

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061175.D
 Acq On : 28 Apr 2020 19:55
 Operator : JC/MD
 Sample : L2415-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS036MW014-200423

Quant Time: Apr 29 08:00:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	95322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76062	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	78012	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	54006	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
50) Toluene-d8	10.06	98	213871	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	80320	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	

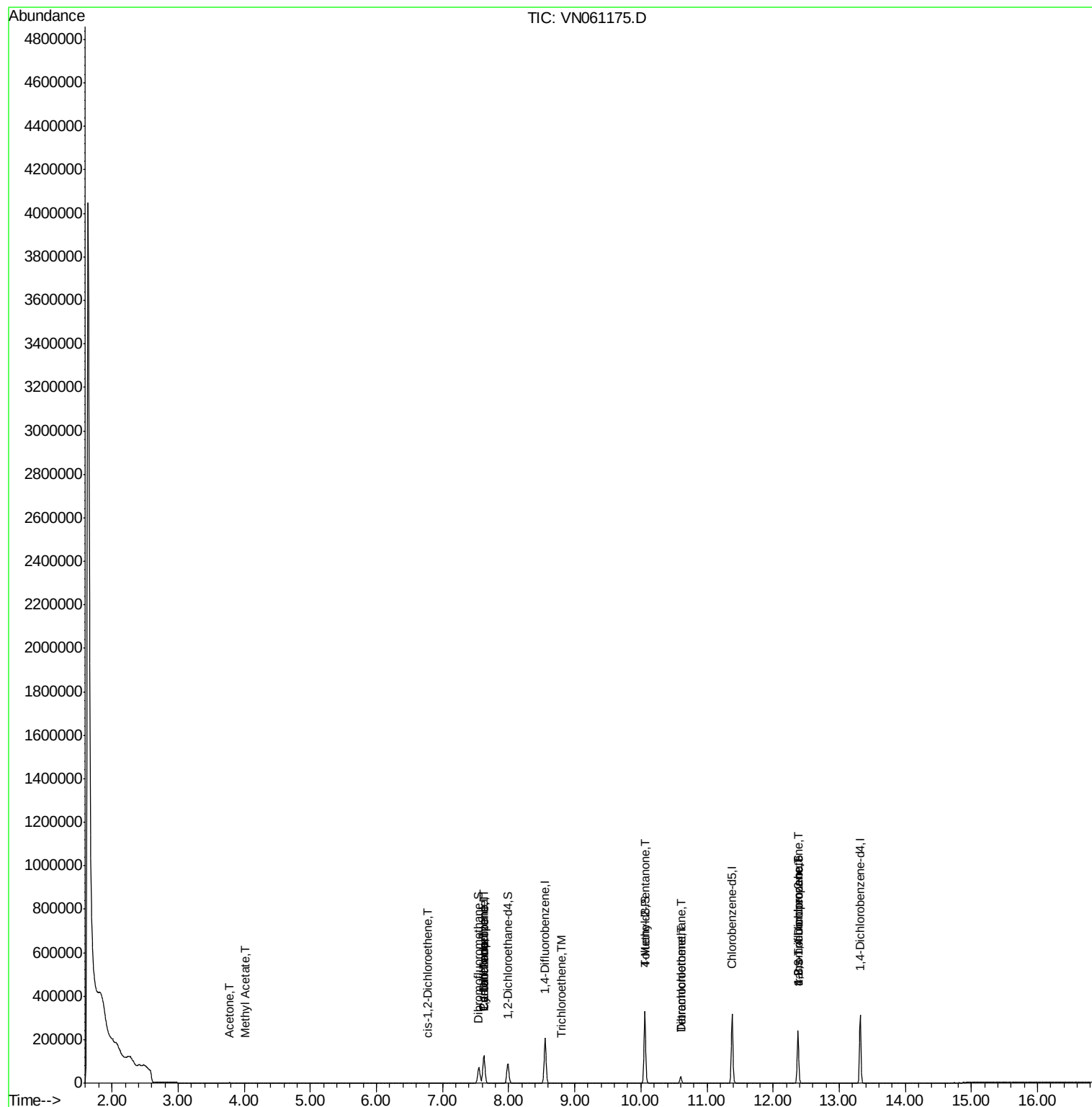
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3444	0.388	ug/l	94
18) Methyl Acetate	4.03	43	222	0.794	ug/l #	55
27) cis-1,2-Dichloroethene	6.77	96	508	0.395	ug/l	14
31) Cyclohexane	7.62	56	2450	1.117	ug/l #	7
36) 1,1-Dichloropropene	7.62	75	8499	4.970	ug/l #	50
38) Carbon Tetrachloride	7.63	117	10369	7.582	ug/l #	17
44) Trichloroethene	8.80	130	468	0.340	ug/l	73
51) 4-Methyl-2-Pentanone	10.06	43	1221	0.623	ug/l #	1
60) Dibromochloromethane	10.60	129	6012	4.689	ug/l #	10
64) Tetrachloroethene	10.61	164	6566	4.521	ug/l	96
76) 1,2,3-Trichloropropane	12.38	75	45962	28.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45962	72.786	ug/l #	8

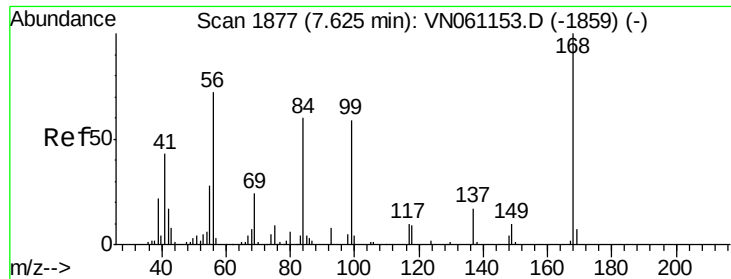
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061175.D

Acq: 28 Apr 2020 19:55

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ClientSampleId :

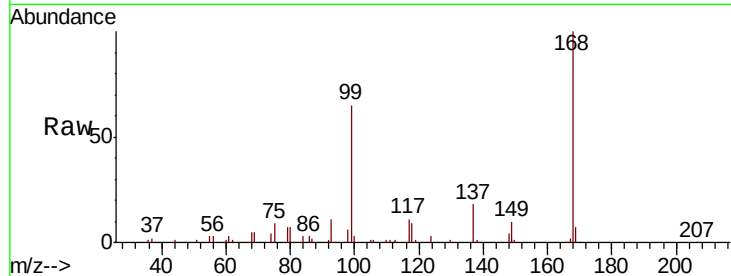
SS036MW014-200423

Tot Ion:168 Resp: 95322

Ion Ratio Lower Upper

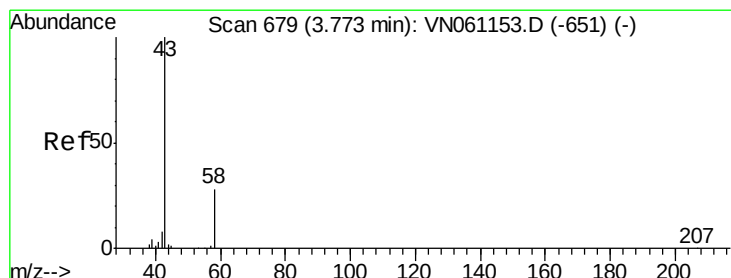
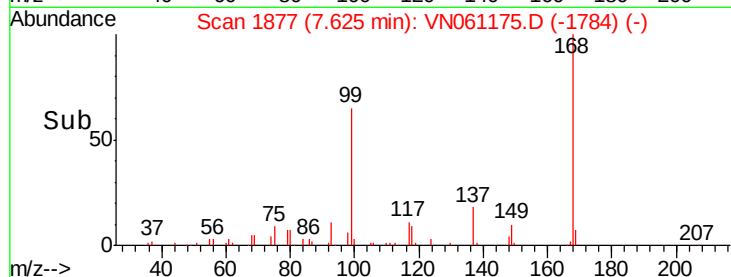
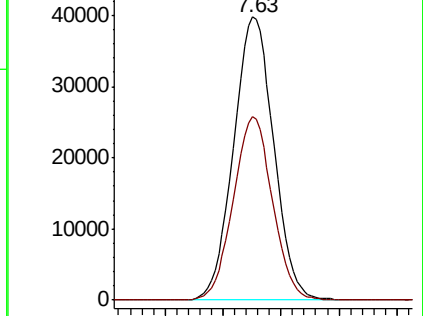
168 100

