

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061190.D
 Acq On : 29 Apr 2020 14:14
 Operator : JC/MD
 Sample : L2415-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW215-200423

Quant Time: Apr 29 15:16:24 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	90423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	162602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	158613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	74618	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	7.55	113	51362	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
50) Toluene-d8	10.06	98	204909	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.38	95	76200	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

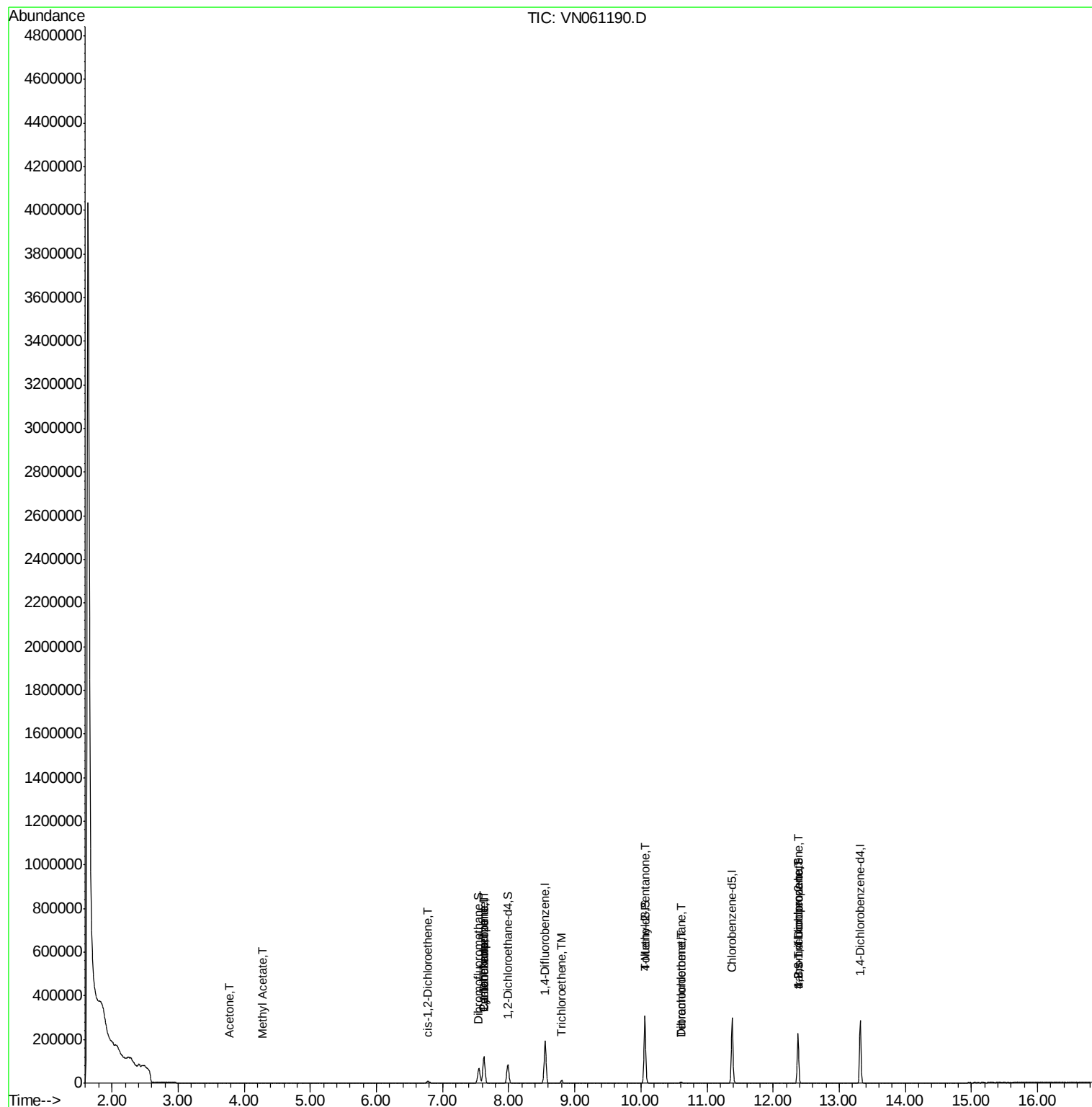
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3365	0.569	ug/l	91
18) Methyl Acetate	4.28	43	59	0.711	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	5322	4.365	ug/l	90
31) Cyclohexane	7.63	56	2356	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	8224	5.052	ug/l #	49
38) Carbon Tetrachloride	7.63	117	9724	8.535	ug/l #	16
44) Trichloroethene	8.80	130	4383	3.343	ug/l	100
51) 4-Methyl-2-Pentanone	10.06	43	1137	0.610	ug/l #	1
60) Dibromochloromethane	10.60	129	1406	1.152	ug/l #	10
64) Tetrachloroethene	10.61	164	1423	1.036	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	42699	28.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	42699	73.601	ug/l #	8

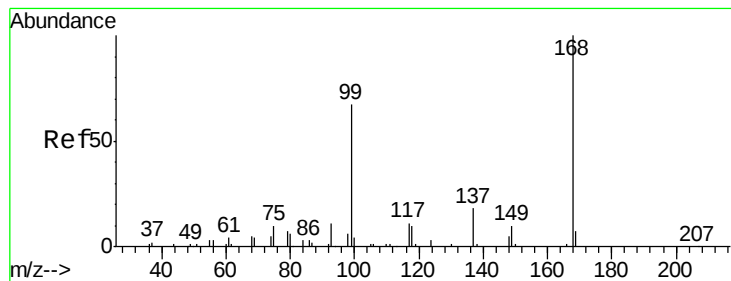
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

