

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061173.D
 Acq On : 28 Apr 2020 19:09
 Operator : JC/MD
 Sample : L2415-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW215-200423

Quant Time: Apr 29 08:00:02 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	101232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81225	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	81397	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	57037	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	10.06	98	225916	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.38	95	86815	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	

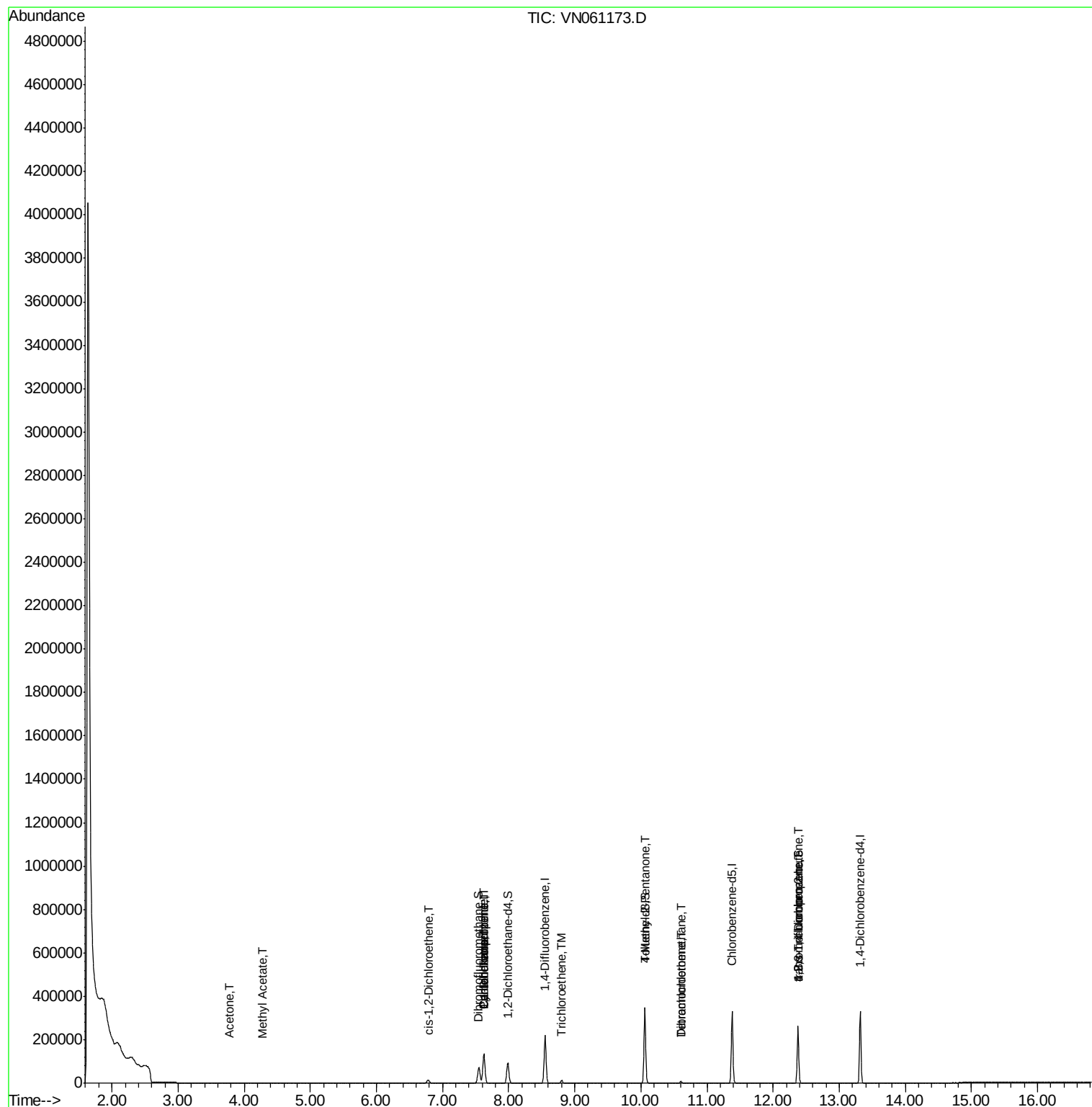
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	3575	0.252	ug/l	95
18) Methyl Acetate	4.28	43	92	0.724	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	9193	6.736	ug/l	85
31) Cyclohexane	7.62	56	2648	1.136	ug/l #	7
36) 1,1-Dichloropropene	7.63	75	9565	5.254	ug/l #	49
38) Carbon Tetrachloride	7.63	117	11062	7.599	ug/l #	17
44) Trichloroethene	8.80	130	4769	3.253	ug/l	97
51) 4-Methyl-2-Pentanone	10.06	43	1271	0.610	ug/l #	1
60) Dibromochloromethane	10.61	129	1511	1.107	ug/l #	10
64) Tetrachloroethene	10.60	164	1473	0.962	ug/l	97
76) 1,2,3-Trichloropropane	12.38	75	48750	28.468	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48750	72.294	ug/l #	8

