

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061191.D
 Acq On : 29 Apr 2020 14:37
 Operator : JC/MD
 Sample : L2415-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS036MW014-200423

Quant Time: Apr 29 15:16:31 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	94724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74268	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	78132	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	7.55	113	53260	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
50) Toluene-d8	10.06	98	214521	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.38	95	79811	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	

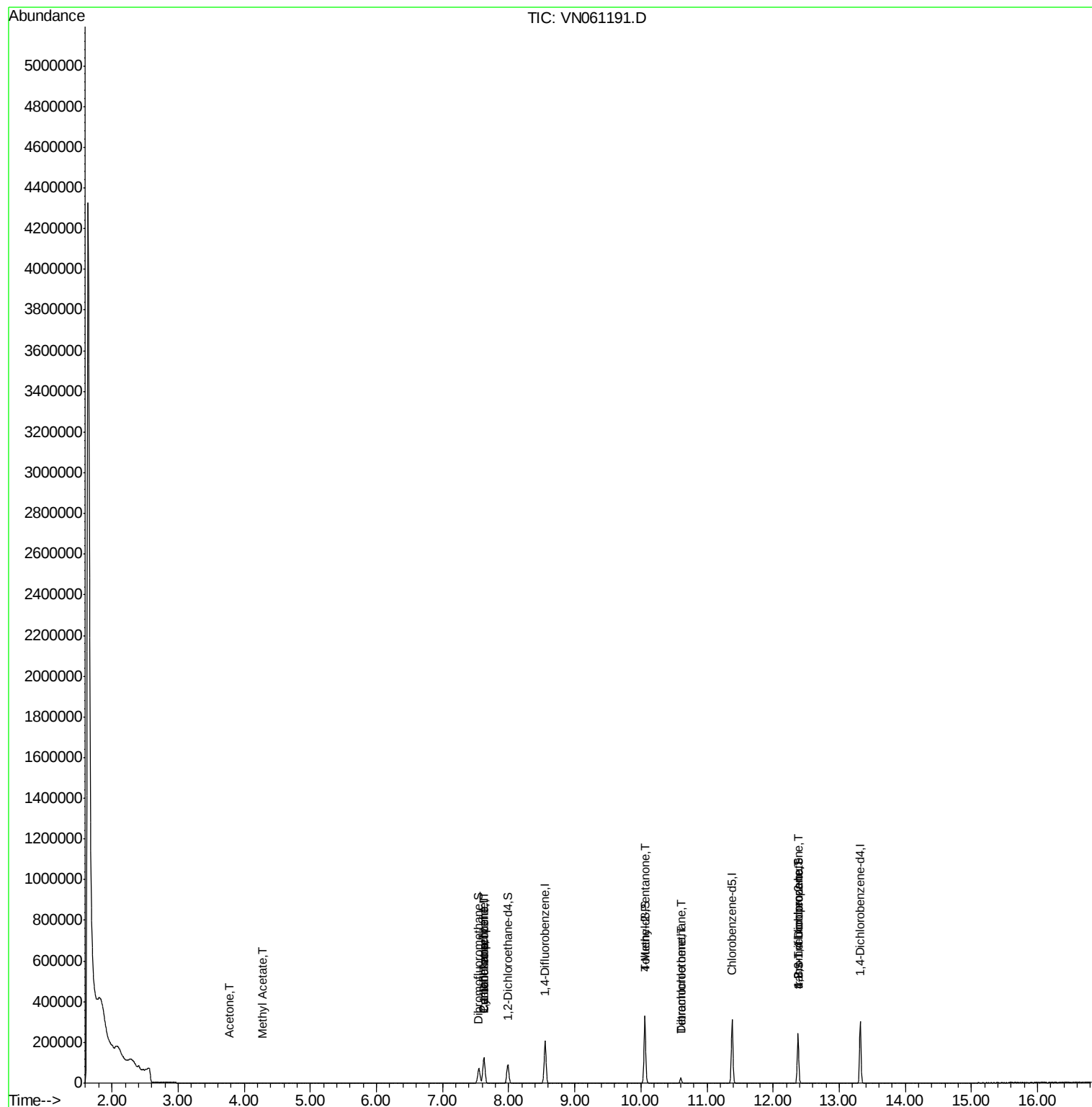
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3322	0.211	ug/l	99
18) Methyl Acetate	4.28	43	29	0.694	ug/l #	55
31) Cyclohexane	7.63	56	2685	1.231	ug/l #	24
36) 1,1-Dichloropropene	7.63	75	8541	5.016	ug/l #	47
38) Carbon Tetrachloride	7.63	117	10458	8.711	ug/l #	15
51) 4-Methyl-2-Pentanone	10.06	43	1109	0.569	ug/l #	1
60) Dibromochloromethane	10.61	129	5471	4.286	ug/l #	10
64) Tetrachloroethene	10.61	164	5557	3.848	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	45408	29.000	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45408	73.646	ug/l #	8

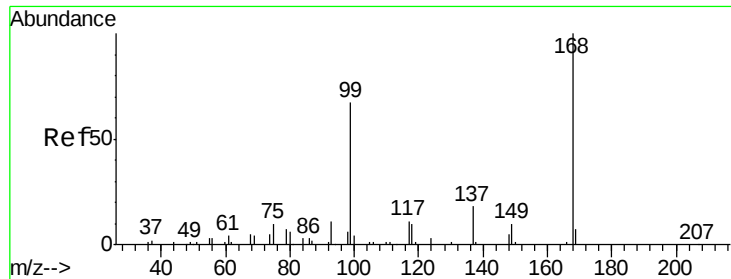
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