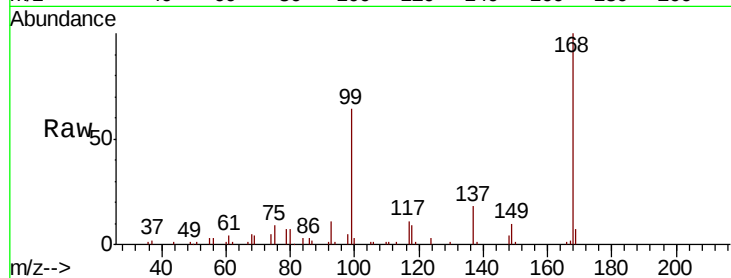
SS037MW215-200423

Tot Ion:168 Resp: 90423

Ion Ratio Lower Upper

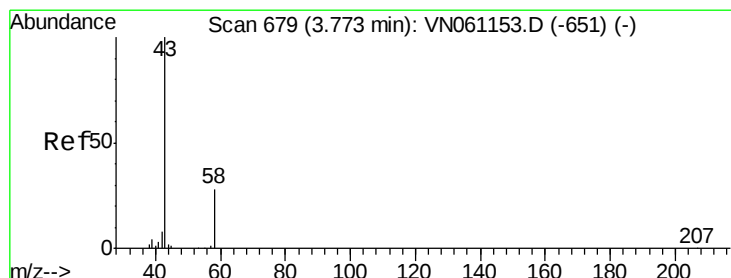
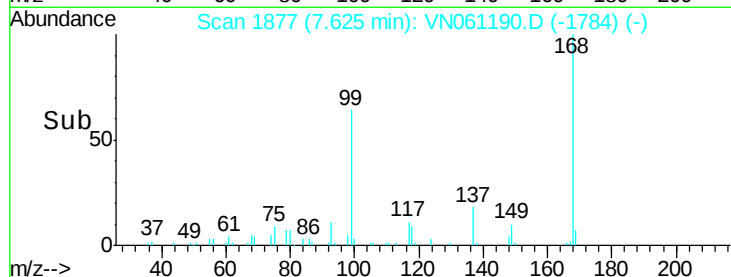
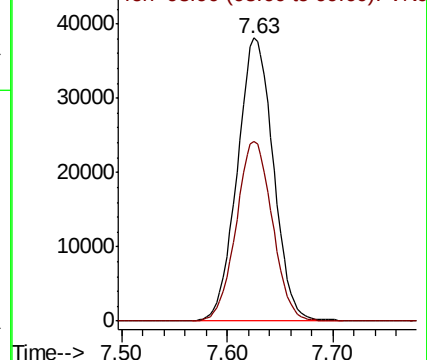
168 100

99 63.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.569 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061190.D

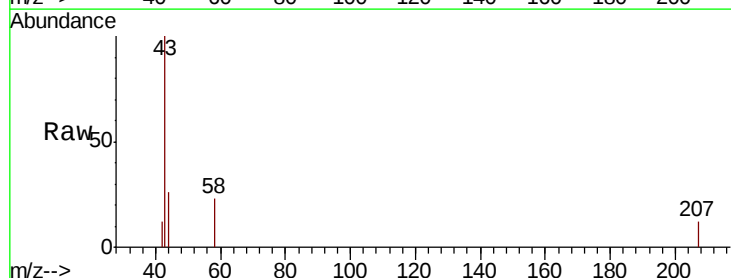
Acq: 29 Apr 2020 14:14

Tgt Ion: 43 Resp: 3365

Ion Ratio Lower Upper

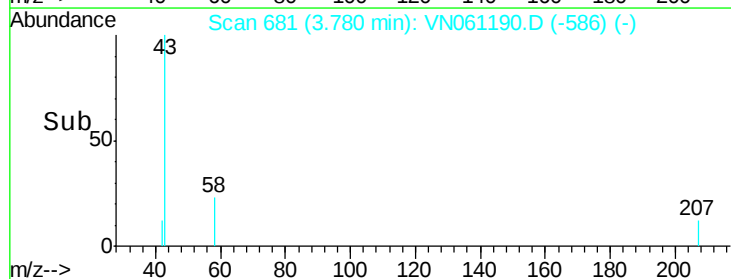
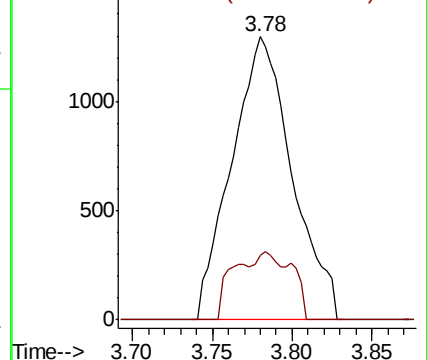
43 100

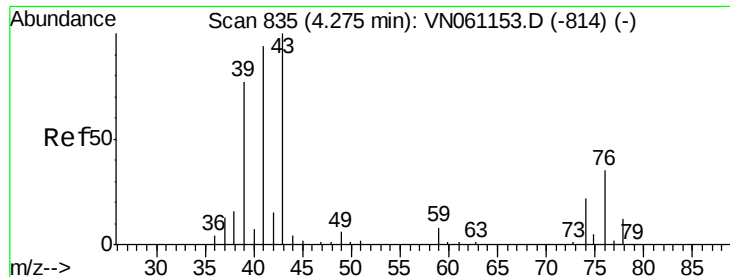
58 22.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

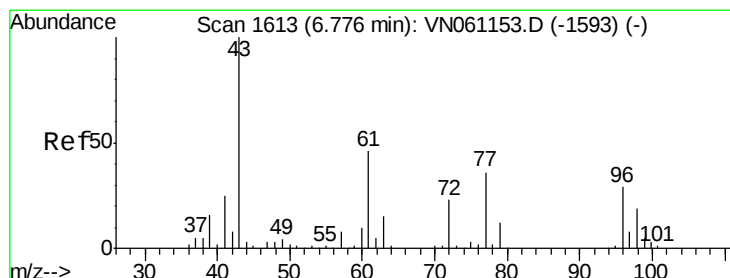
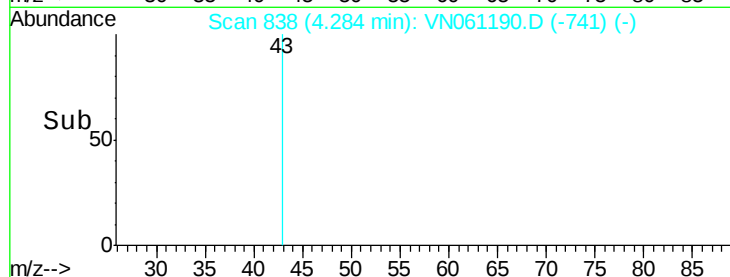
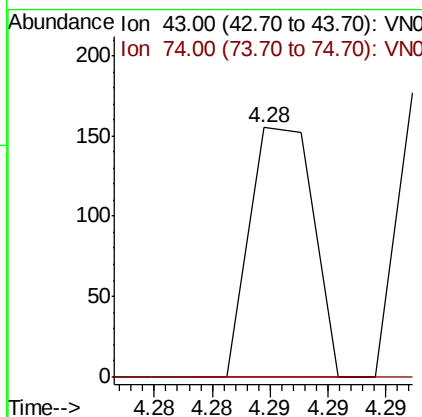
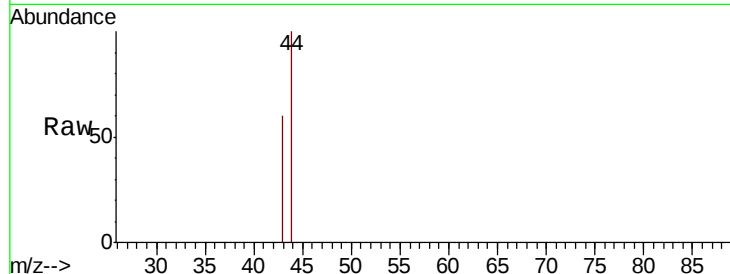




#18
Methvl Acetate
Concen: 0.711 ug/l
RT: 4.28 min Scan# 838
Delta R.T. 0.01 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