99 64.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.388 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061175.D

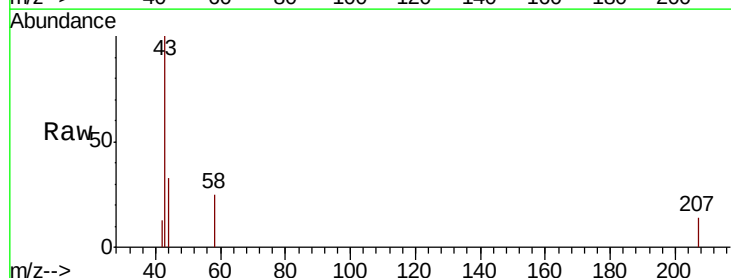
Acq: 28 Apr 2020 19:55

Tgt Ion: 43 Resp: 3444

Ion Ratio Lower Upper

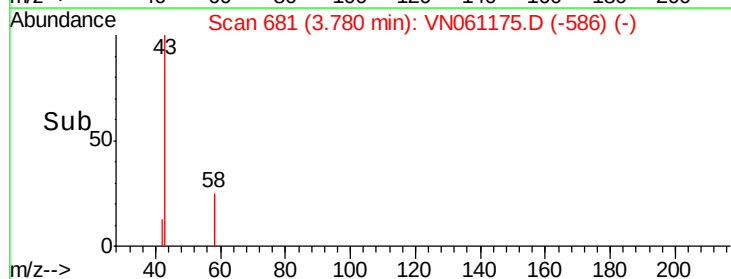
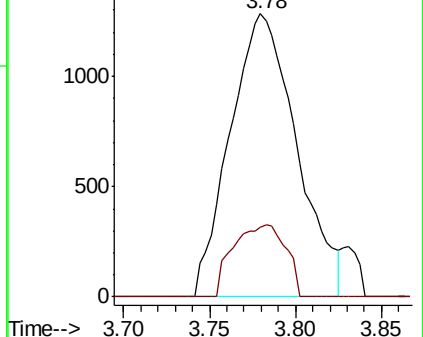
43 100

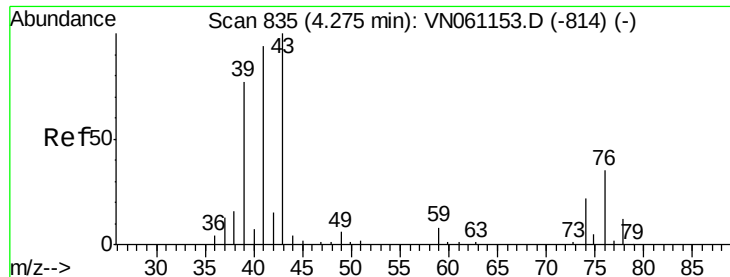
58 24.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

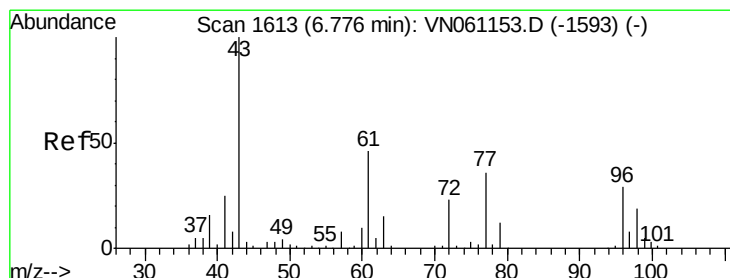
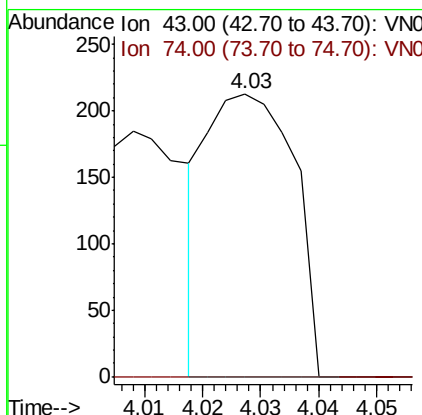
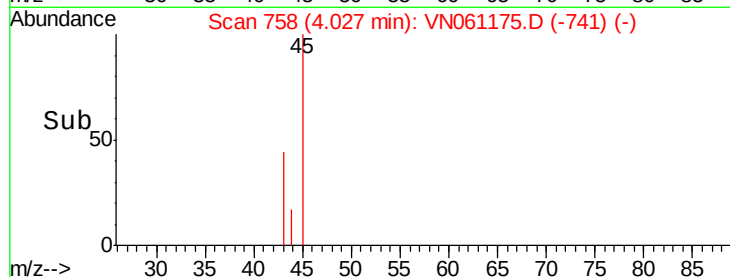
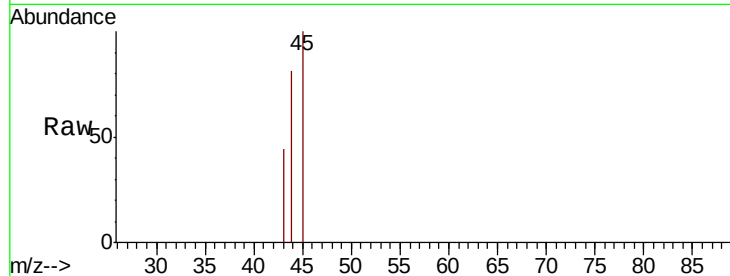




#18
Methvl Acetate
Concen: 0.794 ug/l
RT: 4.03 min Scan# 758
Delta R.T. -0.25 min
Lab File: VN061175.D
Acq: 28 Apr 2020 19:55

