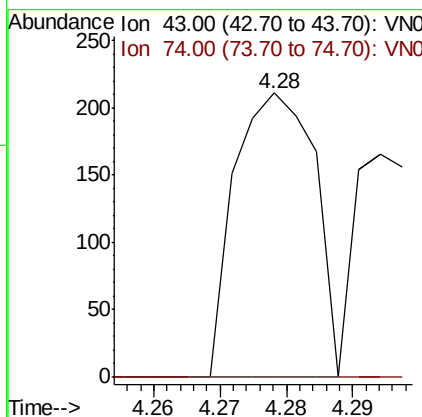
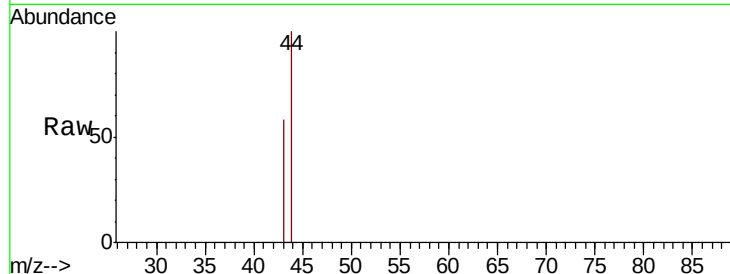




#18
Methvl Acetate
Concen: 0.744 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

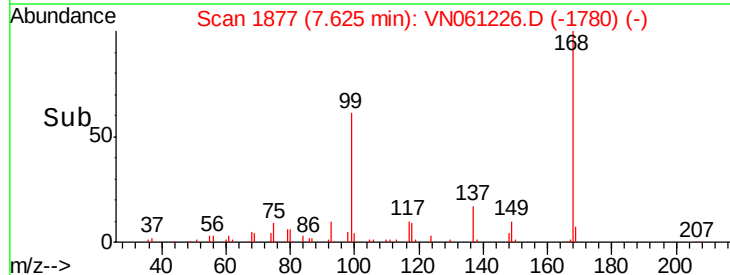
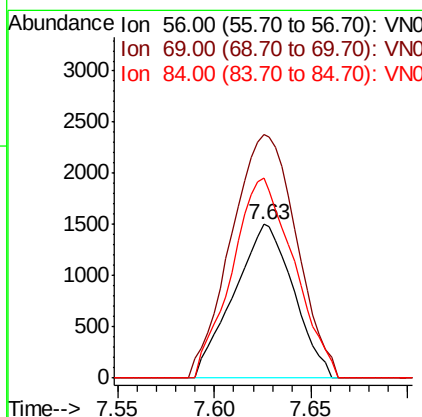
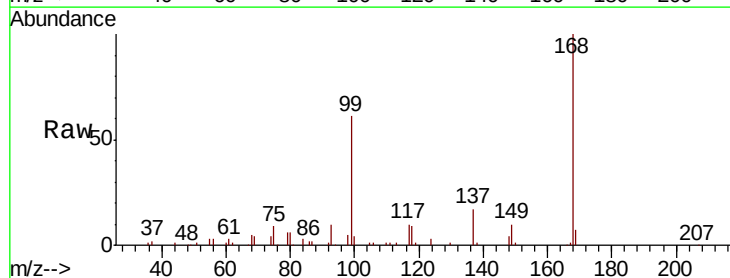
Instrument :
MSVOA_N
ClientSampled :

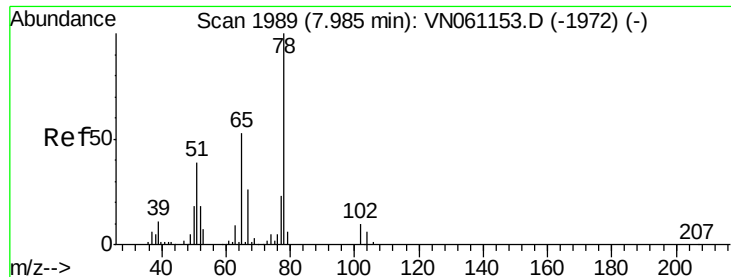
Tot Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

Tgt Ion: 56 Resp: 3214
Ion Ratio Lower Upper
56 100
69 158.6 25.7 38.5#
84 130.5 64.6 97.0#