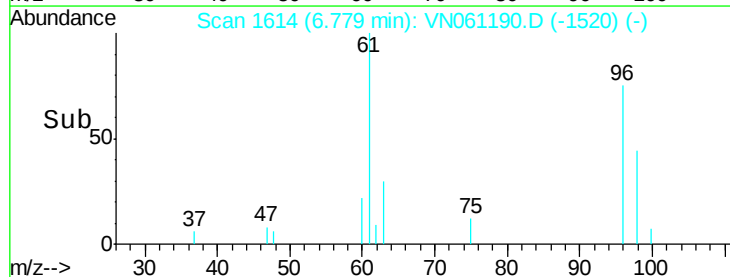
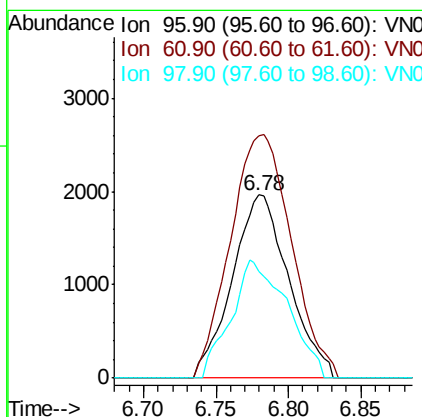
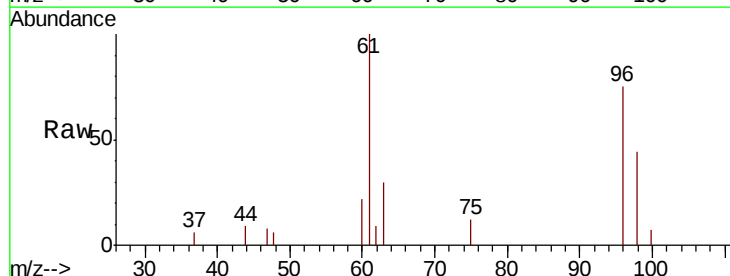
Instrument :
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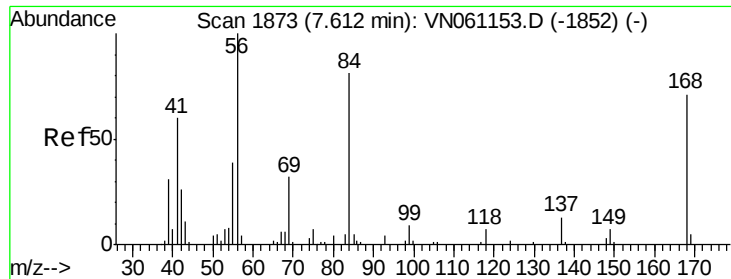
Tot Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#27
cis-1,2-Dichloroethene
Concen: 4.365 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion: 96 Resp: 5322
Ion Ratio Lower Upper
96 100
61 143.4 0.0 322.0
98 63.9 0.0 129.6

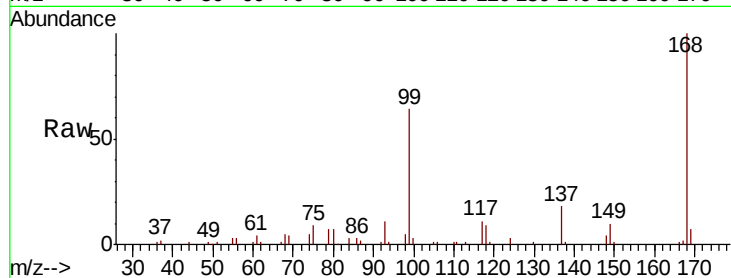




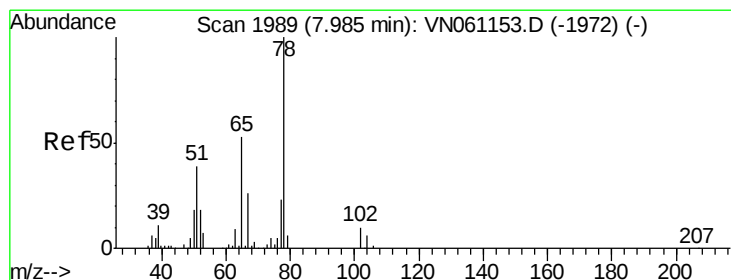
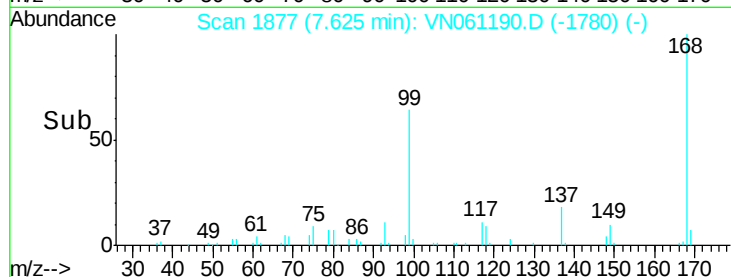
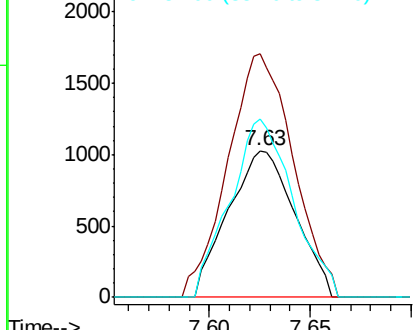
#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
SS037MW215-200423

Tot Ion: 56 Resp: 2356
Ion Ratio Lower Upper
56 100
69 166.1 25.7 38.5#
84 121.2 64.6 97.0#

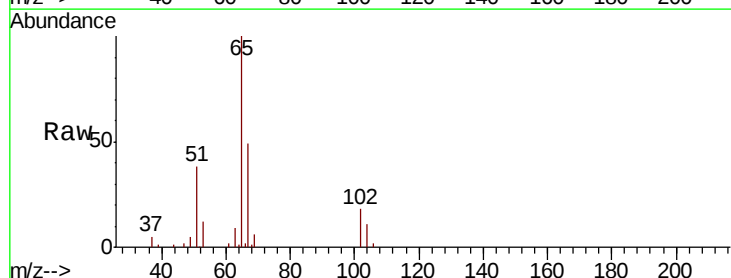


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

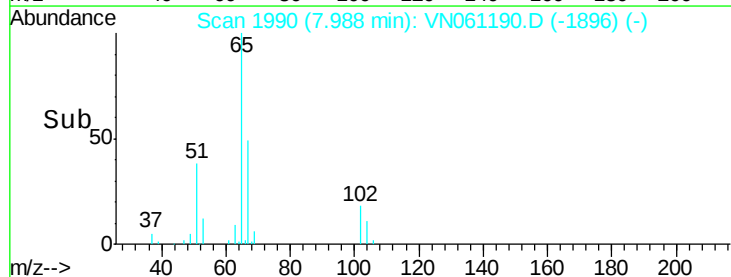
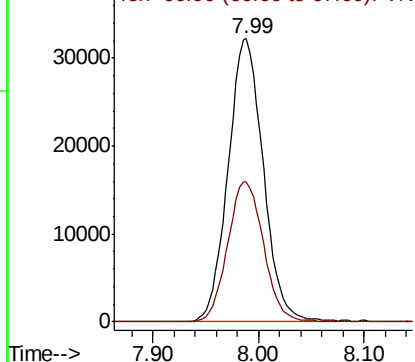