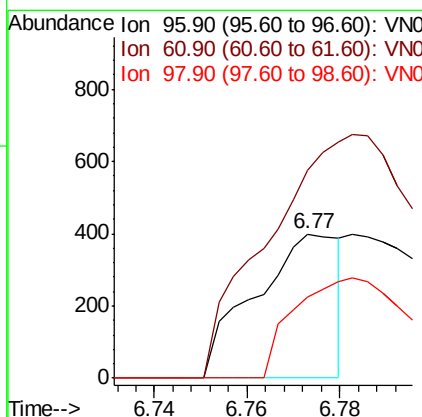
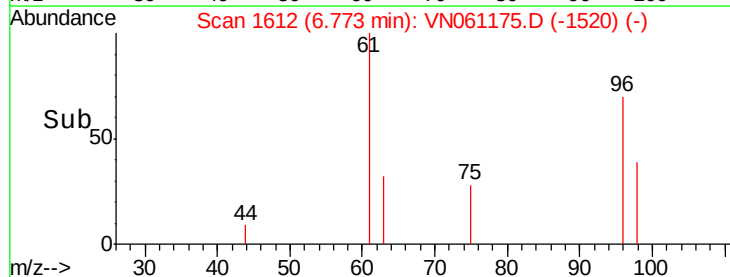
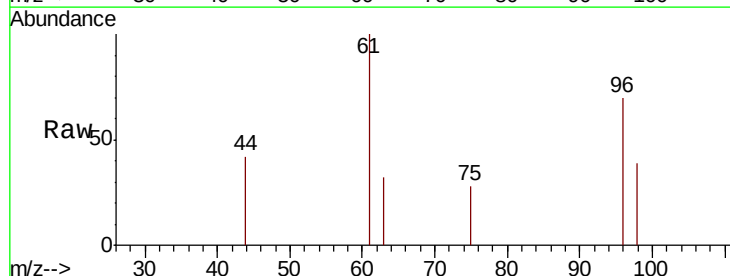
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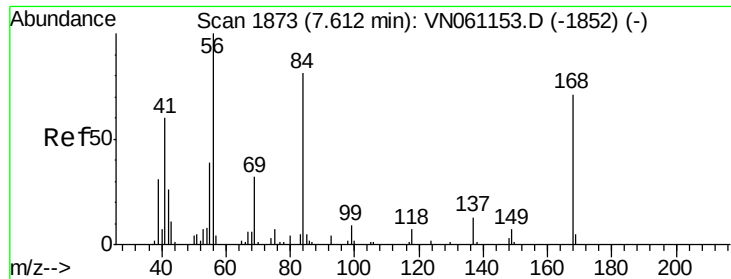
Tot Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#27
cis-1,2-Dichloroethene
Concen: 0.395 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VN061175.D
Acq: 28 Apr 2020 19:55

Tgt Ion: 96 Resp: 508
Ion Ratio Lower Upper
96 100
61 308.5 0.0 322.0
98 84.3 0.0 129.6

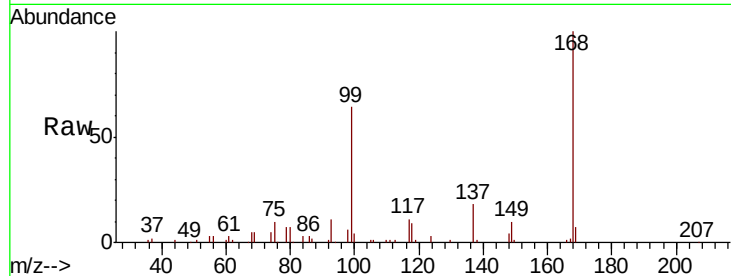




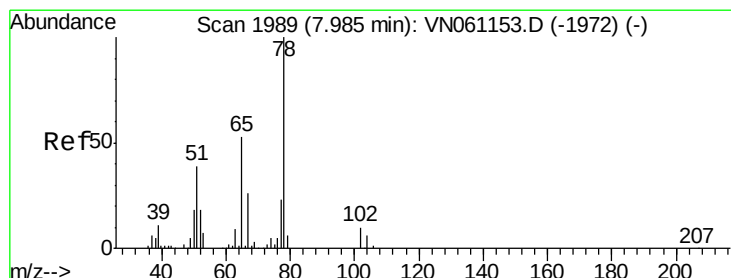
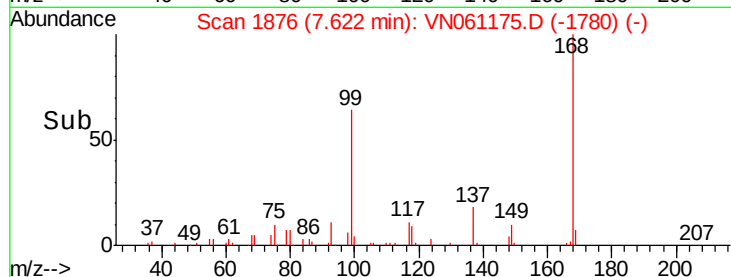
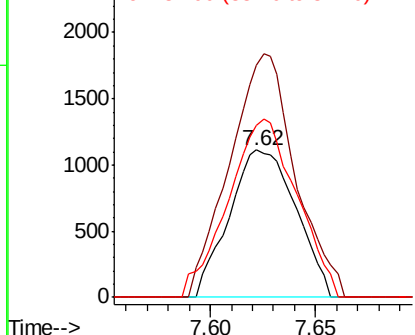
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061175.D
Acq: 28 Apr 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
SS036MW014-200423

Tot Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 157.4 25.7 38.5#
84 116.4 64.6 97.0#

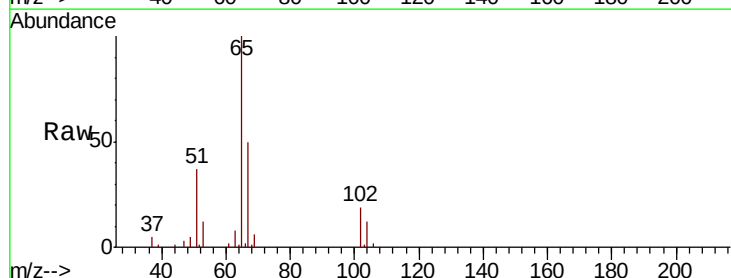


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

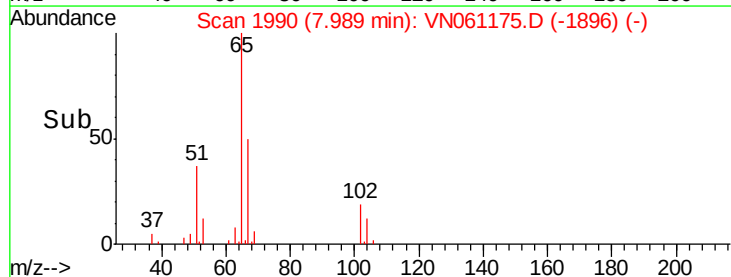
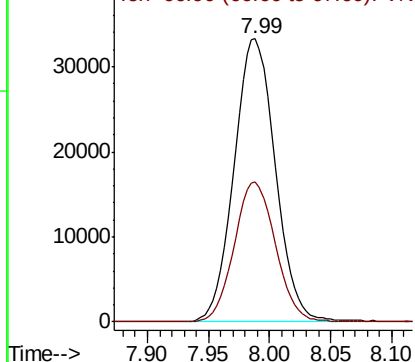


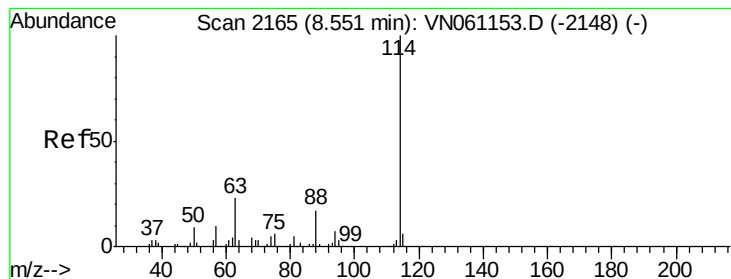
#33
1,2-Dichloroethane-d4
Concen: 51.722 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061175.D
Acq: 28 Apr 2020 19:55