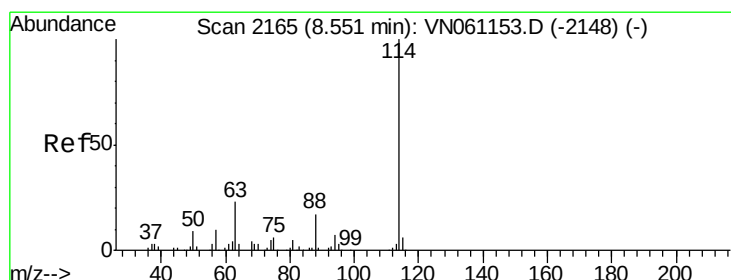
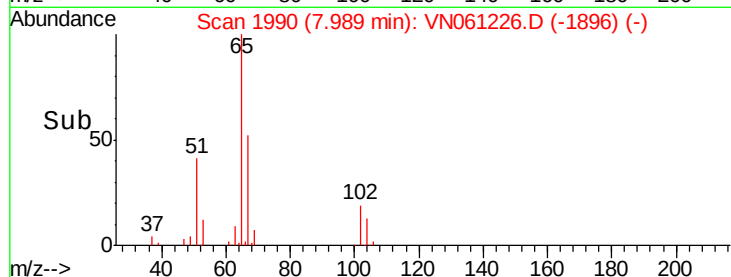
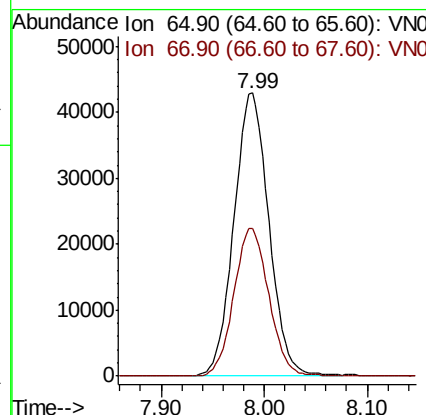
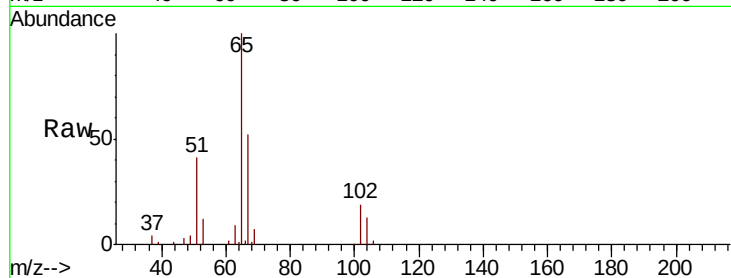




#33
 1,2-Dichloroethane-d4
 Concen: 47.669 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061226.D
 Acq: 1 May 2020 13:35

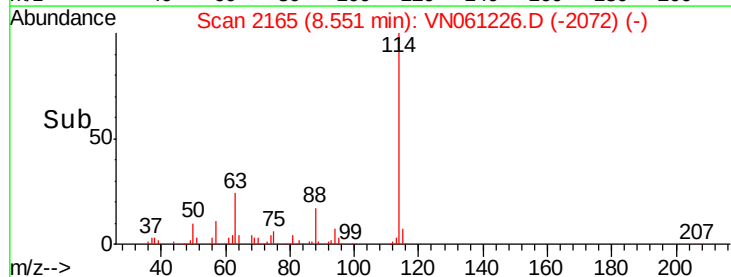
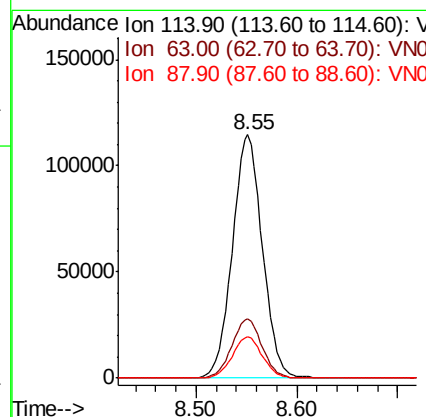
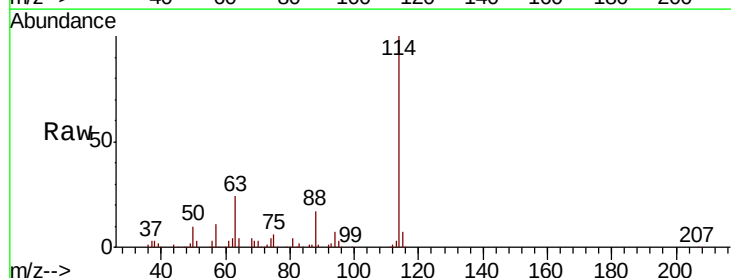
Instrument :
 MSVOA_N
 ClientSampleId :