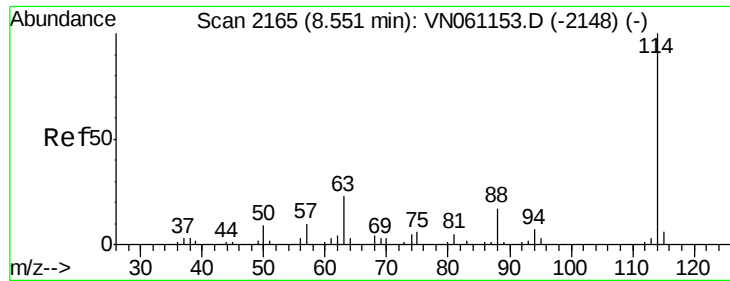
#33
1,2-Dichloroethane-d4
Concen: 52.152 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061190.D
Acq: 29 Apr 2020 14:14

Tgt Ion: 65 Resp: 74618
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

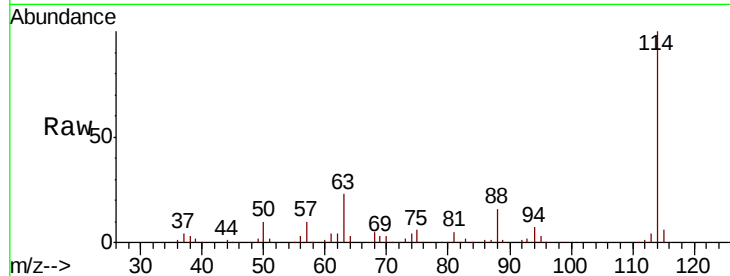




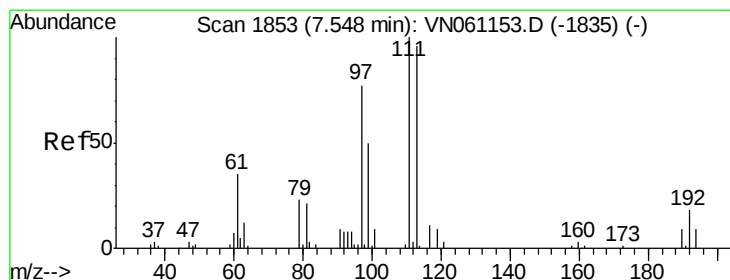
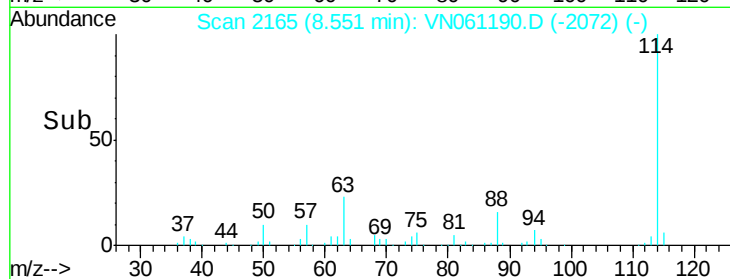
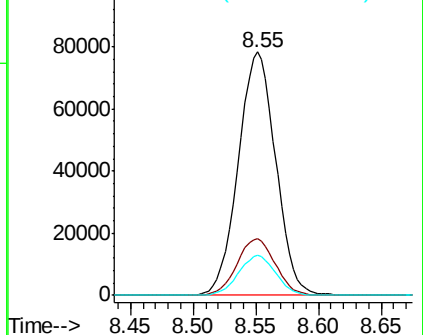
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

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 SS037MW215-200423

Tot Ion:114 Resp: 162602
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.6
 88 16.3 0.0 33.4

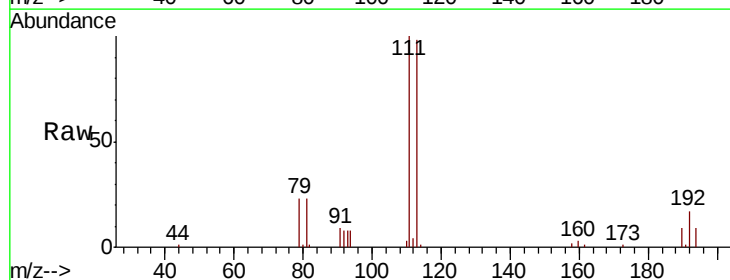


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

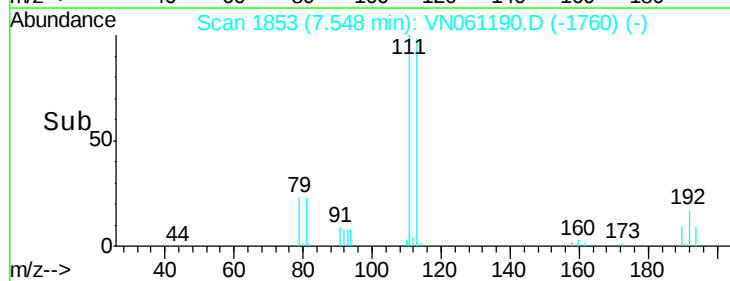
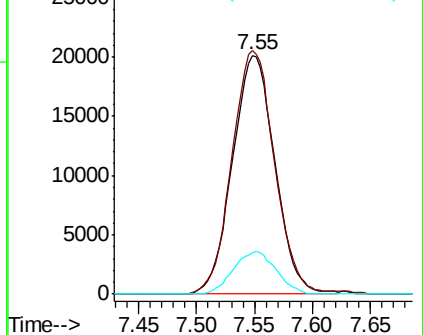


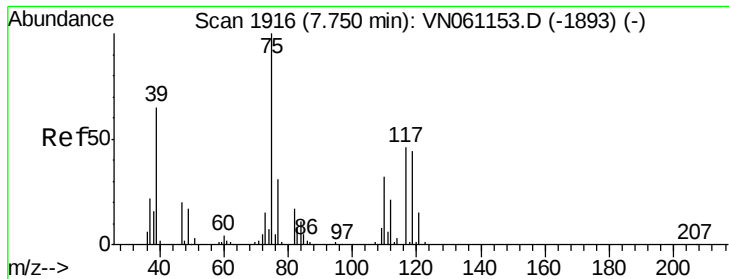
#35
 Dibromofluoromethane
 Concen: 53.418 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

Tgt Ion:113 Resp: 51362
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 17.8 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

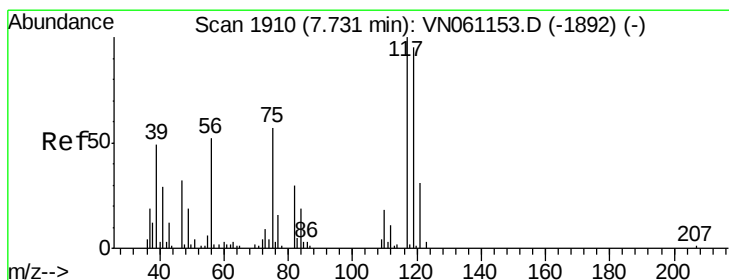
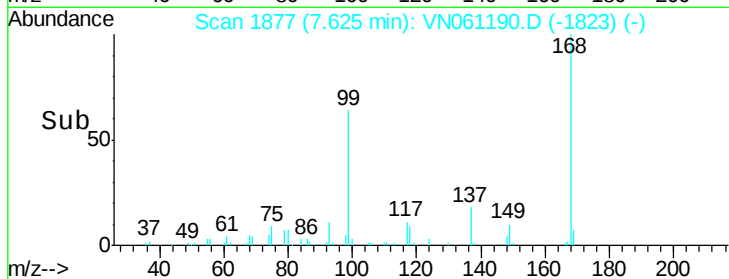
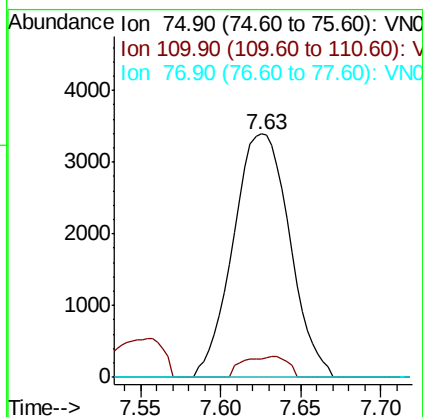
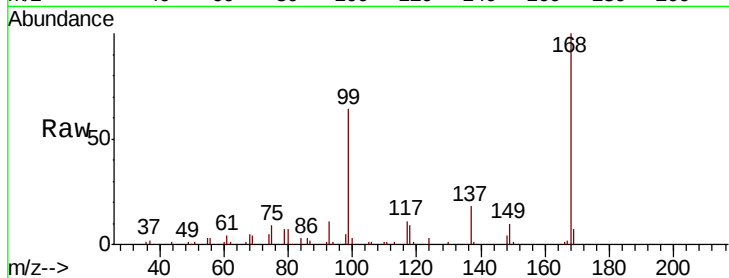