Tgt Ion: 65 Resp: 78012
Ion Ratio Lower Upper
65 100
67 49.4 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: VN061175.D

Acq: 28 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

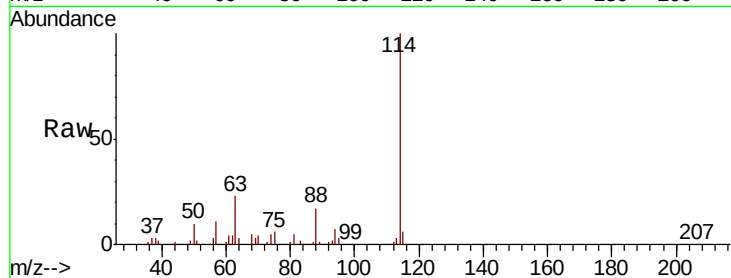
Tot Ion:114 Resp: 170835

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.6

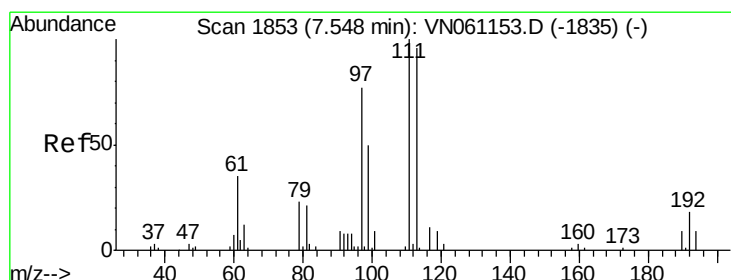
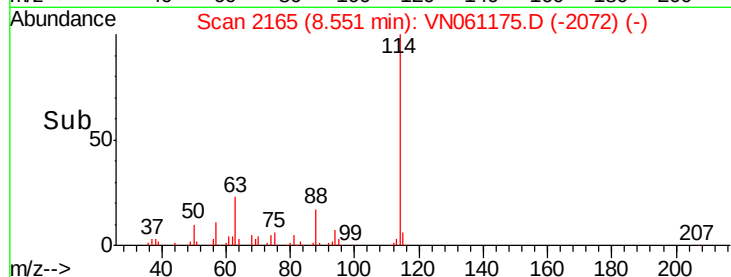
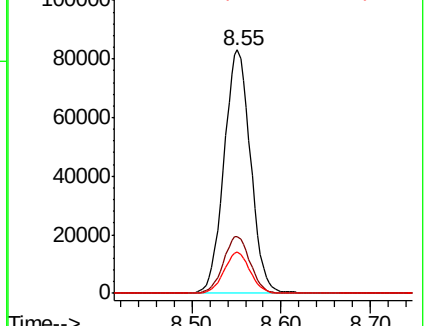
88 16.9 0.0 33.4



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: 53.461 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

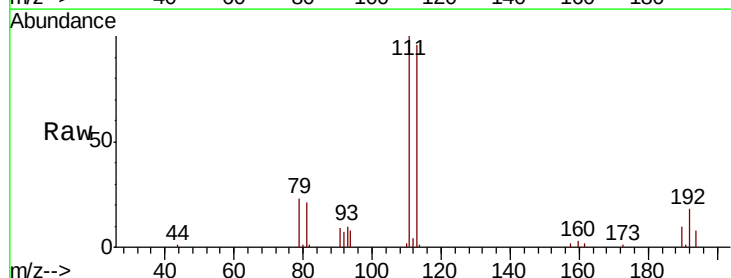
Tgt Ion:113 Resp: 54006

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

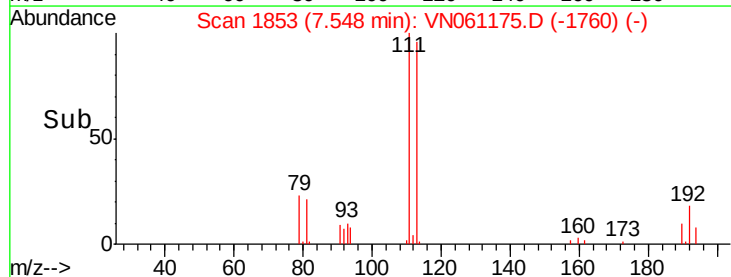
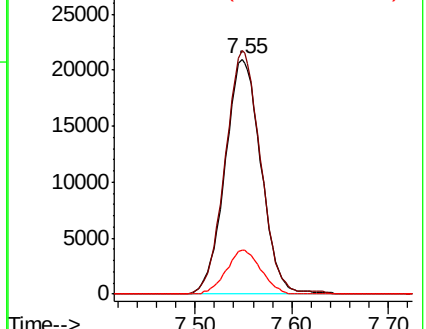
192 18.1 14.7 22.1

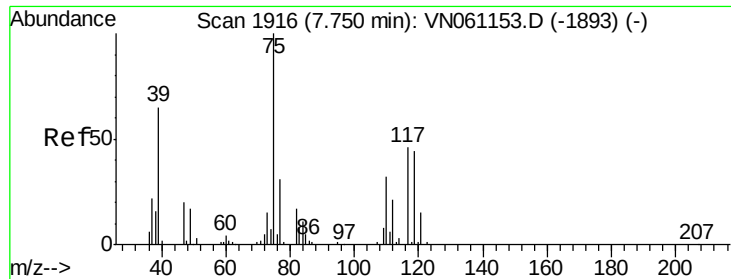


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

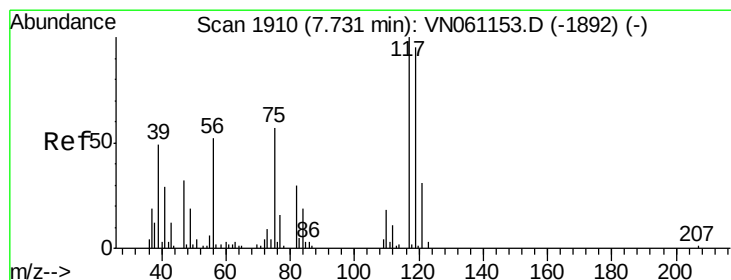
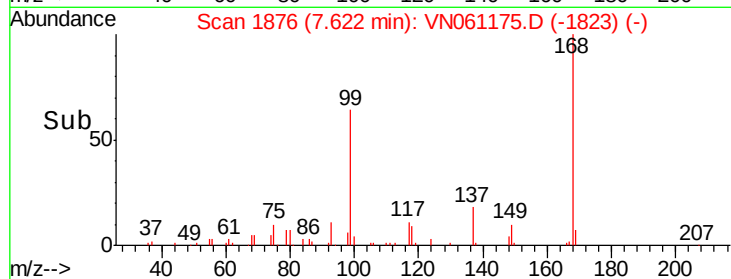
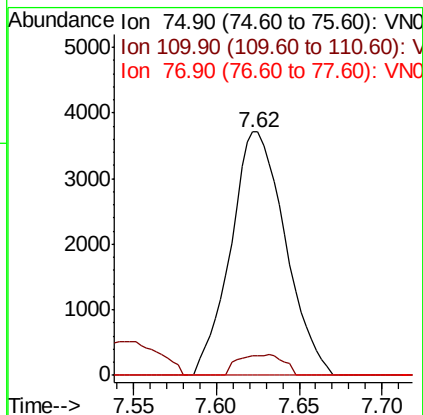
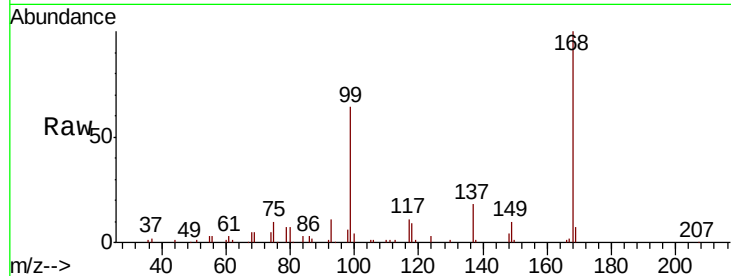