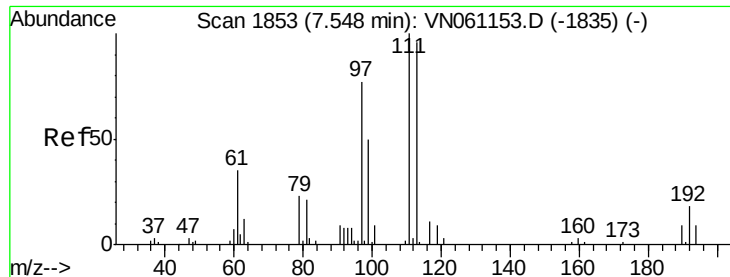
Tot Ion: 65 Resp: 101366
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061226.D
 Acq: 1 May 2020 13:35

Tgt Ion: 114 Resp: 237081
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 17.0 0.0 33.4

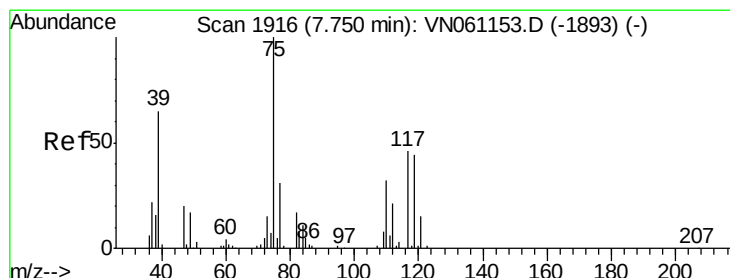
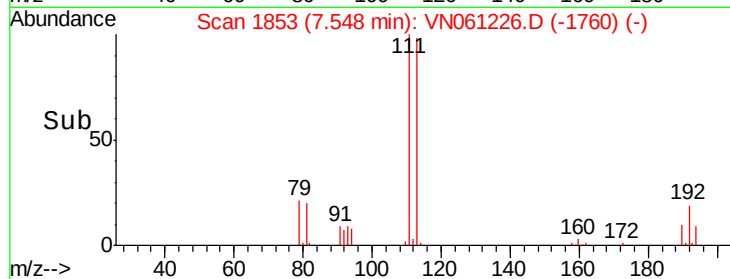
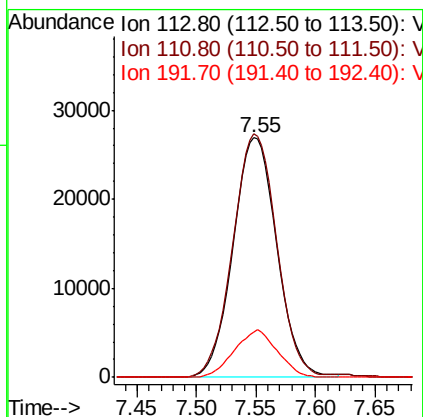
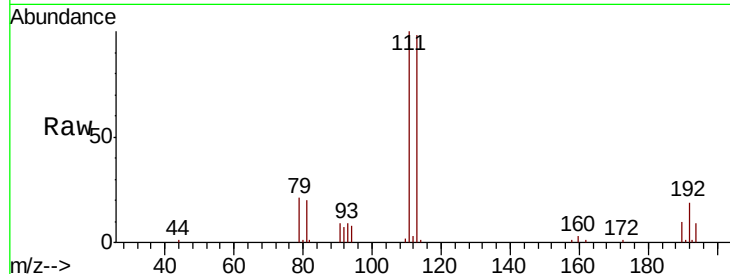




#35
 Dibromofluoromethane
 Concen: 48.948 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061226.D
 Acq: 1 May 2020 13:35