#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

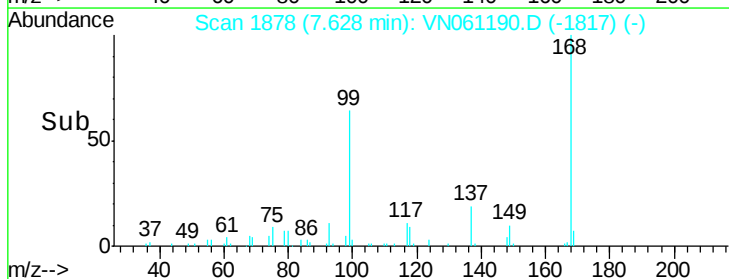
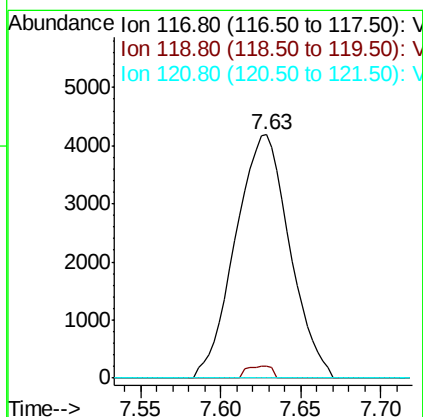
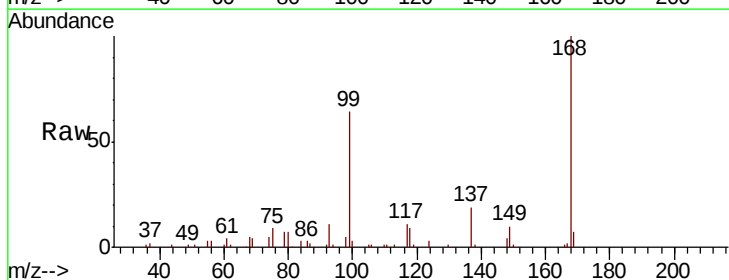
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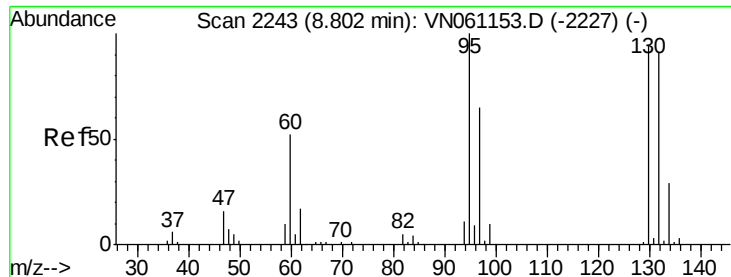
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.535 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.10 min
 Lab File: VN061190.D
 Acq: 29 Apr 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.7	37.1#





#44

Trichloroethene

Concen: 3.343 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

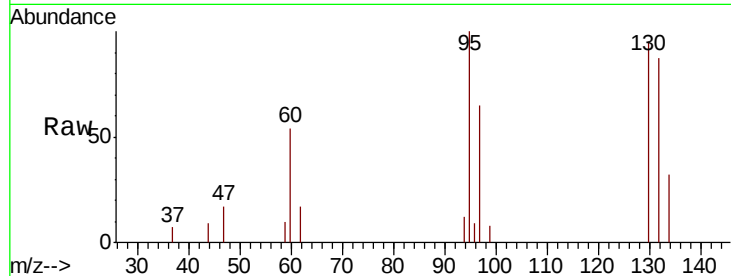
SS037MW215-200423

Tot Ion:130 Resp: 4383

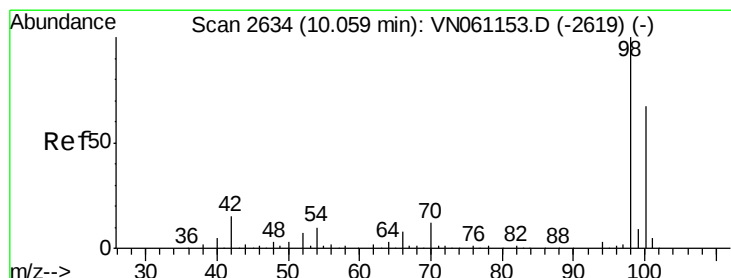
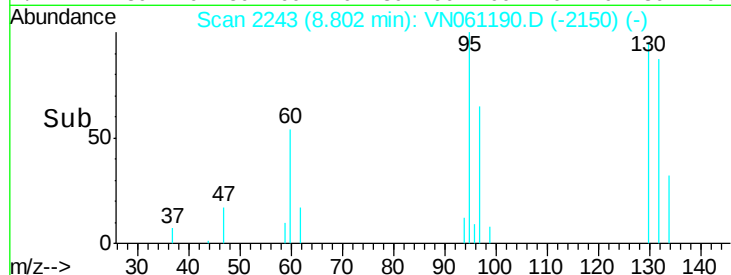
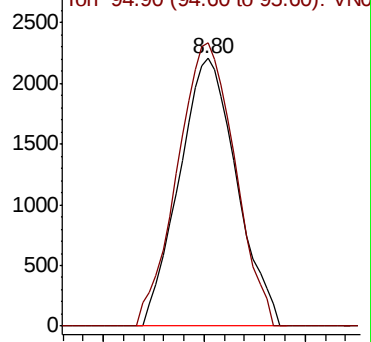
Ion Ratio Lower Upper

130 100

95 105.8 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061190.D (-2150) (-)



#50

Toluene-d8

Concen: 52.278 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061190.D

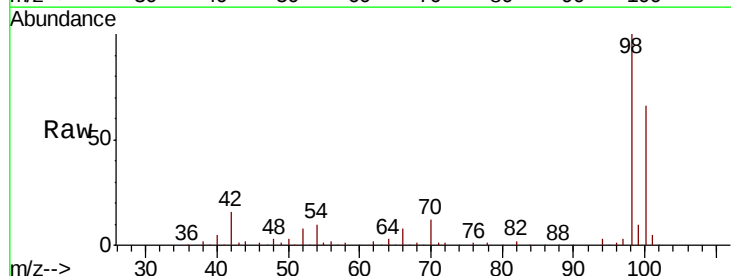
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Tgt Ion: 98 Resp: 204909