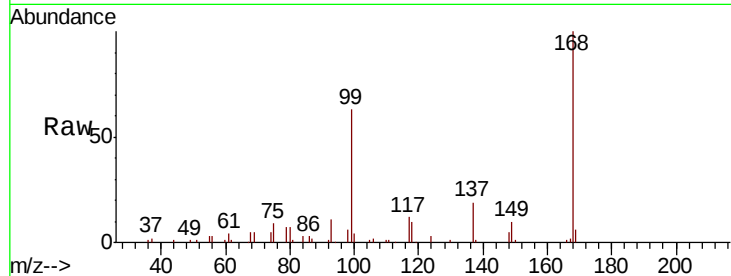
SS036MW014-200423

Tot Ion:168 Resp: 94724

Ion Ratio Lower Upper

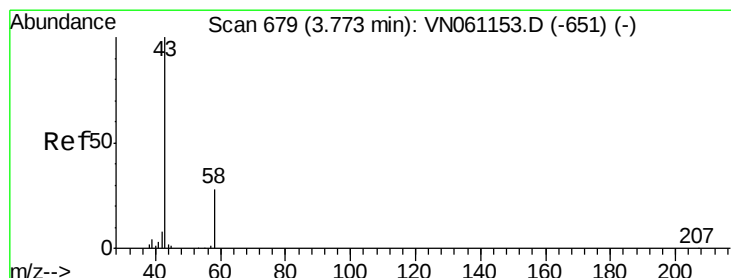
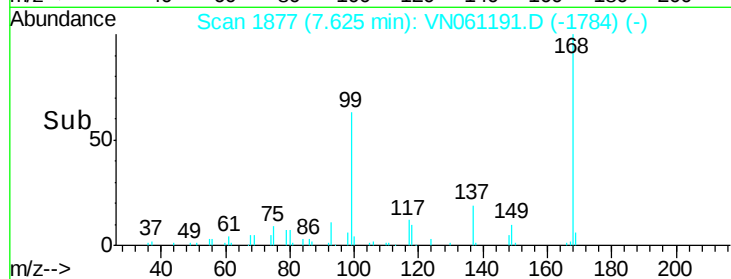
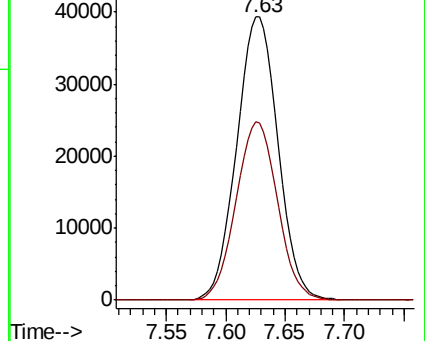
168 100

99 63.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 0.211 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061191.D

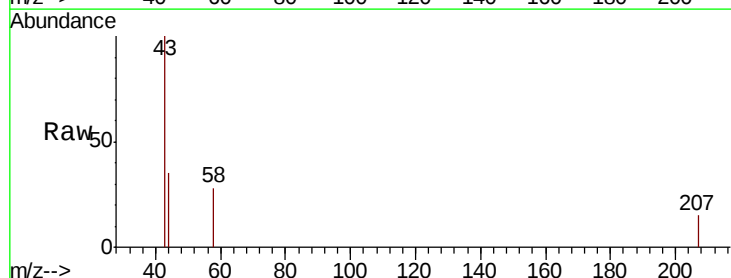
Acq: 29 Apr 2020 14:37

Tgt Ion: 43 Resp: 3322

Ion Ratio Lower Upper

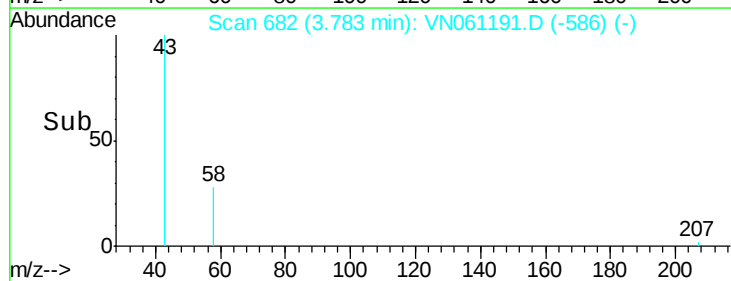
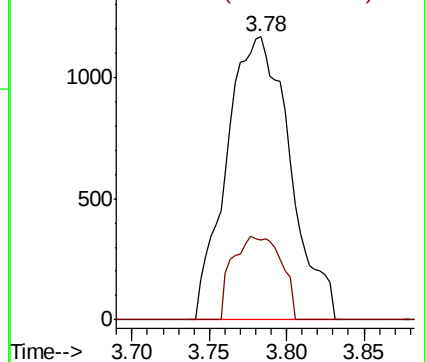
43 100

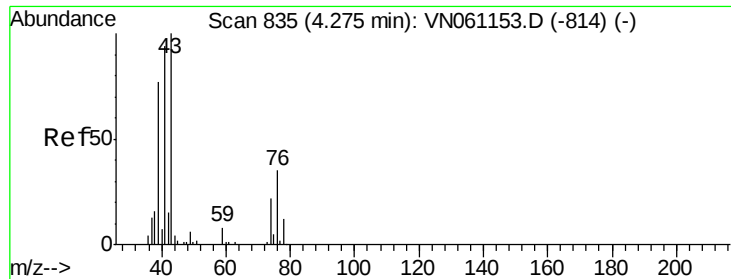
58 28.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

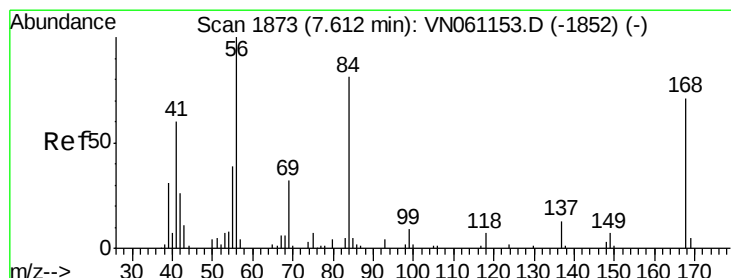
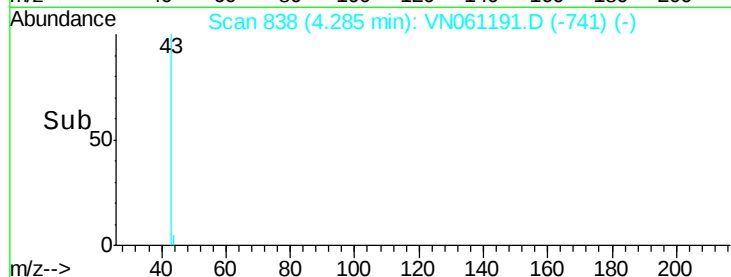
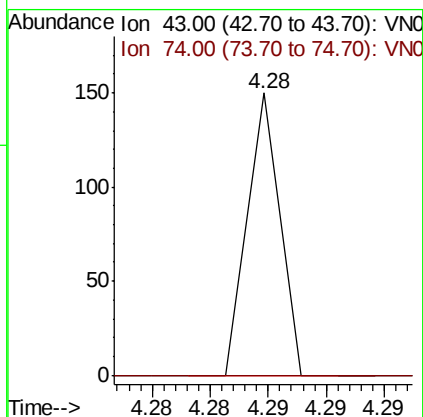
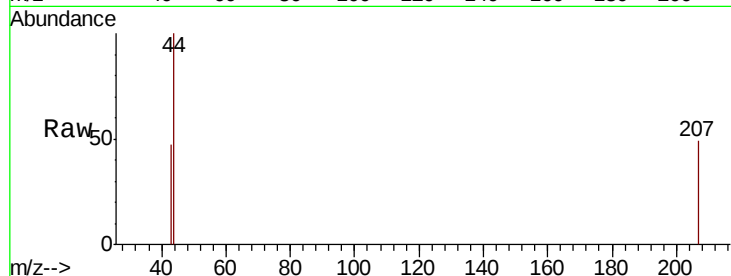