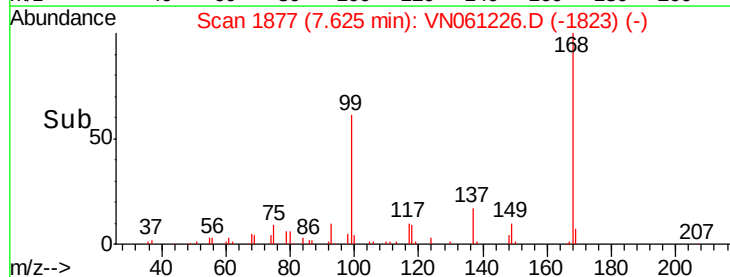
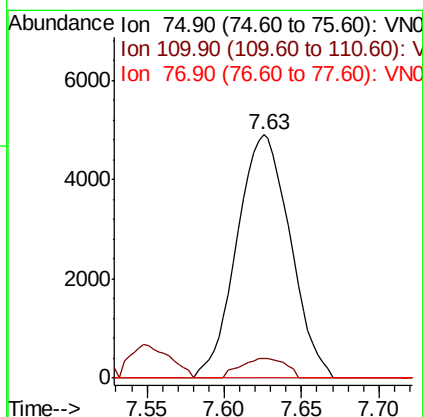
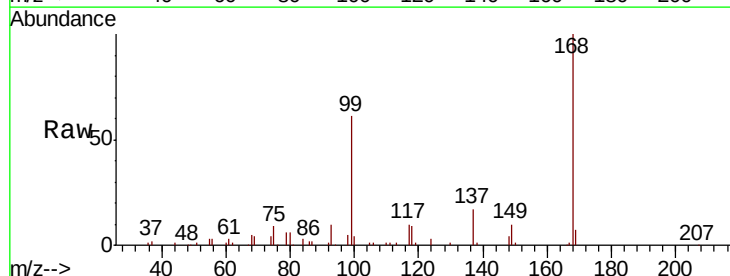
Instrument :
 MSVOA_N
 ClientSampleId :

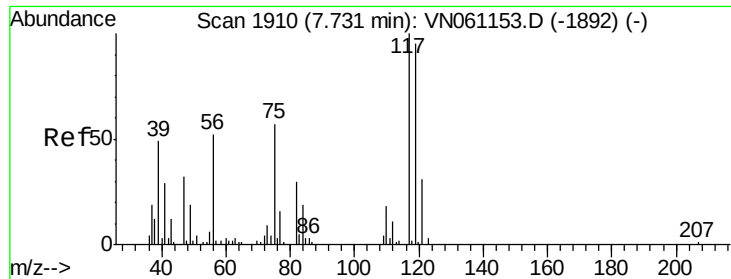
Tot Ion:113 Resp: 68621
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 19.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061226.D
 Acq: 1 May 2020 13:35

Tgt Ion: 75 Resp: 11718
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.0 48.0#
 77 0.0 24.6 37.0#

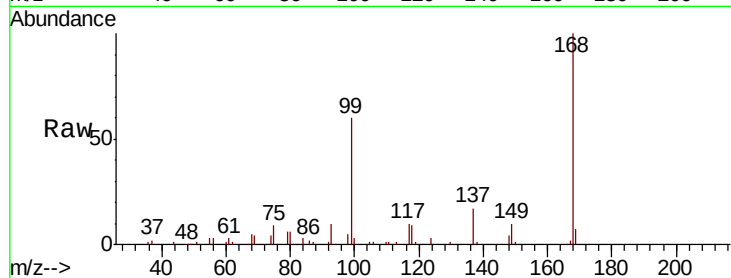




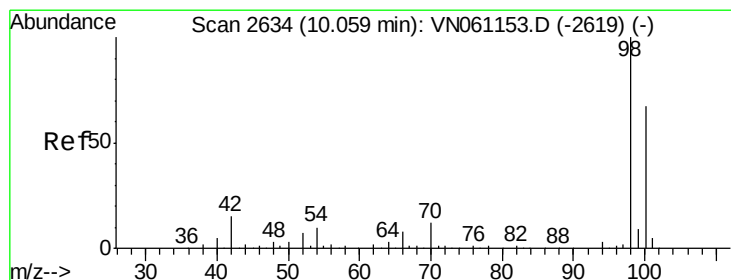
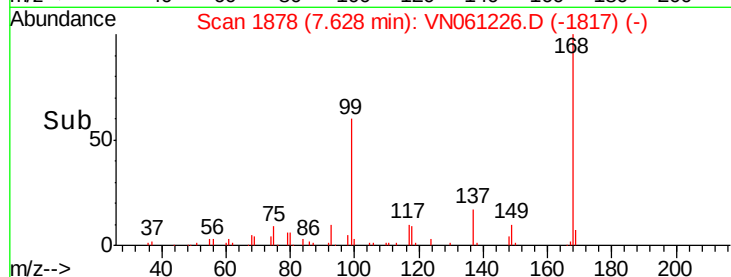
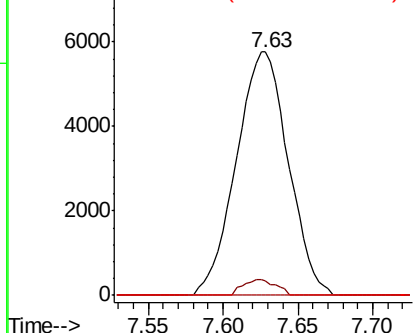
#38
Carbon Tetrachloride
Concen: 8.423 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. -0.10 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 13925
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.7 37.1#