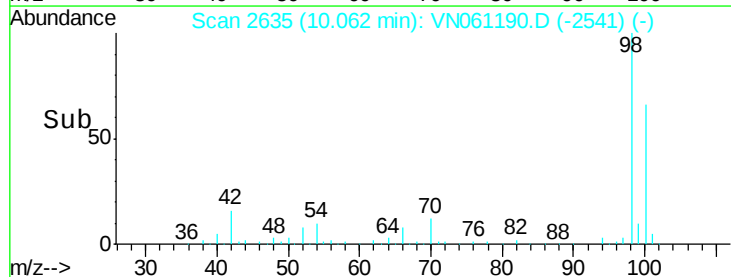
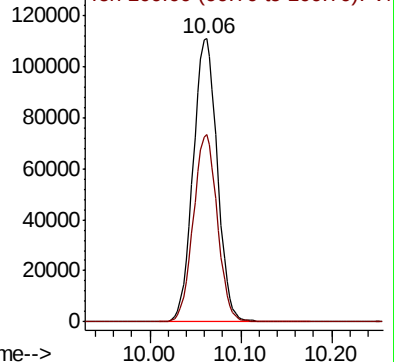
Ion Ratio Lower Upper

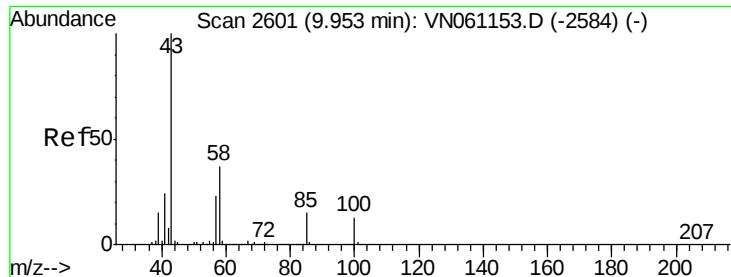
98 100

100 65.7 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061190.D (-2541) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 10.06 min Scan# 2633

Delta R.T. 0.10 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

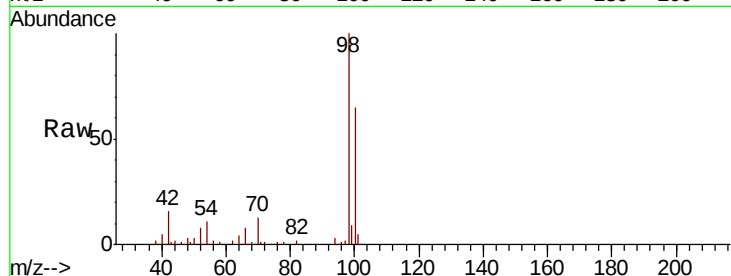
SS037MW215-200423

Tot Ion: 43 Resp: 1137

Ion Ratio Lower Upper

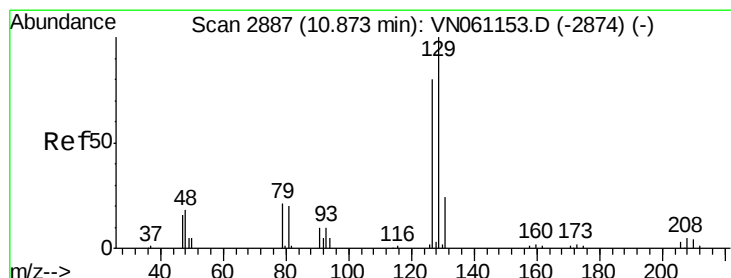
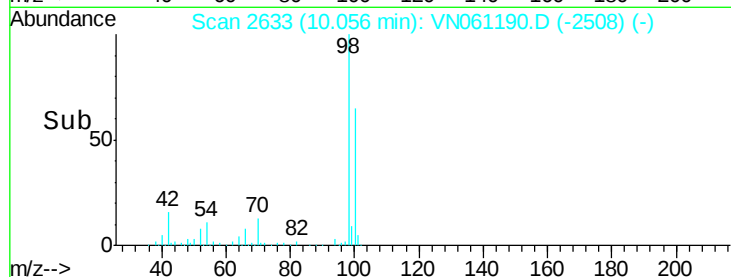
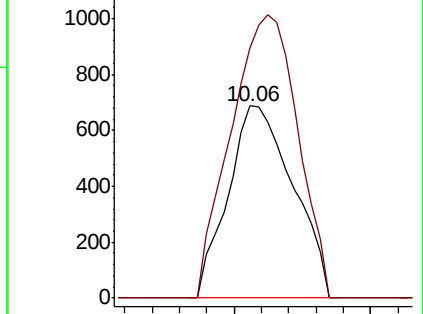
43 100

58 151.5 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) (-)



#60

Dibromochloromethane

Concen: 1.152 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. -0.27 min

Lab File: VN061190.D

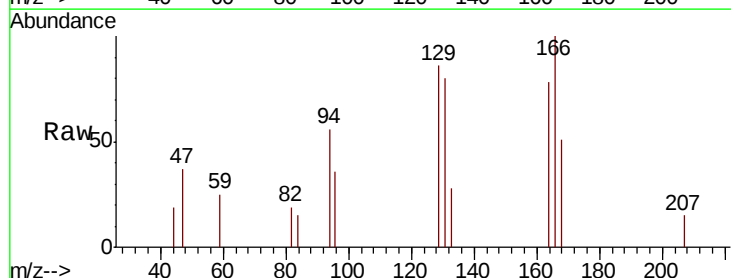
Acq: 29 Apr 2020 14:14

Tgt Ion: 129 Resp: 1406

Ion Ratio Lower Upper

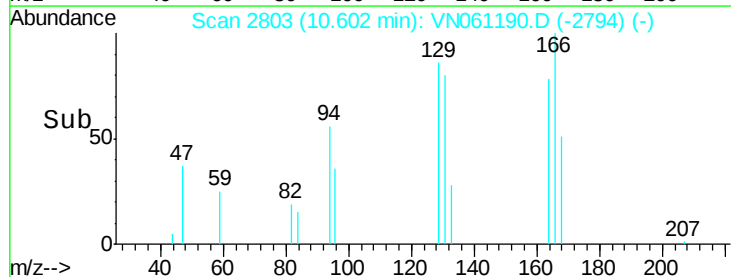
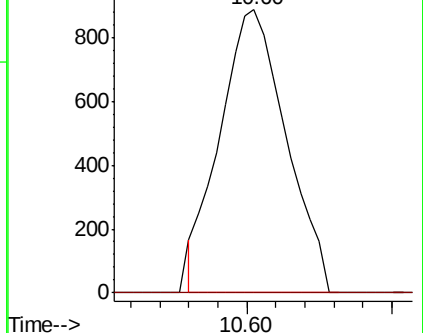
129 100