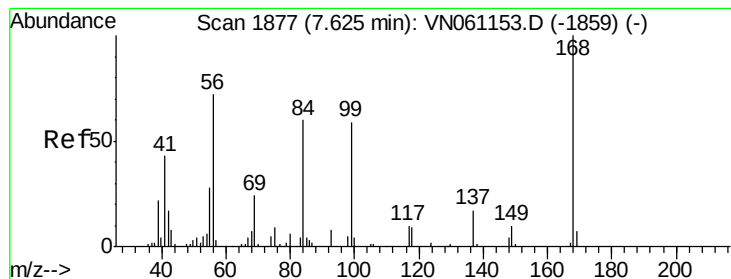
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061173.D

Acq: 28 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

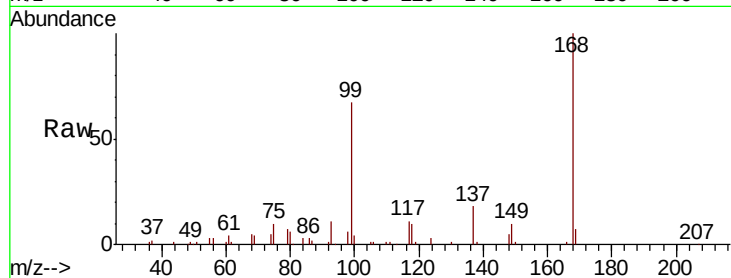
SS037MW215-200423

Tot Ion:168 Resp: 101232

Ion Ratio Lower Upper

168 100

99 66.6 51.2 76.8

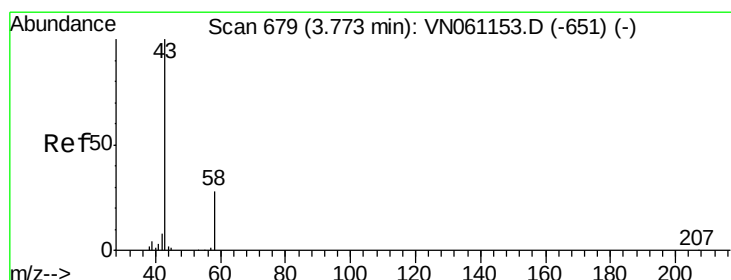
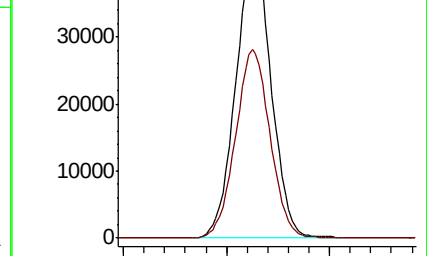
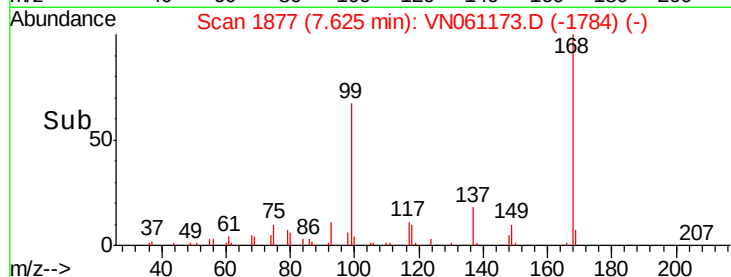