#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061175.D
 Acq: 28 Apr 2020 19:55

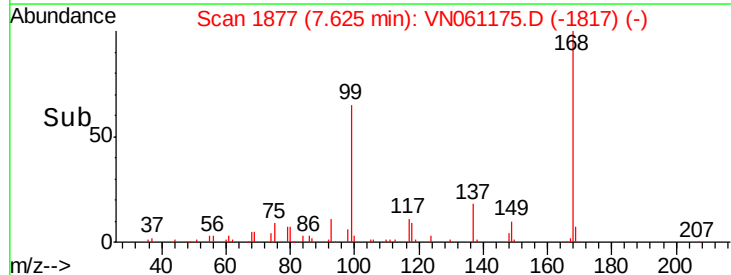
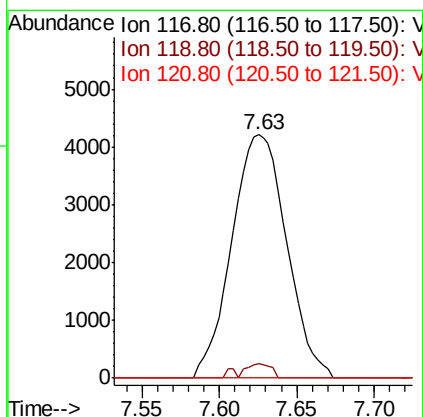
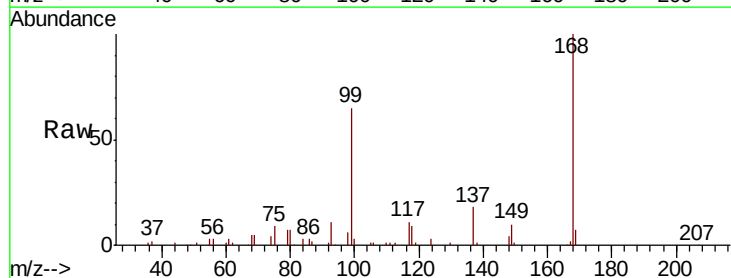
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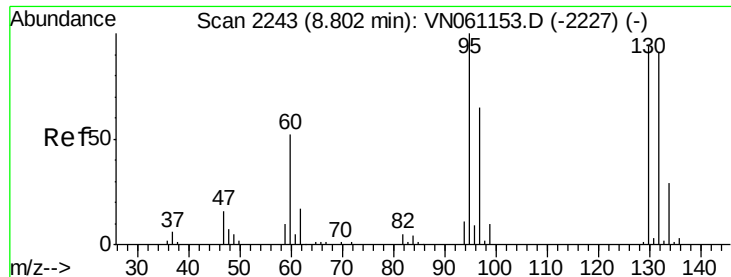
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.582 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061175.D
 Acq: 28 Apr 2020 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.6#
121	0.0	24.7	37.1#





#44

Trichloroethene

Concen: 0.340 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

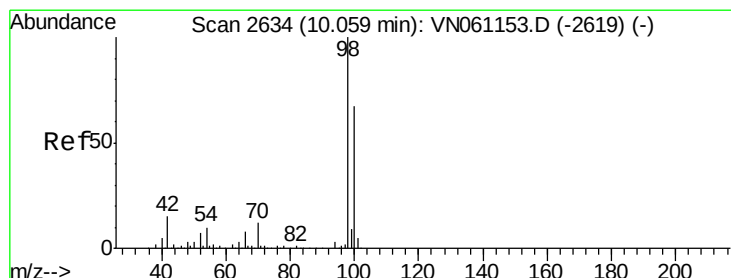
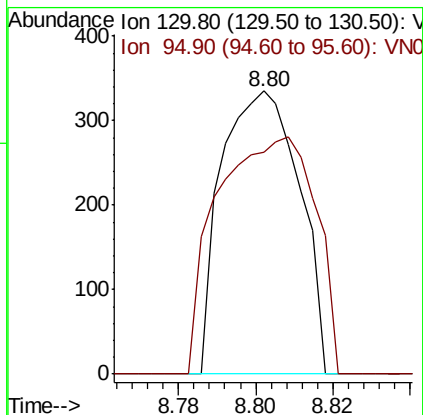
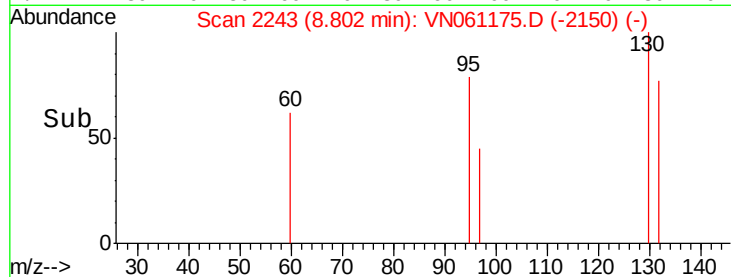
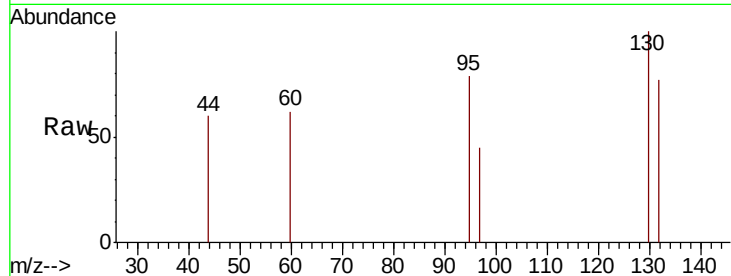
SS036MW014-200423

Tot Ion:130 Resp: 468

Ion Ratio Lower Upper

130 100

95 78.5 0.0 212.4



#50

Toluene-d8

Concen: 51.935 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061175.D

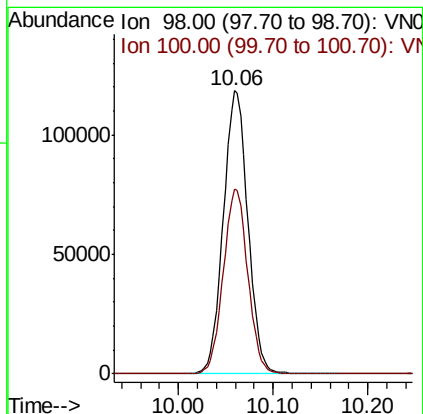
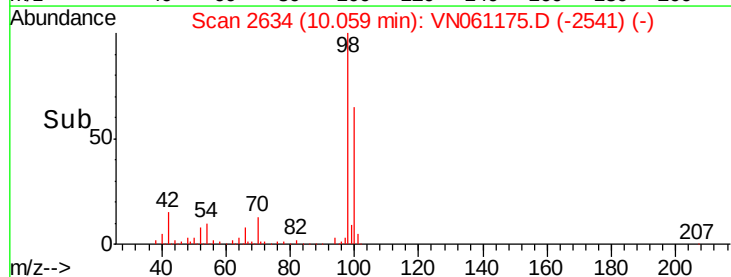
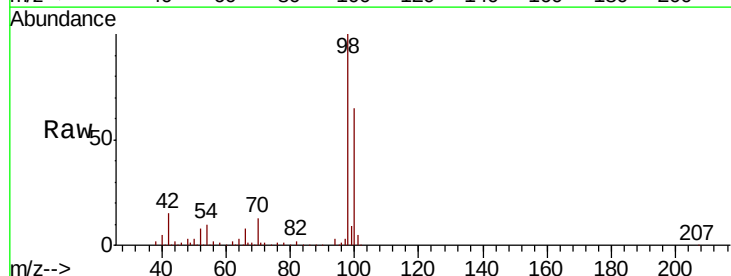
Acq: 28 Apr 2020 19:55