#18
Methvl Acetate
Concen: 0.694 ug/l
RT: 4.28 min Scan# 838
Delta R.T. 0.01 min
Lab File: VN061191.D
Acq: 29 Apr 2020 14:37

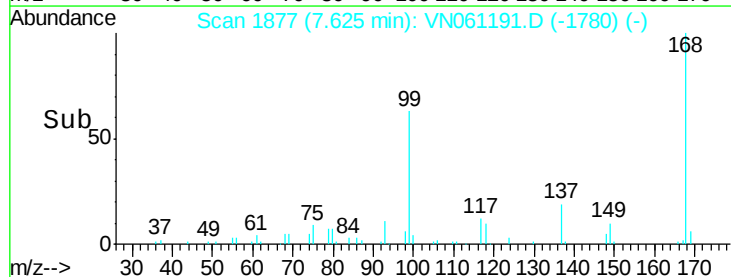
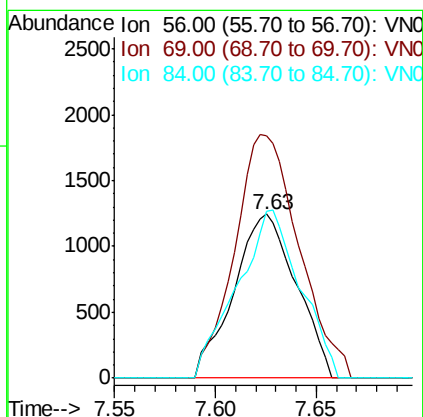
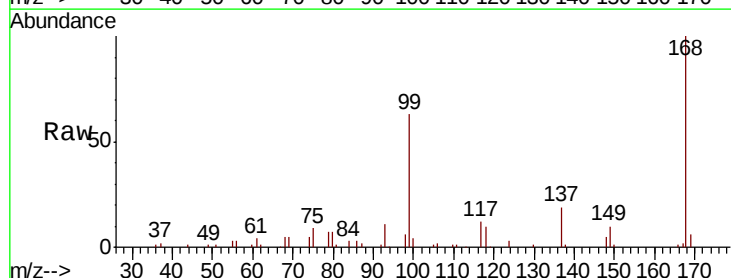
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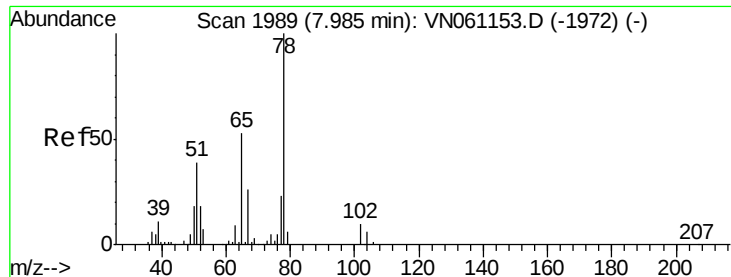
Tot Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061191.D
Acq: 29 Apr 2020 14:37

Tgt Ion: 56 Resp: 2685
Ion Ratio Lower Upper
56 100
69 148.0 25.7 38.5#
84 101.6 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

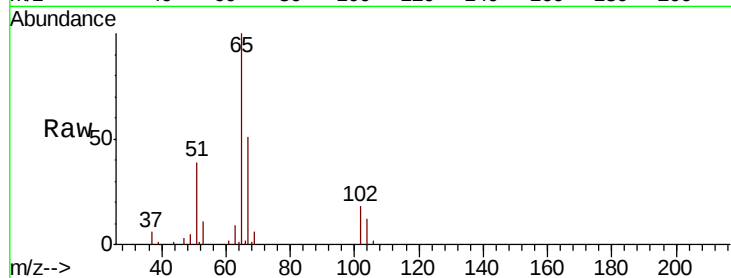
SS036MW014-200423

Tot Ion: 65 Resp: 78132

Ion Ratio Lower Upper

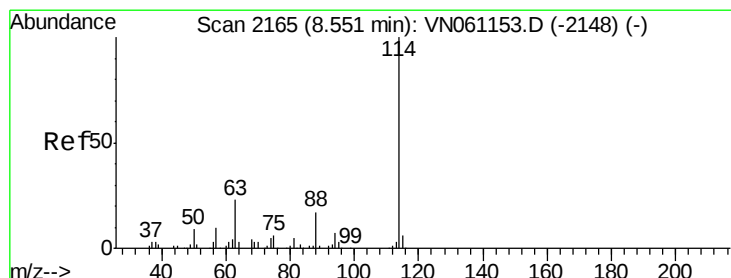
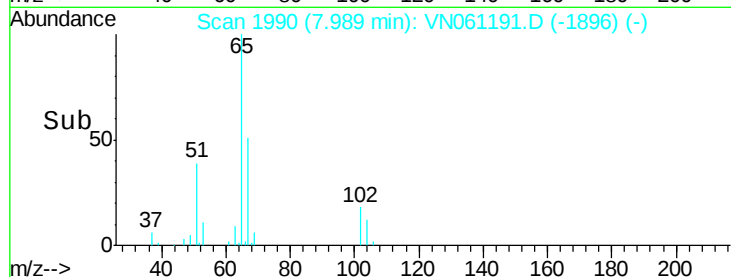
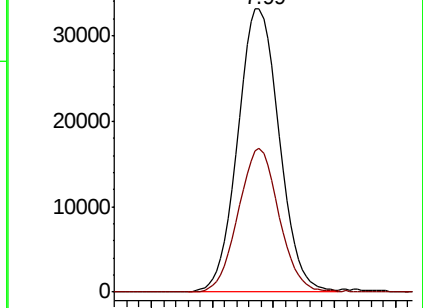
65 100

67 49.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061191.D (-1896) (-)

Ion 66.90 (66.60 to 67.60): VN061191.D (-1896) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