Abundance Ion 167.90 (167.60 to 168.60): VN061173.D (-1784) (-)

Ion 98.90 (98.60 to 99.60): VN061173.D (-1784) (-)

7.63

Time-->



#16

Acetone

Concen: 0.252 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061173.D

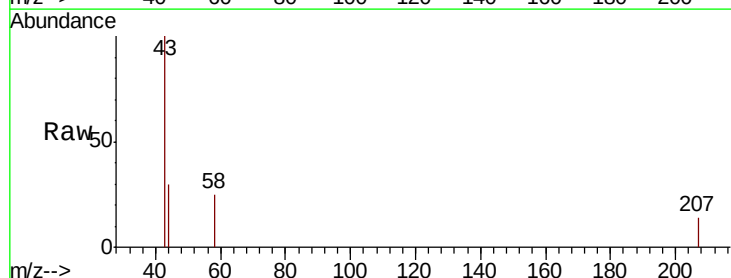
Acq: 28 Apr 2020 19:09

Tgt Ion: 43 Resp: 3575

Ion Ratio Lower Upper

43 100

58 25.3 22.2 33.2

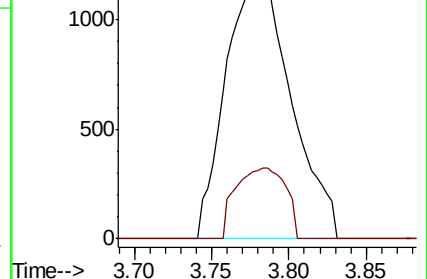
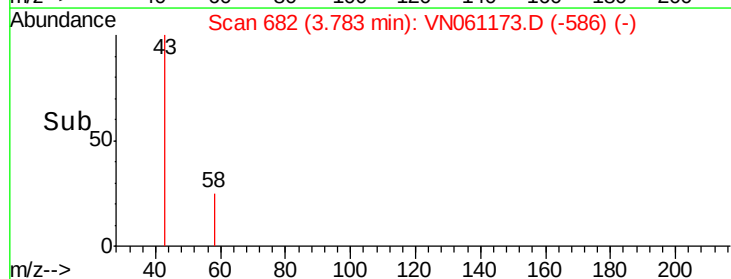


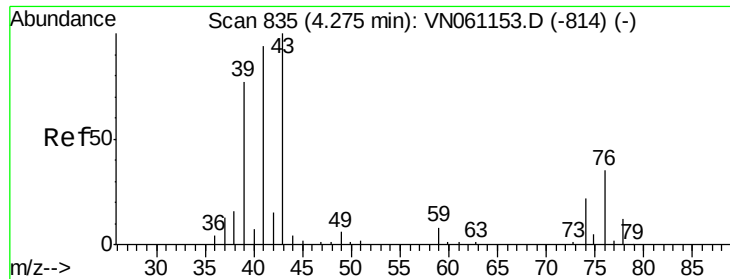
Abundance Ion 43.00 (42.70 to 43.70): VN061173.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061173.D (-586) (-)