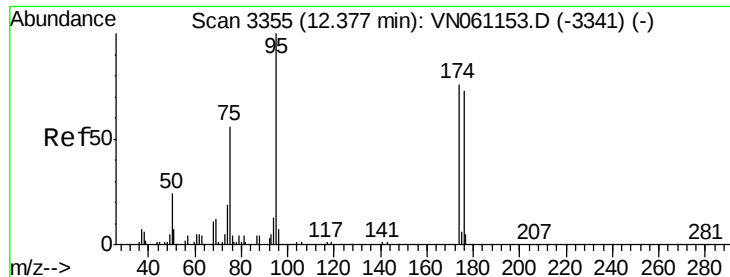
127 0.0 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): VN061153.D (-2874) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2874) (-)





#62

4-Bromofluorobenzene

Concen: 51.661 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

SS037MW215-200423

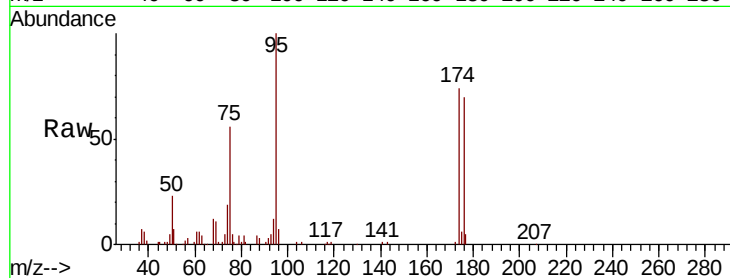
Tot Ion: 95 Resp: 76200

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

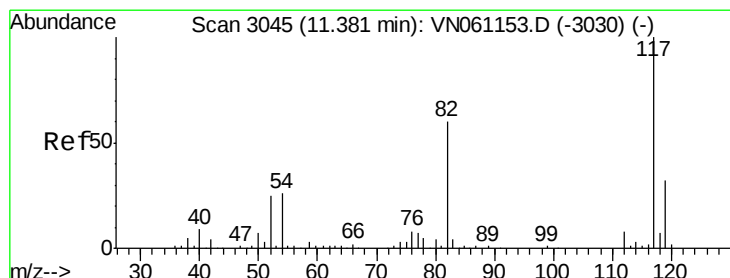
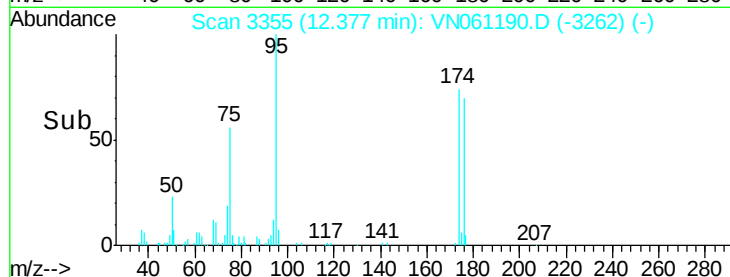
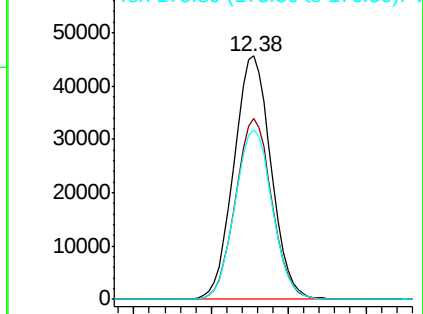
176 69.8 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061190.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061190.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061190.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

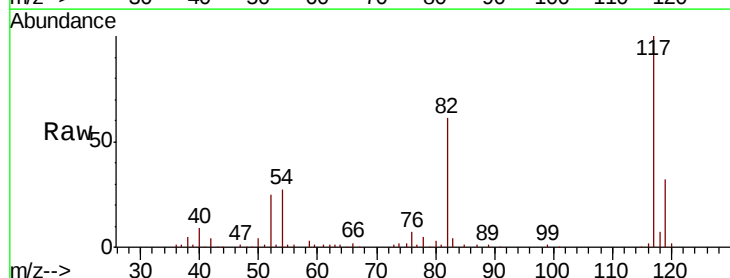
Tgt Ion: 117 Resp: 158613

Ion Ratio Lower Upper

117 100

82 60.9 47.8 71.8

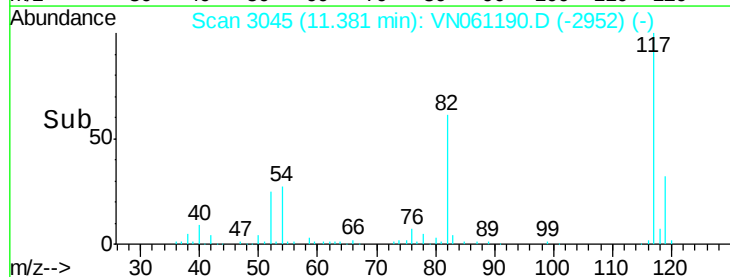
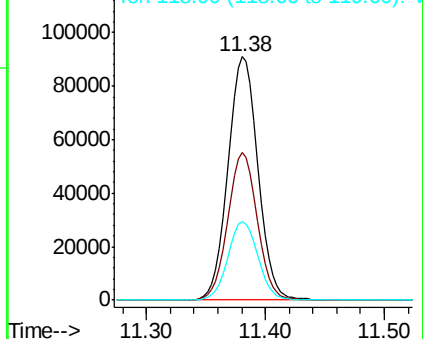
119 32.3 25.8 38.6

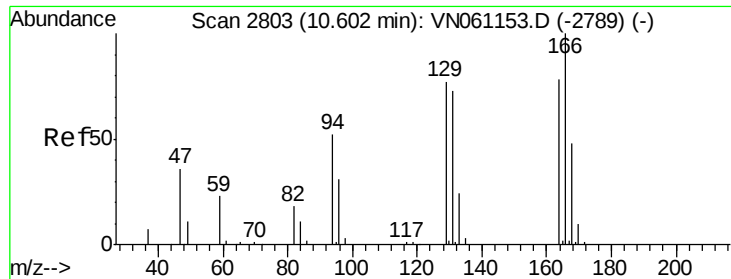


Abundance Ion 116.90 (116.60 to 117.60): VN061190.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061190.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061190.D (-2952) (-)