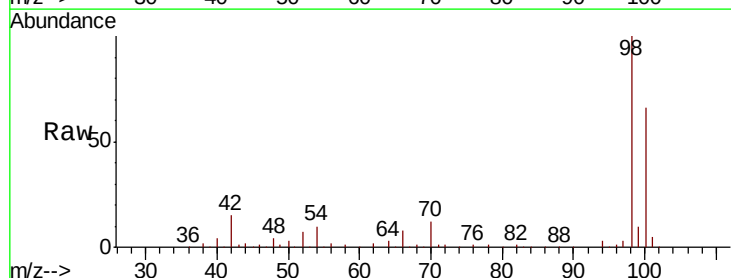


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

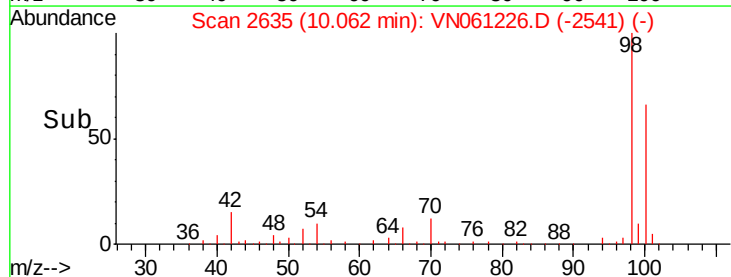
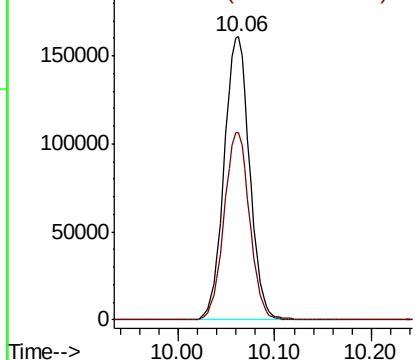


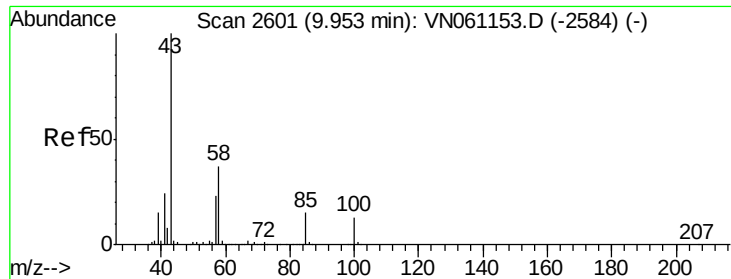
#50
Toluene-d8
Concen: 51.607 ug/l
RT: 10.06 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

Tgt Ion: 98 Resp: 294929
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061226.D

Acq: 1 May 2020 13:35

Instrument :

MSVOA_N

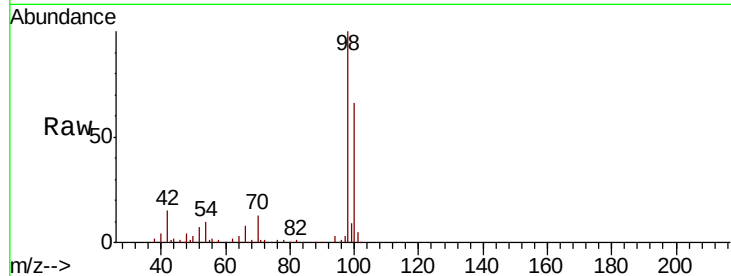
ClientSampleId :