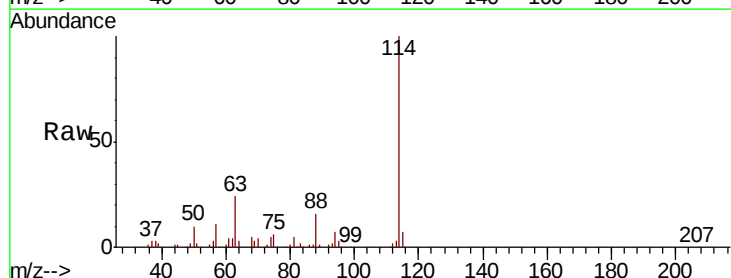
Tgt Ion: 114 Resp: 170081

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

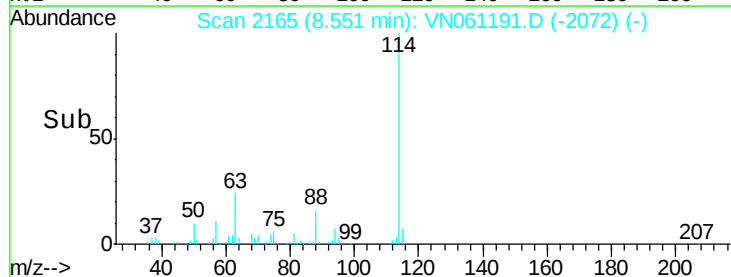
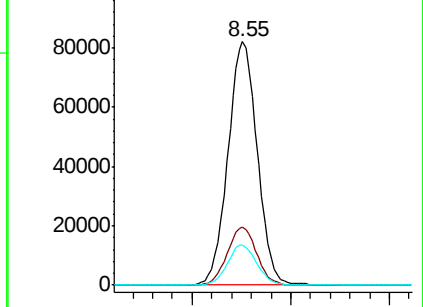
88 16.5 0.0 33.4

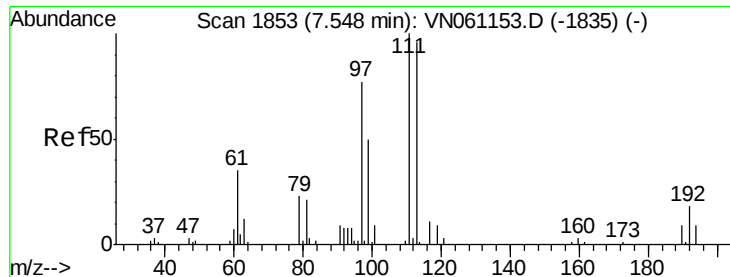


Abundance Ion 113.90 (113.60 to 114.60): VN061191.D (-2072) (-)

Ion 63.00 (62.70 to 63.70): VN061191.D (-2072) (-)

Ion 87.90 (87.60 to 88.60): VN061191.D (-2072) (-)

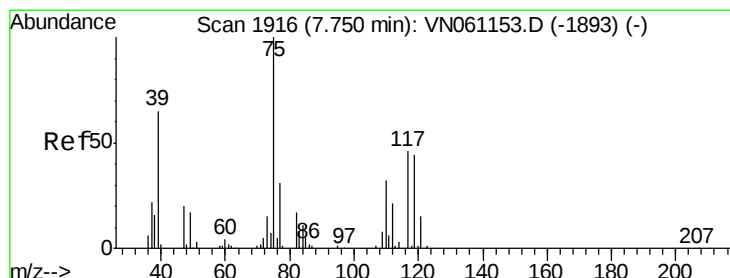
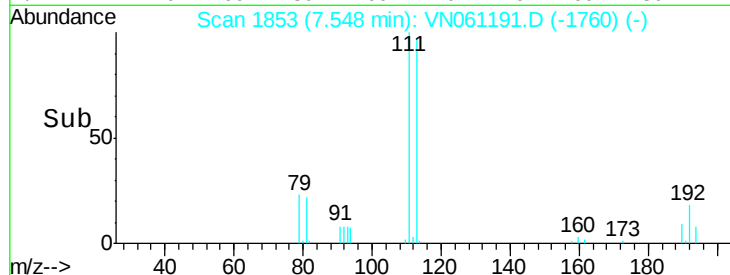
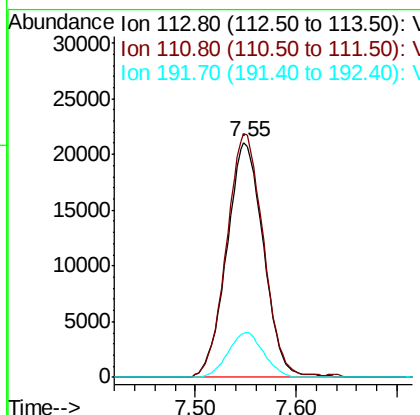
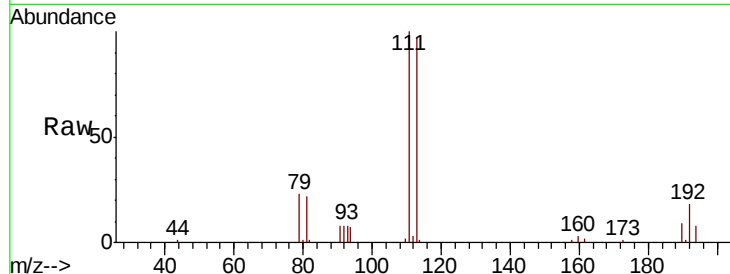




#35
 Dibromofluoromethane
 Concen: 52.957 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061191.D
 Acq: 29 Apr 2020 14:37

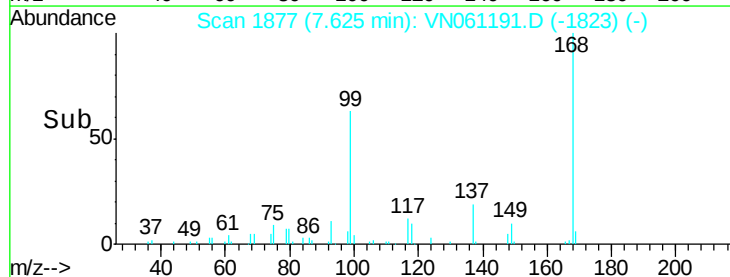
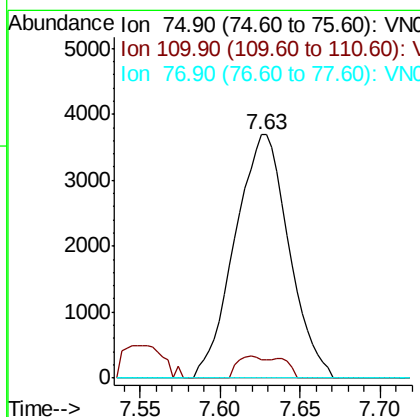
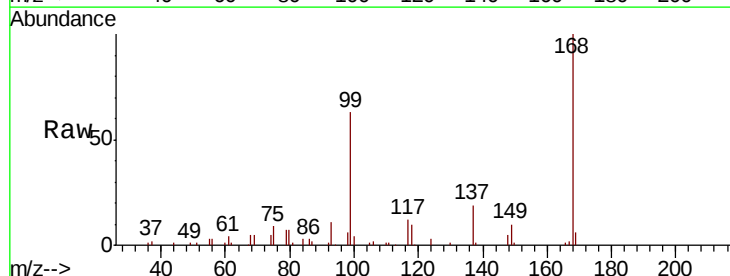
Instrument :
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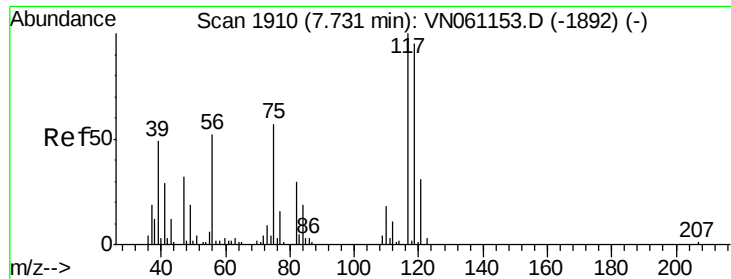
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.5	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 5.016 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061191.D
 Acq: 29 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.5	16.0	48.0#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 8.711 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.11 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