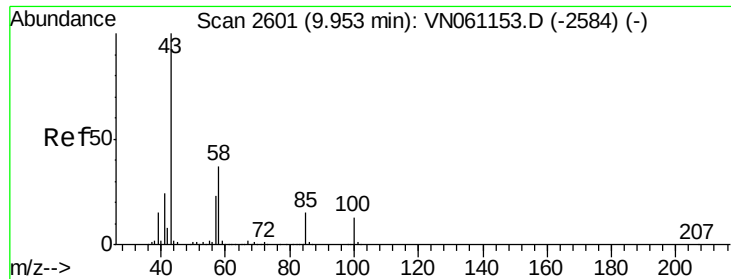
Tgt Ion: 98 Resp: 213871

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0

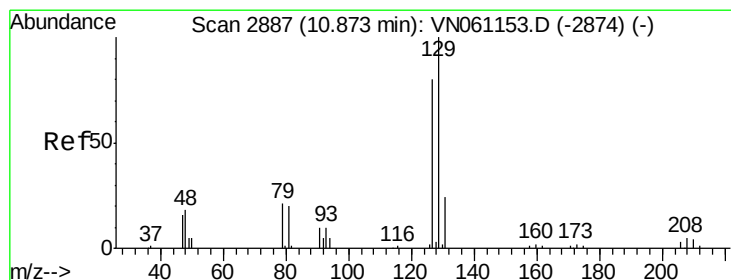
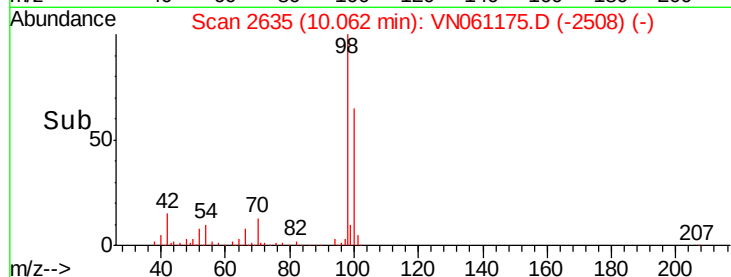
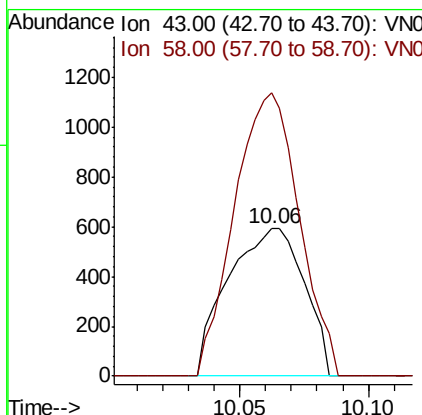
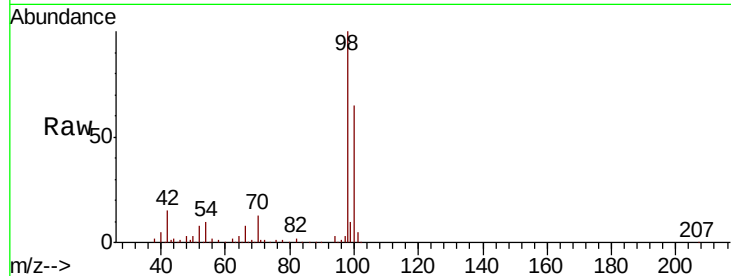




#51
 4-Methyl-2-Pentanone
 Concen: 0.623 ug/l
 RT: 10.06 min Scan# 2635
 Delta R.T. 0.11 min
 Lab File: VN061175.D
 Acq: 28 Apr 2020 19:55

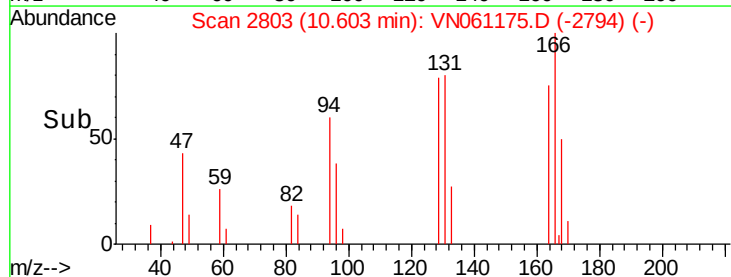
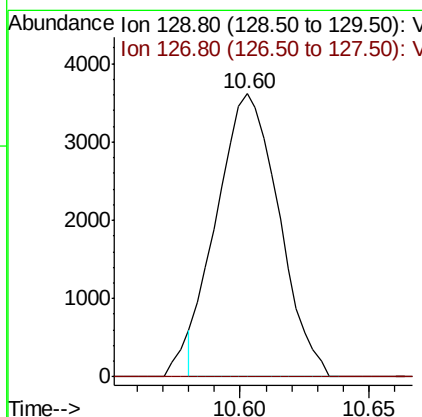
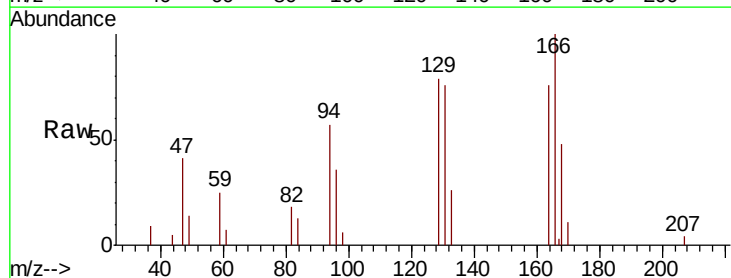
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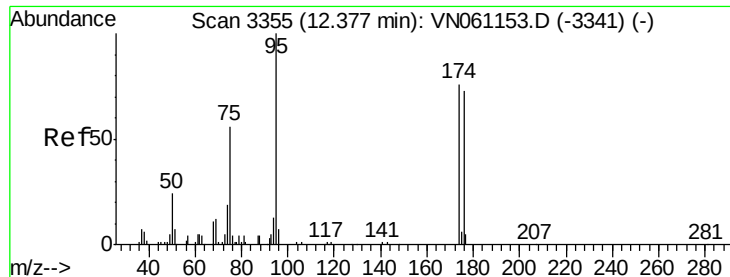
Tot Ion: 43 Resp: 1221
 Ion Ratio Lower Upper
 43 100
 58 163.6 29.1 43.7#