3.78

Time-->

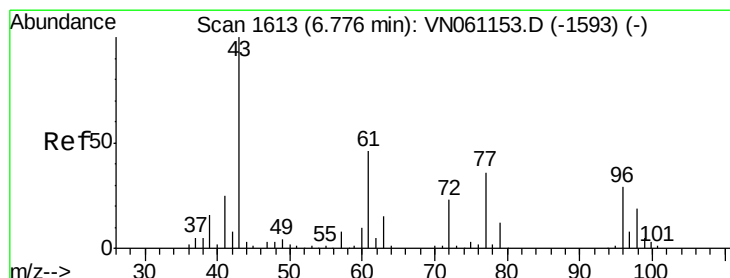
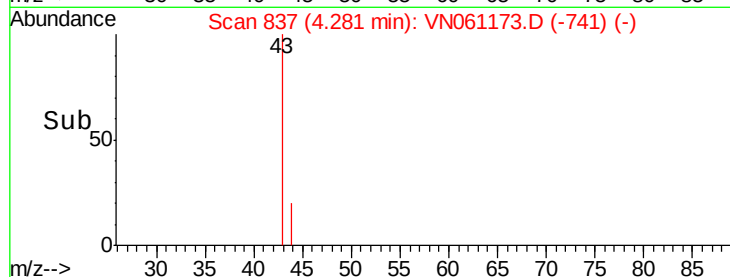
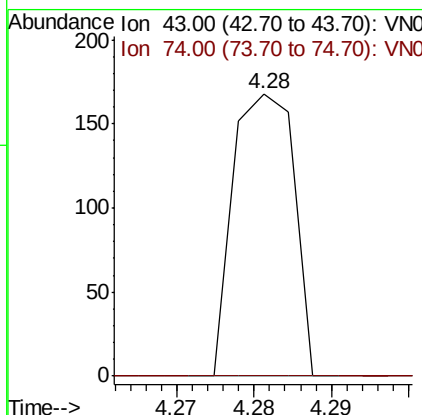
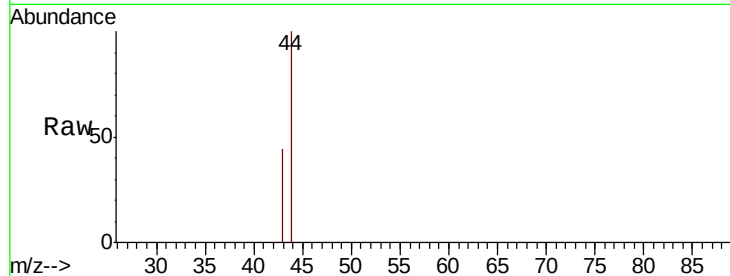




#18
Methvl Acetate
Concen: 0.724 ug/l
RT: 4.28 min Scan# 837
Delta R.T. 0.01 min
Lab File: VN061173.D
Acq: 28 Apr 2020 19:09

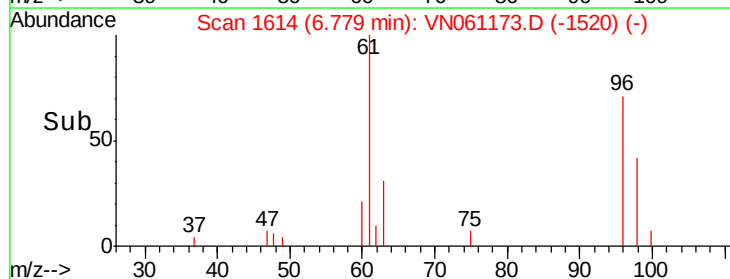
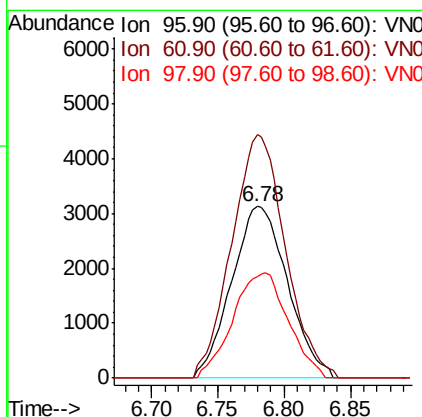
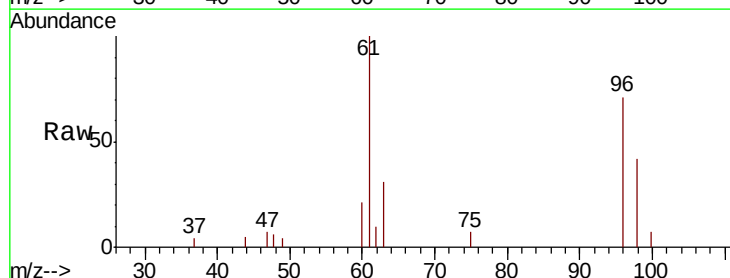
Instrument :
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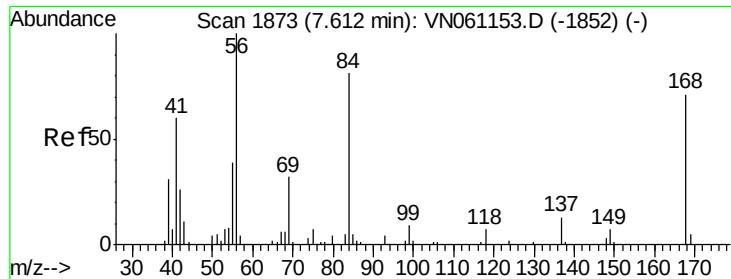
Tot Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#27
cis-1,2-Dichloroethene
Concen: 6.736 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. 0.00 min
Lab File: VN061173.D
Acq: 28 Apr 2020 19:09