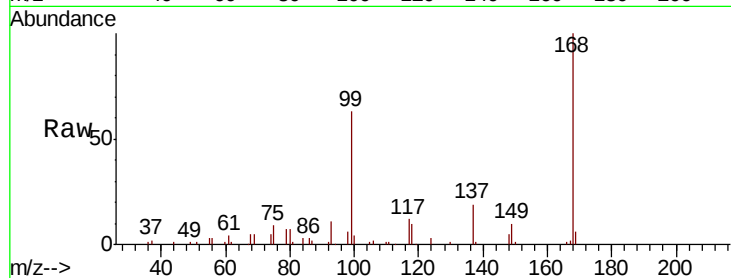
Tot Ion:117 Resp: 10458

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

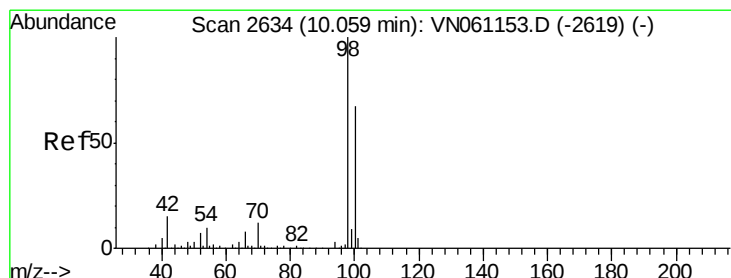
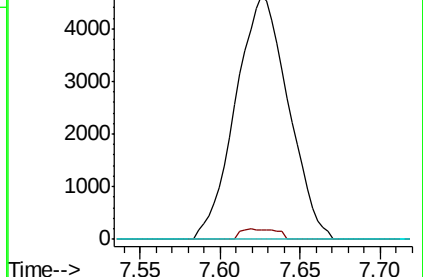
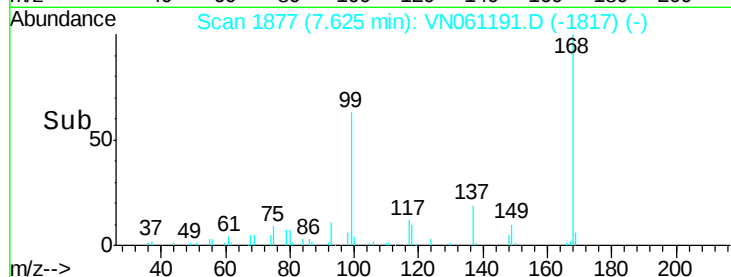
121 0.0 24.7 37.1#



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: 52.324 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061191.D

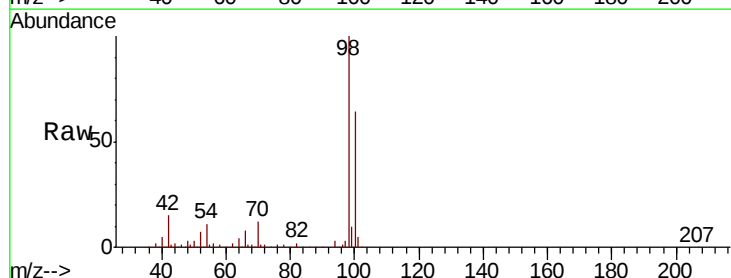
Acq: 29 Apr 2020 14:37

Tgt Ion: 98 Resp: 214521

Ion Ratio Lower Upper

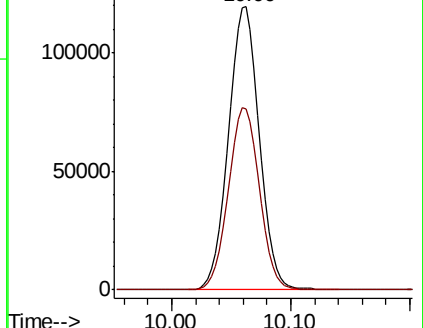
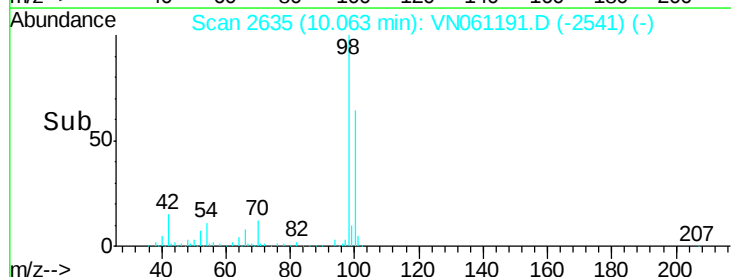
98 100

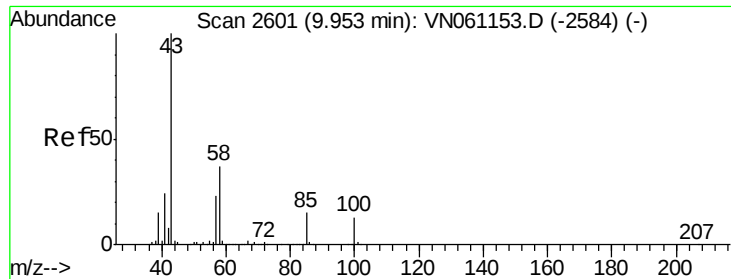
100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