#60
 Dibromochloromethane
 Concen: 4.689 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. -0.27 min
 Lab File: VN061175.D
 Acq: 28 Apr 2020 19:55

Tgt Ion: 129 Resp: 6012
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#





#62

4-Bromofluorobenzene

Concen: 51.830 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

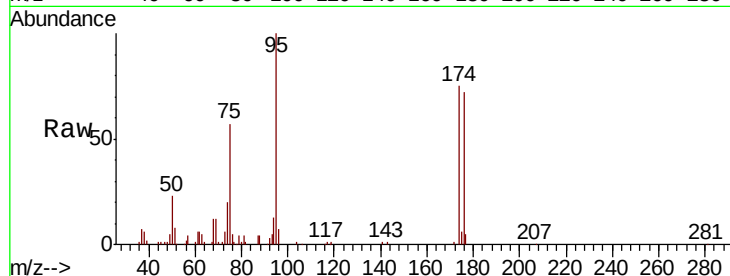
Tot Ion: 95 Resp: 80320

Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.4

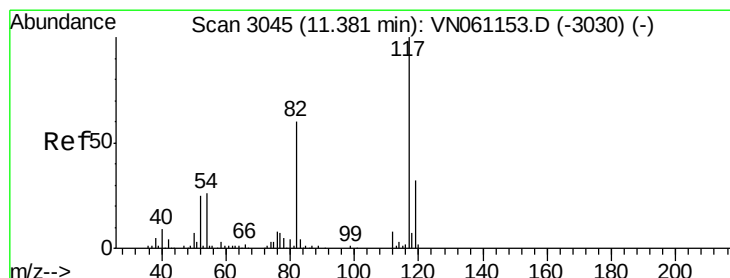
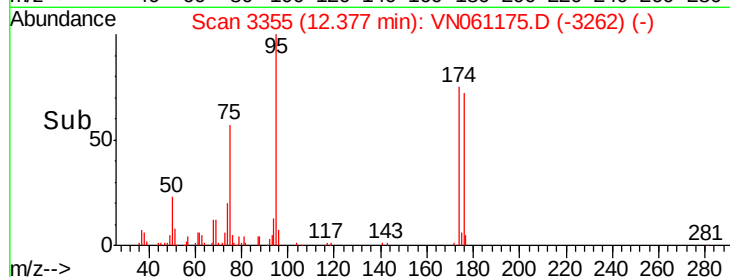
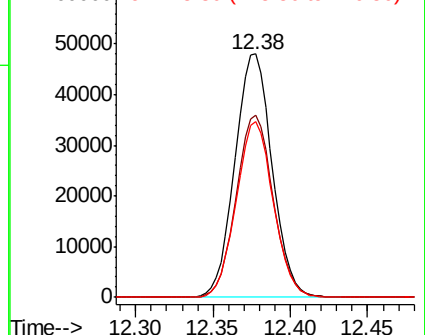
176 71.6 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061175.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061175.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061175.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

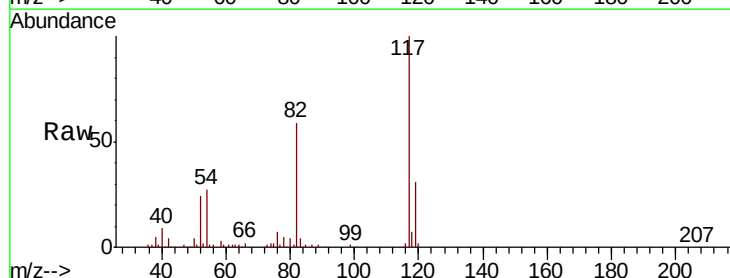
Tgt Ion: 117 Resp: 167695

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

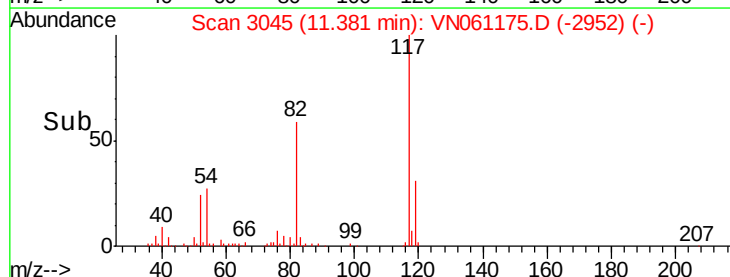
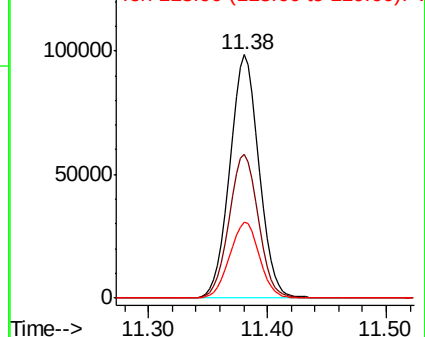
119 31.2 25.8 38.6

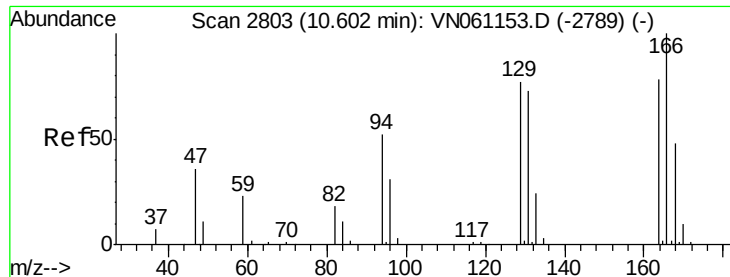


Abundance Ion 116.90 (116.60 to 117.60): VN061175.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061175.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061175.D (-2952) (-)





#64

Tetrachloroethene

Concen: 4.521 ug/l

RT: 10.61 min Scan# 2804

Delta R.T. 0.00 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

SS036MW014-200423

Tot Ion:164 Resp: 6566

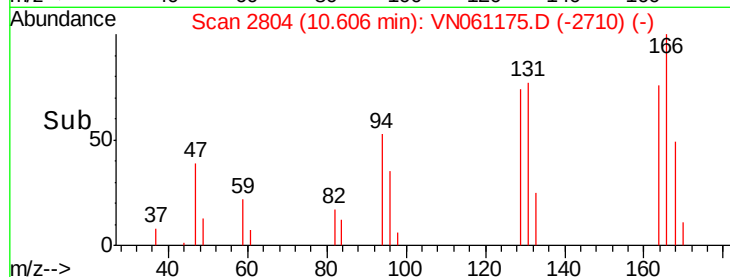
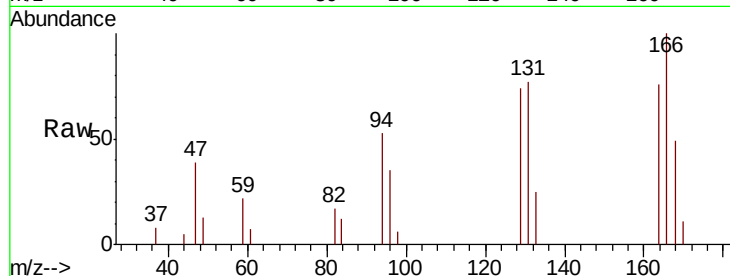
Ion Ratio Lower Upper