#64

Tetrachloroethene

Concen: 1.036 ug/l

RT: 10.61 min Scan# 2804

Delta R.T. 0.00 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

SS037MW215-200423

Tot Ion:164 Resp: 1423

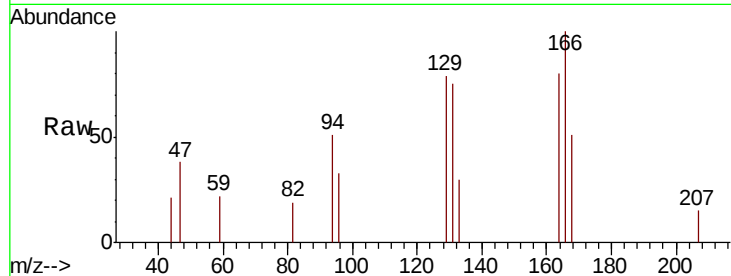
Ion Ratio Lower Upper

164 100

166 124.8 102.0 153.0

129 98.4 78.2 117.2

131 94.0 74.5 111.7

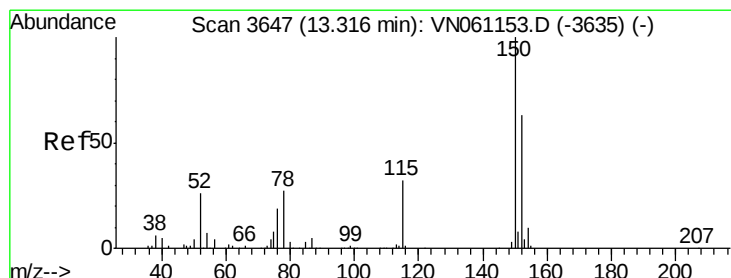
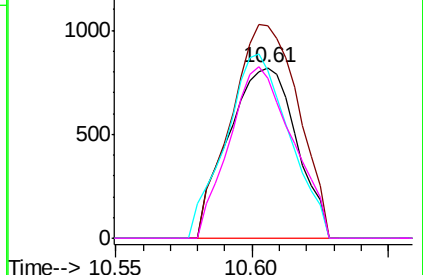
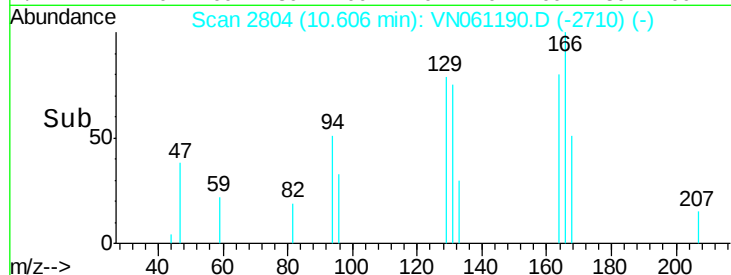


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN061190.D

Acq: 29 Apr 2020 14:14

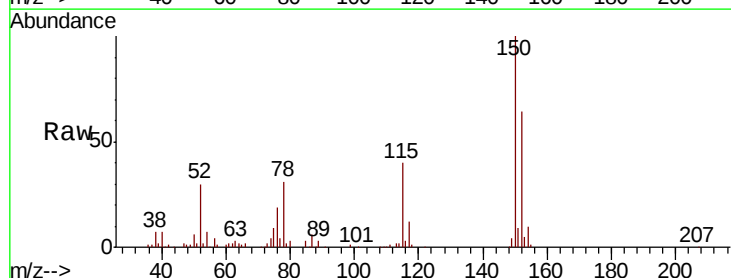
Tgt Ion:152 Resp: 69880

Ion Ratio Lower Upper

152 100

115 62.2 31.0 93.0

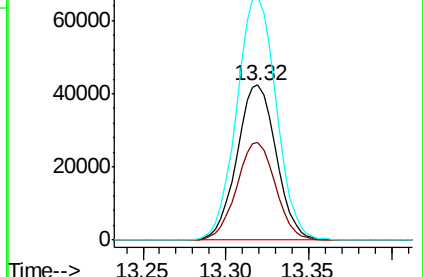
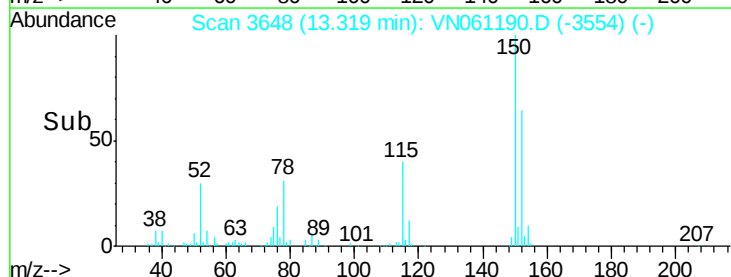
150 158.6 0.0 351.8

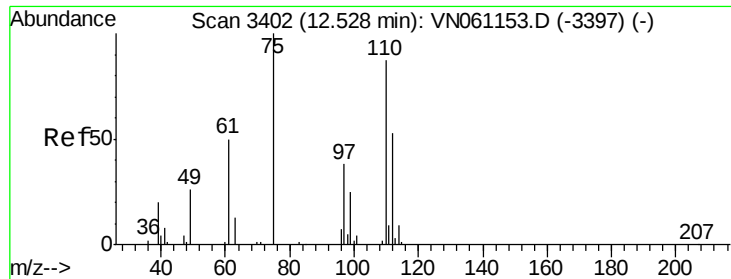


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.983 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

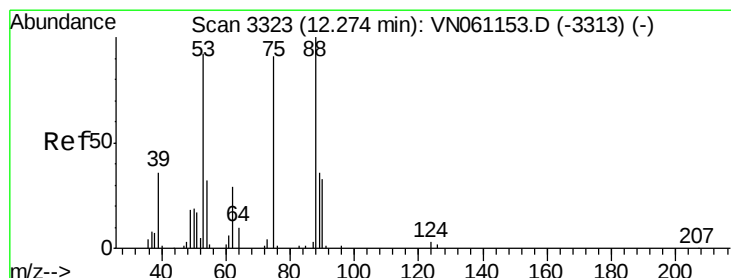
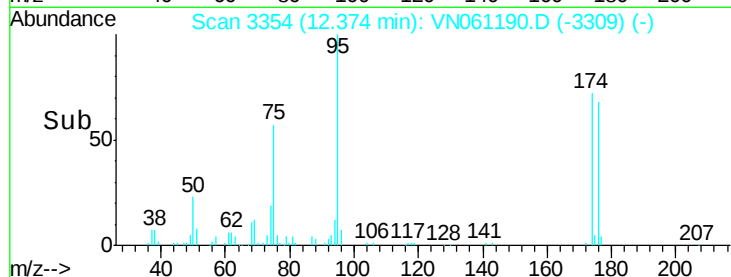
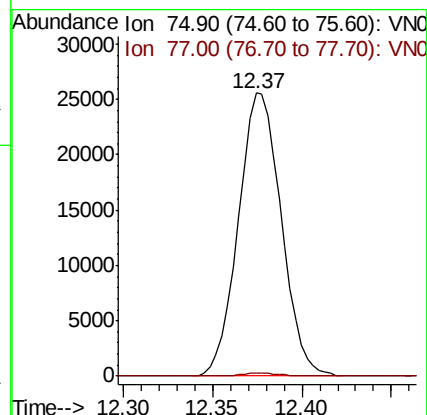
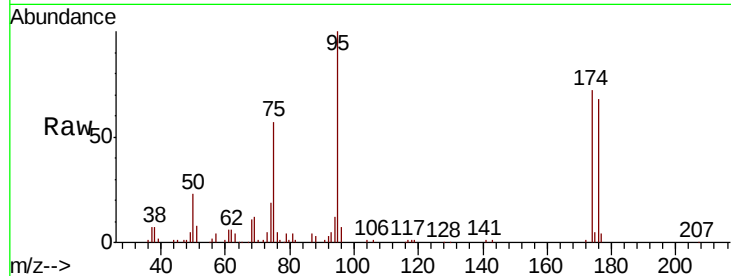
SS037MW215-200423

Tot Ion: 75 Resp: 42699

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.601 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.10 min

Lab File: VN061190.D

Acq: 29 Apr 2020 14:14

Tgt Ion: 75 Resp: 42699

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