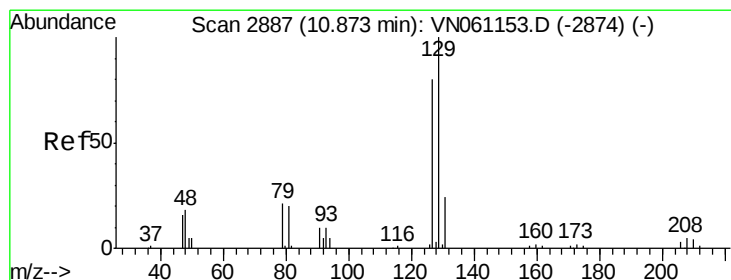
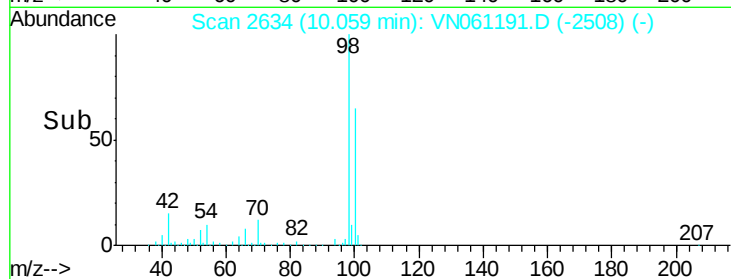
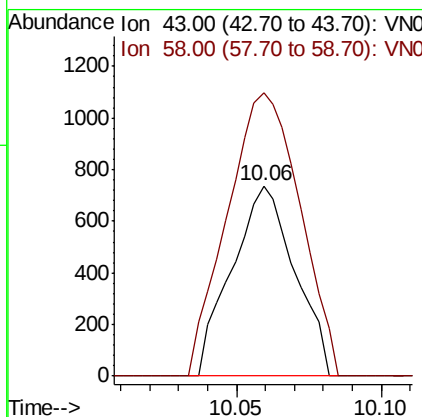
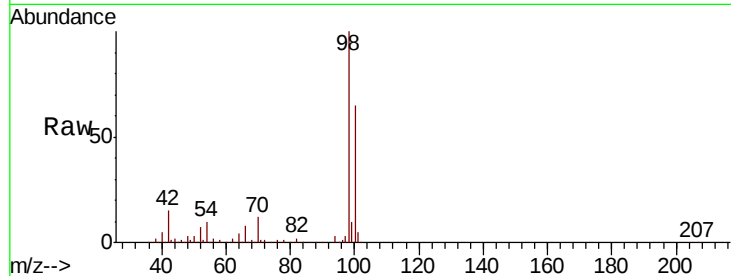




#51
 4-Methyl-2-Pentanone
 Concen: 0.569 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.11 min
 Lab File: VN061191.D
 Acq: 29 Apr 2020 14:37

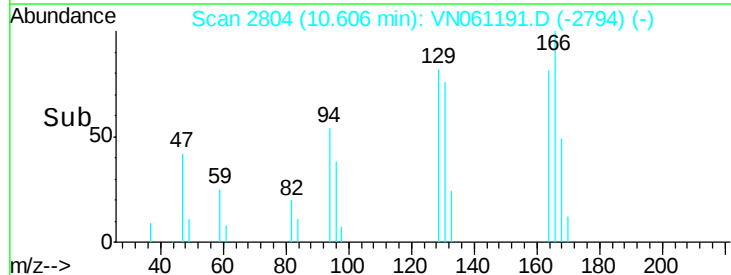
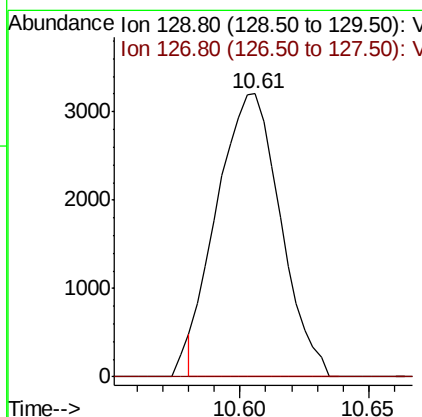
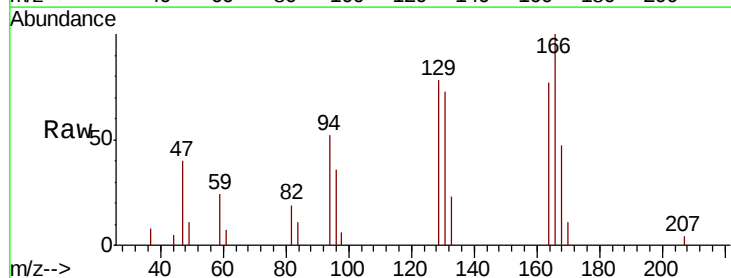
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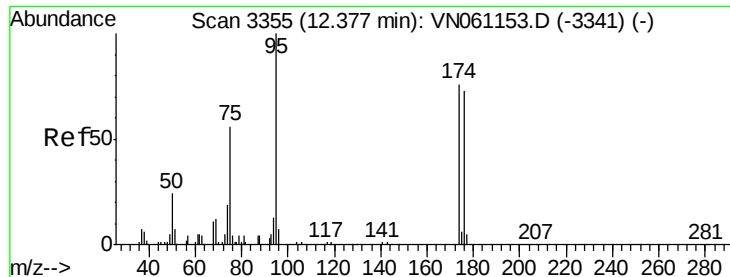
Tot Ion: 43 Resp: 1109
 Ion Ratio Lower Upper
 43 100
 58 172.3 29.1 43.7#



#60
 Dibromochloromethane
 Concen: 4.286 ug/l
 RT: 10.61 min Scan# 2804
 Delta R.T. -0.27 min
 Lab File: VN061191.D
 Acq: 29 Apr 2020 14:37