Tot Ion: 43 Resp: 1512

Ion Ratio Lower Upper

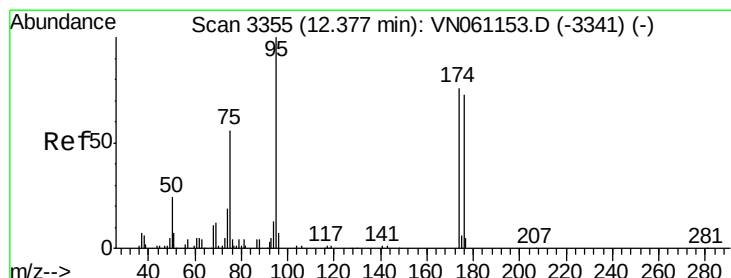
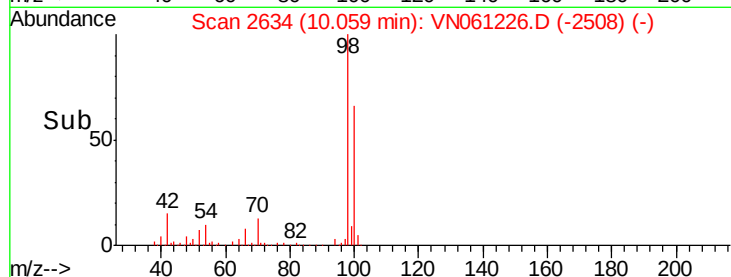
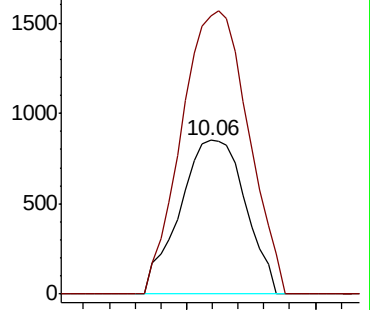
43 100

58 187.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)



#62

4-Bromofluorobenzene

Concen: 50.139 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061226.D

Acq: 1 May 2020 13:35

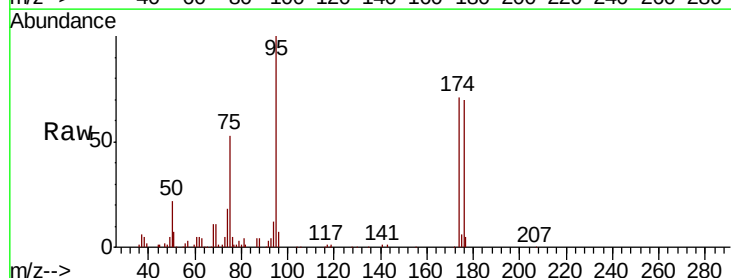
Tgt Ion: 95 Resp: 107831

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.4

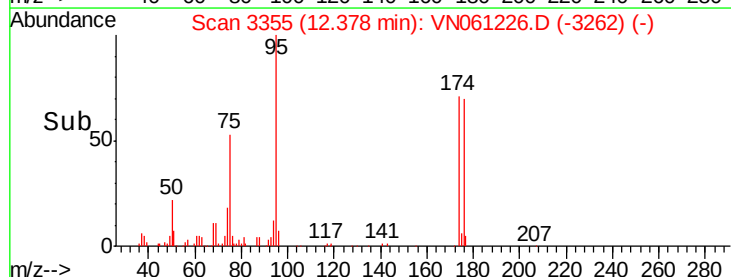
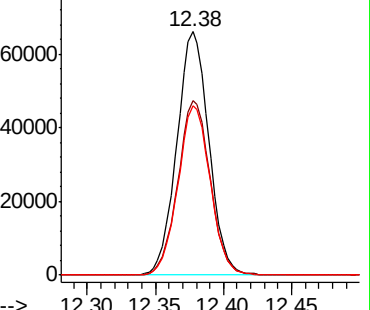
176 70.1 0.0 144.8