Tgt Ion: 96 Resp: 9193
Ion Ratio Lower Upper
96 100
61 135.5 0.0 322.0
98 60.5 0.0 129.6

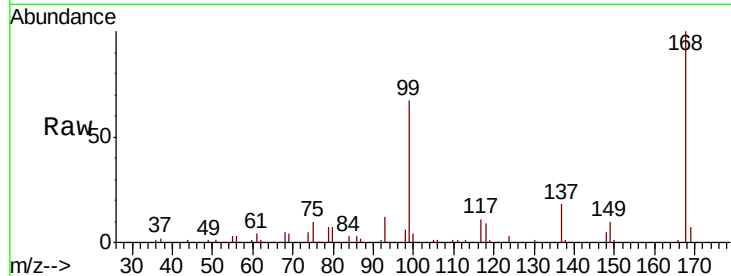




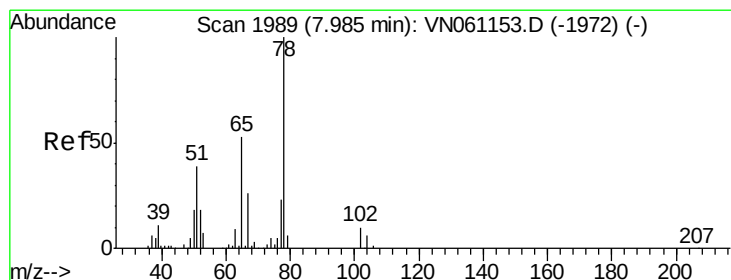
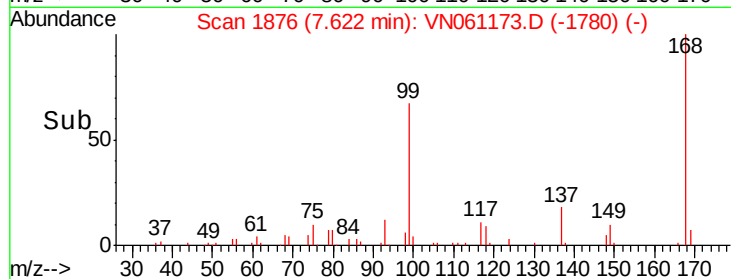
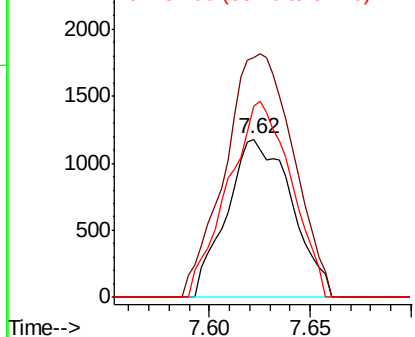
#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061173.D
Acq: 28 Apr 2020 19:09

Instrument :
MSVOA_N
ClientSampleId :
SS037MW215-200423

Tot Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 151.1 25.7 38.5#
84 120.6 64.6 97.0#