Tgt Ion: 129 Resp: 5471
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#





#62

4-Bromofluorobenzene

Concen: 51.730 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

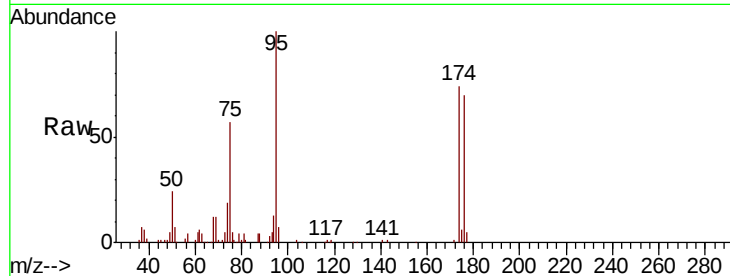
Tot Ion: 95 Resp: 79811

Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.4

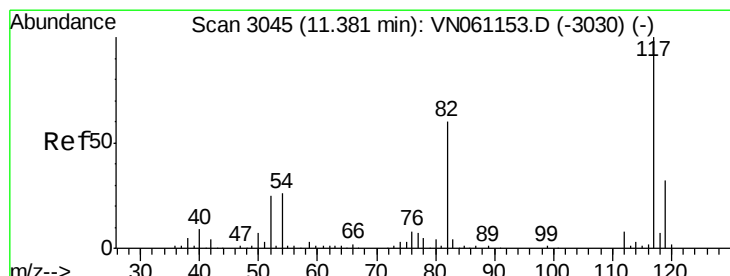
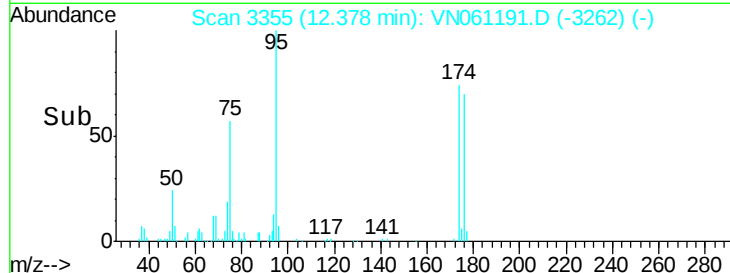
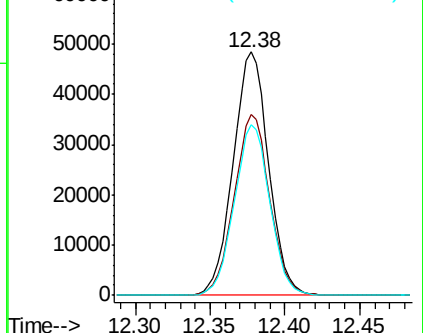
176 70.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

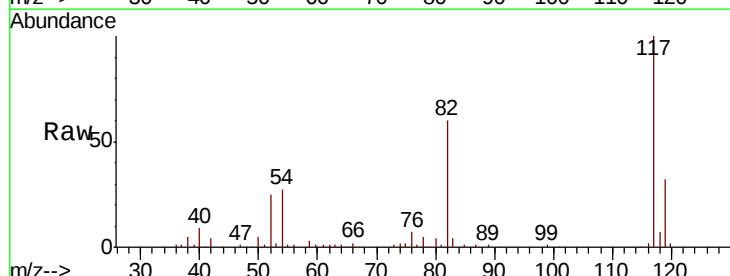
Tgt Ion: 117 Resp: 166744

Ion Ratio Lower Upper

117 100

82 60.3 47.8 71.8

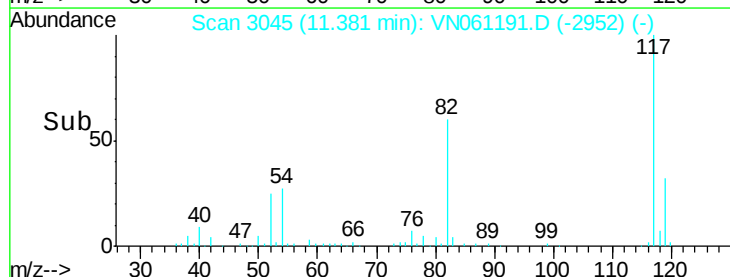
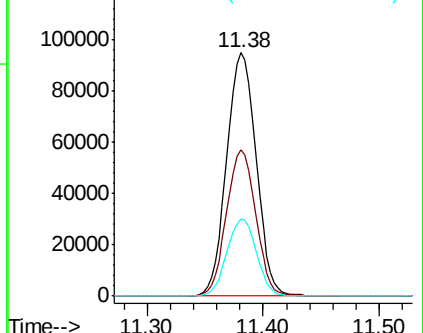
119 31.5 25.8 38.6

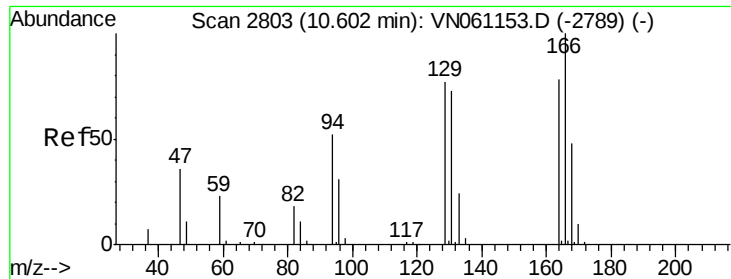


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 3.848 ug/l

RT: 10.61 min Scan# 2804

Delta R.T. 0.00 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

Tot Ion:164 Resp: 5557

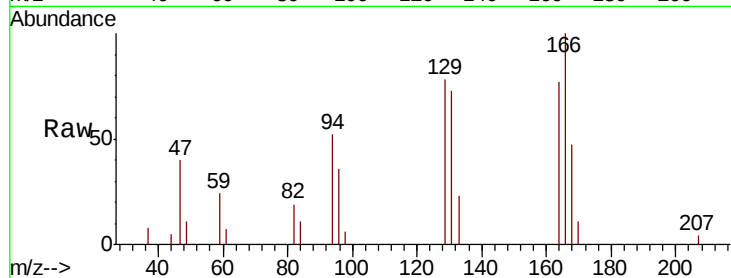
Ion Ratio Lower Upper

164 100

166 129.5 102.0 153.0

129 101.5 78.2 117.2

131 94.1 74.5 111.7

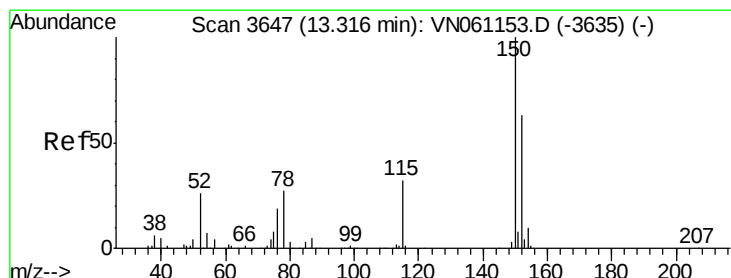
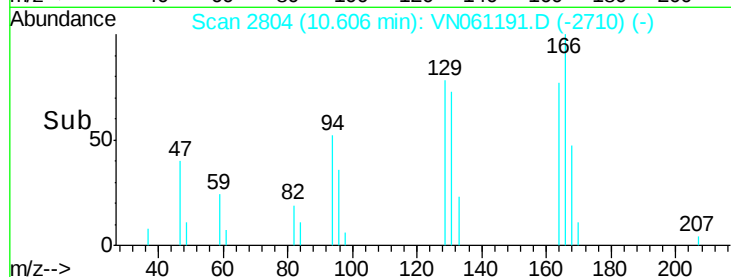
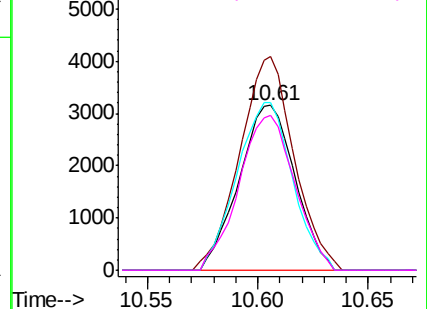