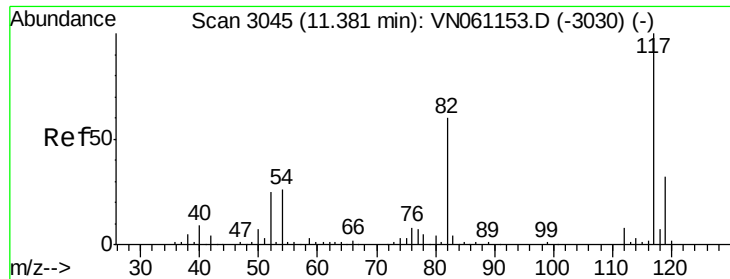


Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

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

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

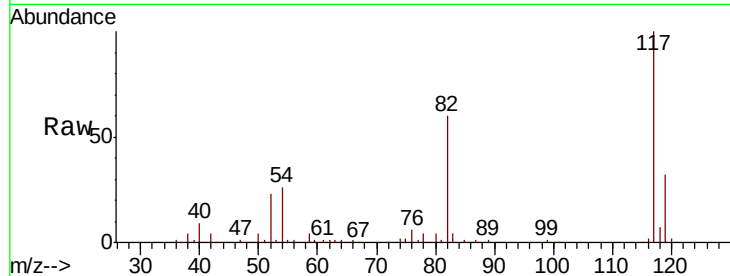




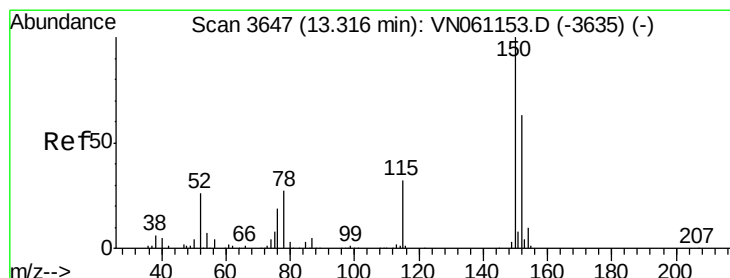
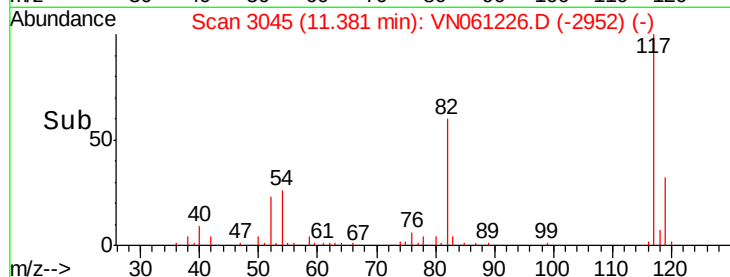
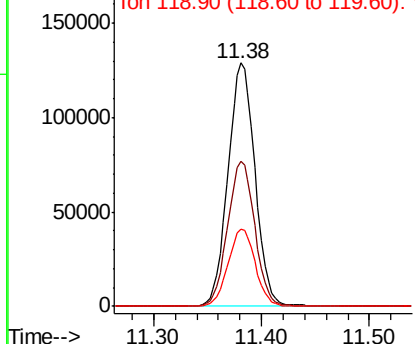
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 225651
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.9 25.8 38.6

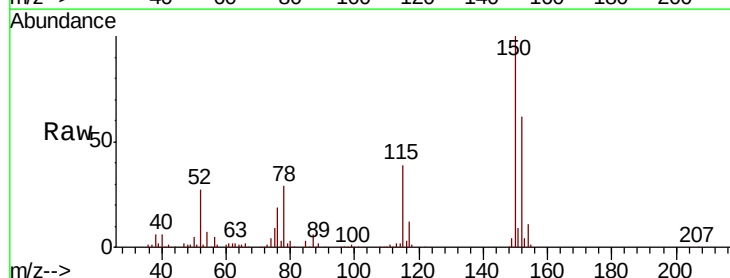


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

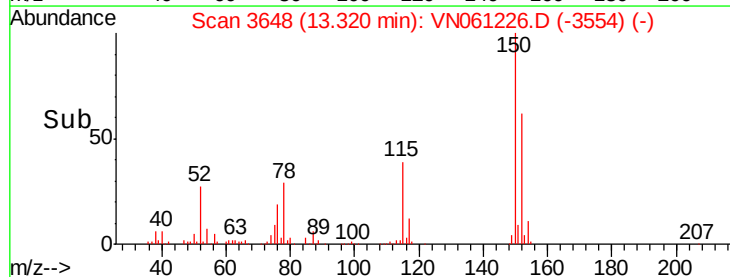
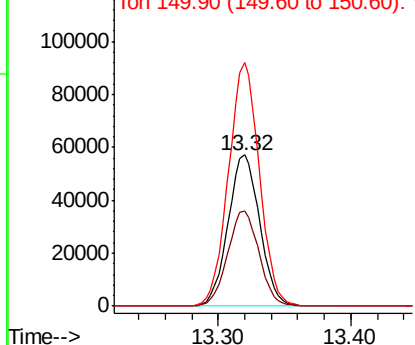