164 100

166 132.1 102.0 153.0

129 97.4 78.2 117.2

131 101.7 74.5 111.7

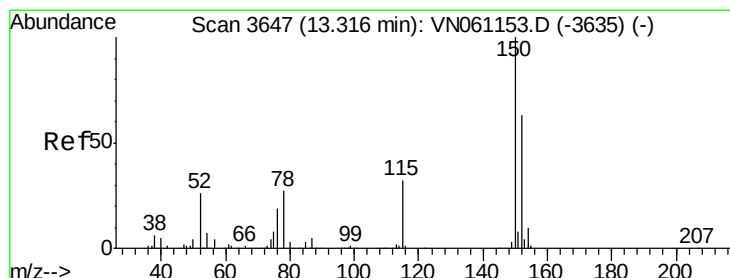
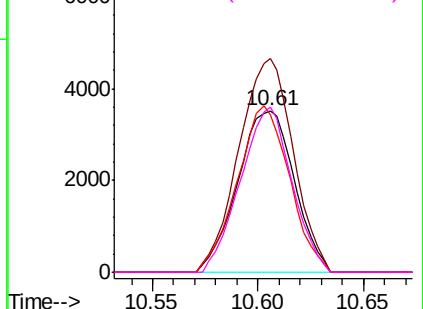


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061175.D

Acq: 28 Apr 2020 19:55

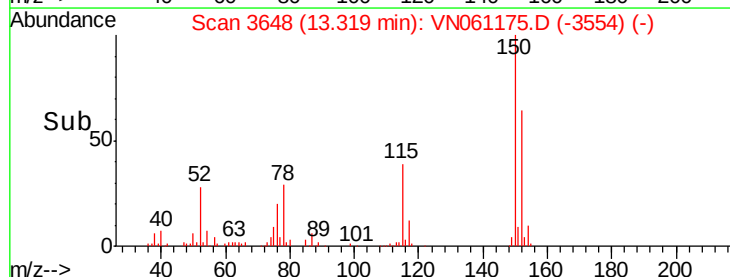
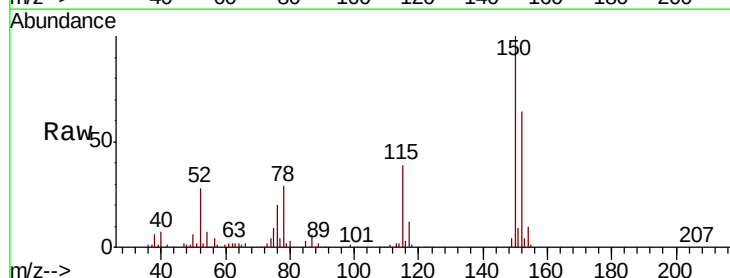
Tgt Ion:152 Resp: 76062

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

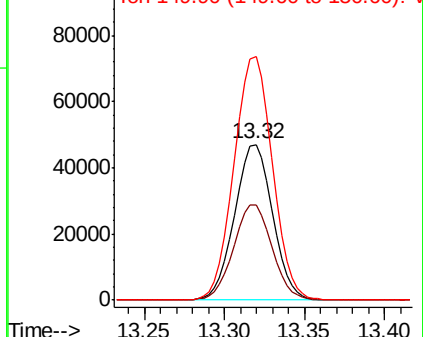
150 158.3 0.0 351.8

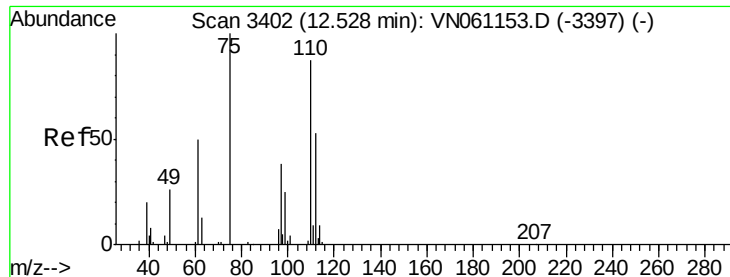


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.662 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

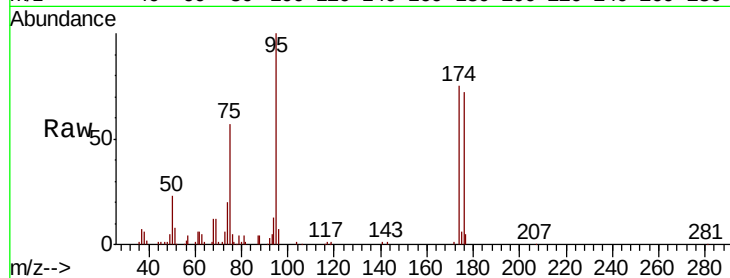
SS036MW014-200423

Tot Ion: 75 Resp: 45962

Ion Ratio Lower Upper

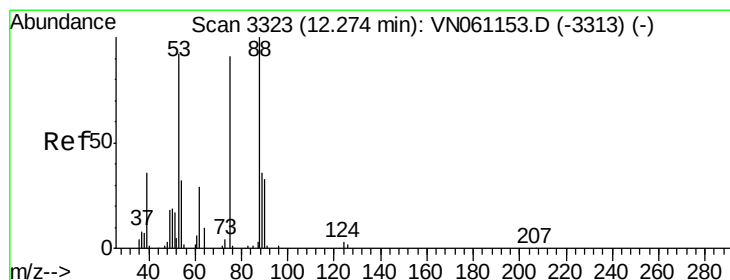
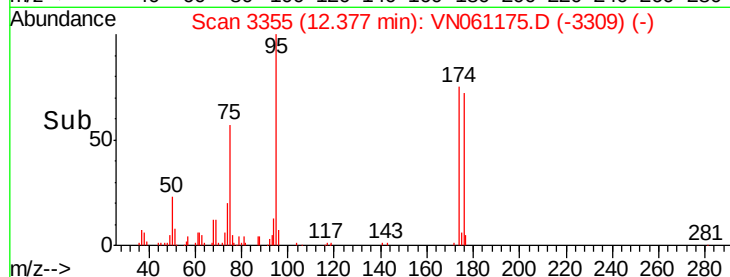
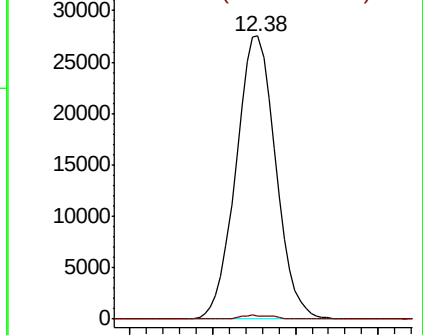
75 100

77 1.1 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: 72.786 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061175.D

Acq: 28 Apr 2020 19:55

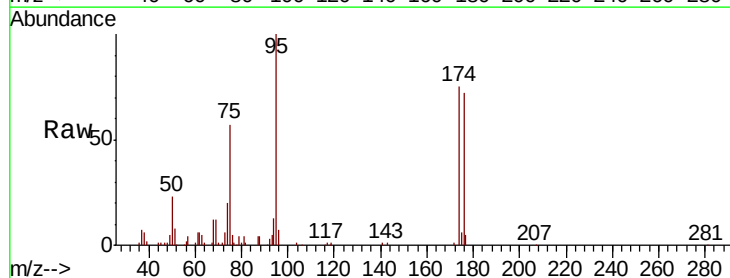
Tgt Ion: 75 Resp: 45962

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