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061191.D

Acq: 29 Apr 2020 14:37

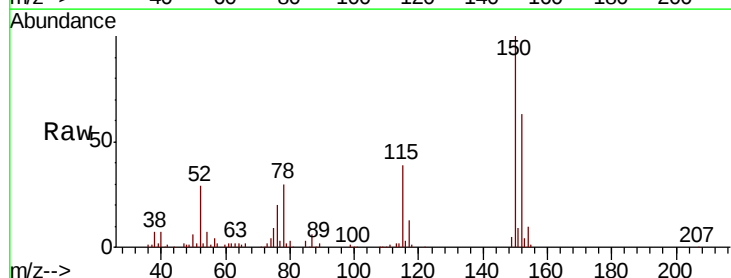
Tgt Ion:152 Resp: 74268

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

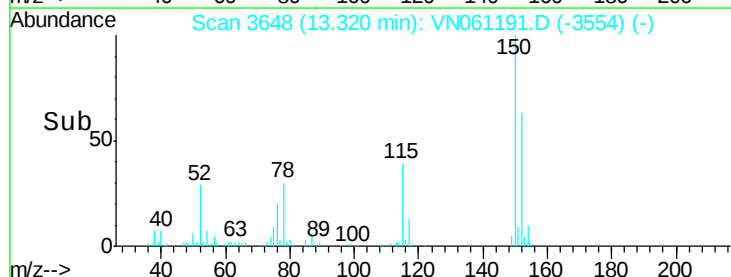
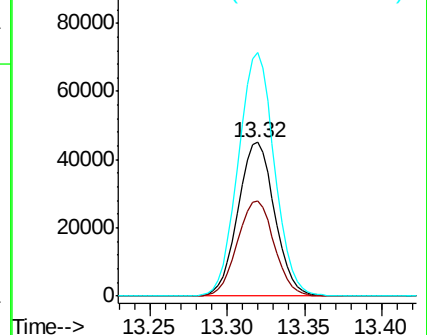
150 156.7 0.0 351.8

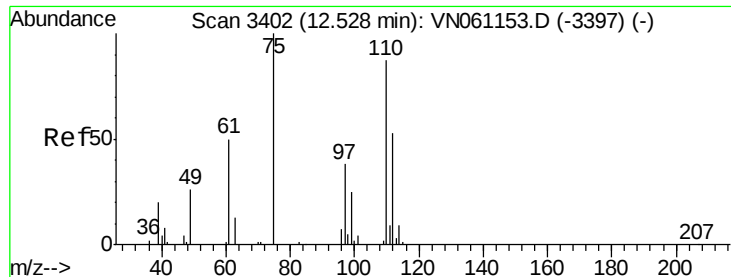


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.000 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

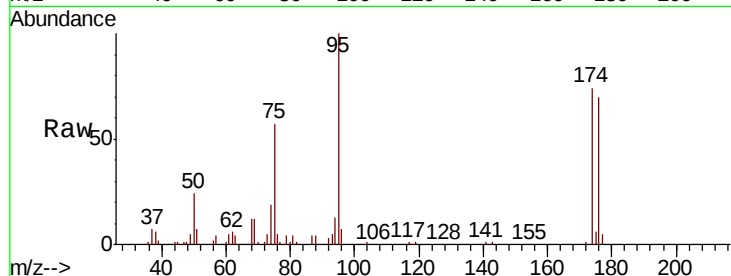
SS036MW014-200423

Tot Ion: 75 Resp: 45408

Ion Ratio Lower Upper

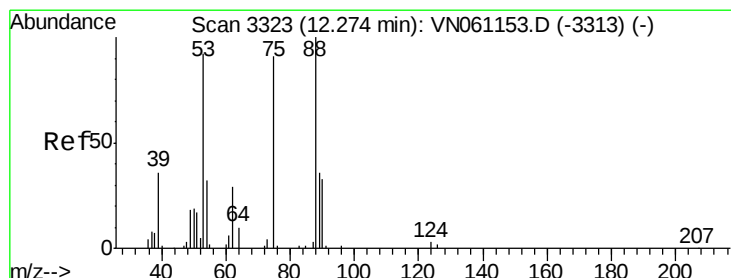
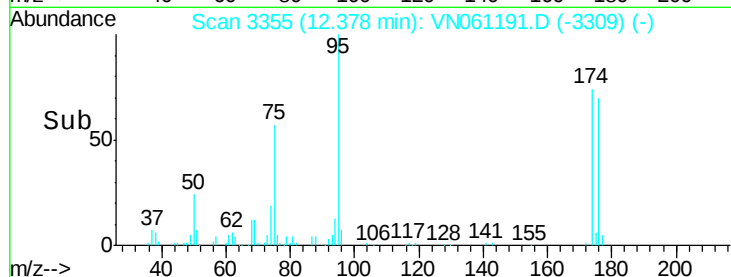
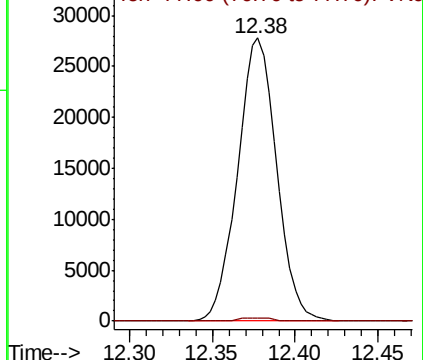
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.646 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061191.D

Acq: 29 Apr 2020 14:37

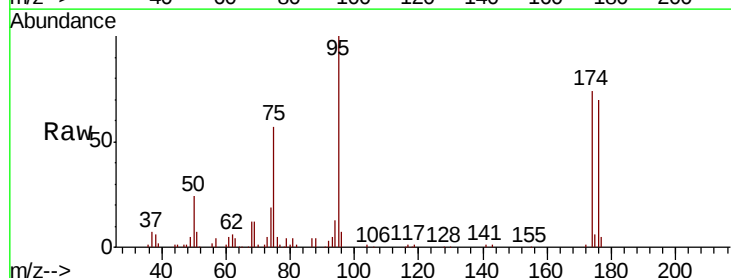
Tgt Ion: 75 Resp: 45408

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