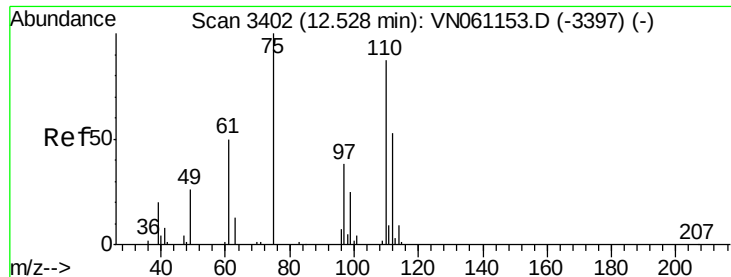
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061226.D
Acq: 1 May 2020 13:35

Tgt Ion:152 Resp: 94862
Ion Ratio Lower Upper
152 100
115 62.2 31.0 93.0
150 157.1 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





#76

1,2,3-Trichloropropane

Concen: 28.747 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061226.D

Acq: 1 May 2020 13:35

Instrument :

MSVOA_N

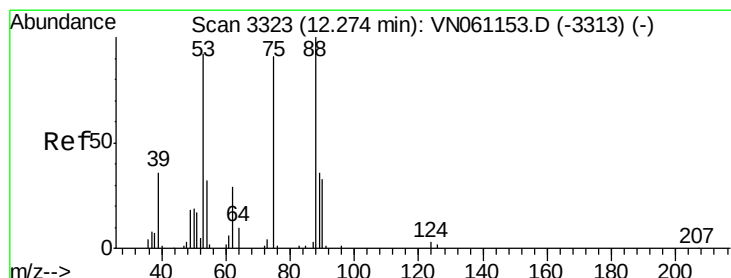
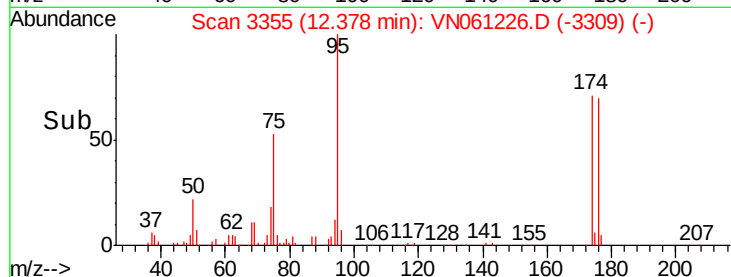
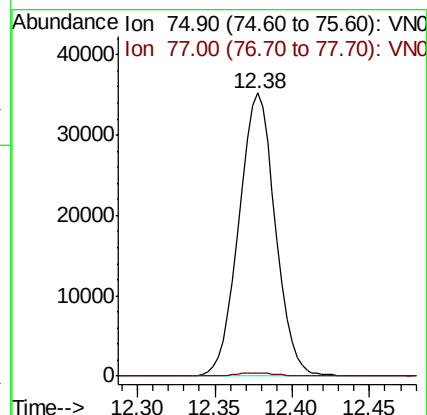
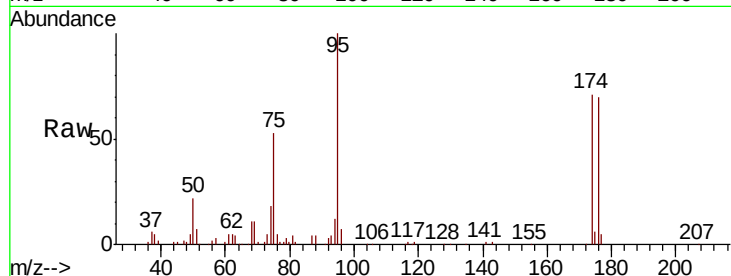
ClientSampled :

Tot Ion: 75 Resp: 57492

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.002 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061226.D

Acq: 1 May 2020 13:35

Tgt Ion: 75 Resp: 57492

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