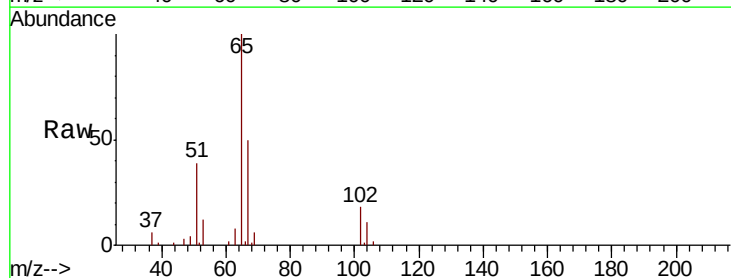


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

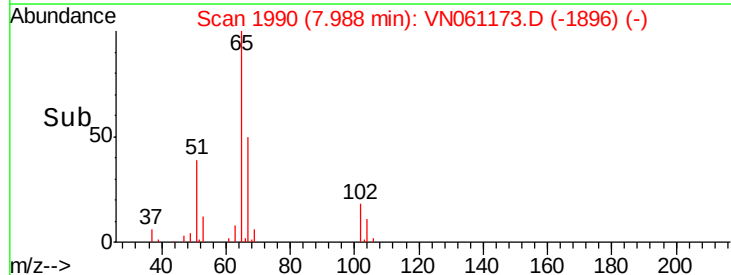
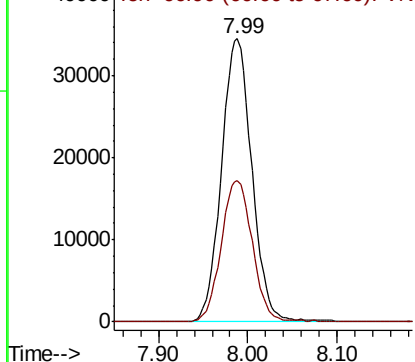


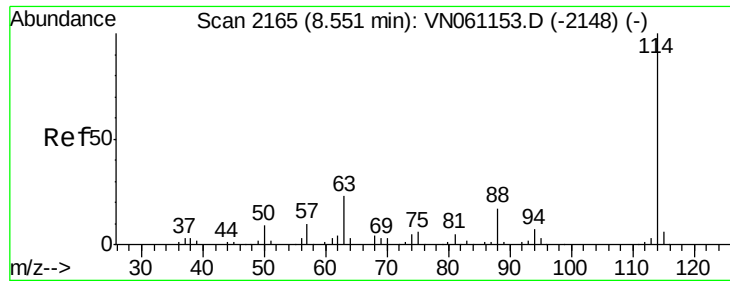
#33
1,2-Dichloroethane-d4
Concen: 50.816 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061173.D
Acq: 28 Apr 2020 19:09

Tgt Ion: 65 Resp: 81397
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6



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

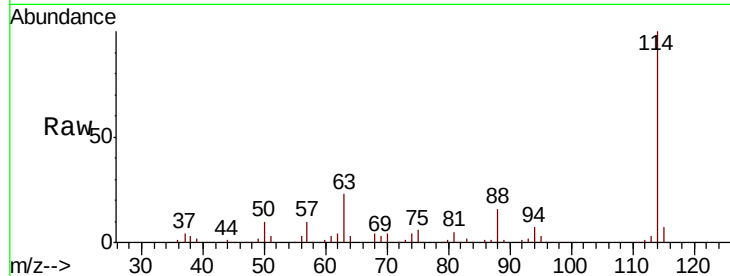




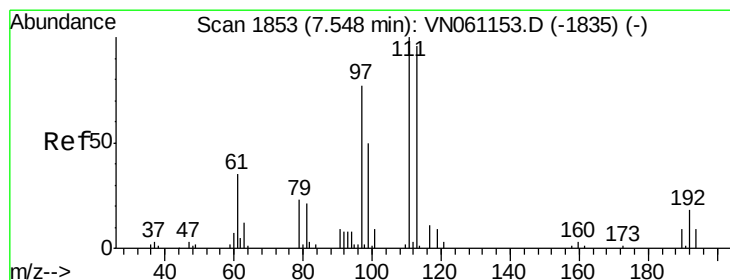
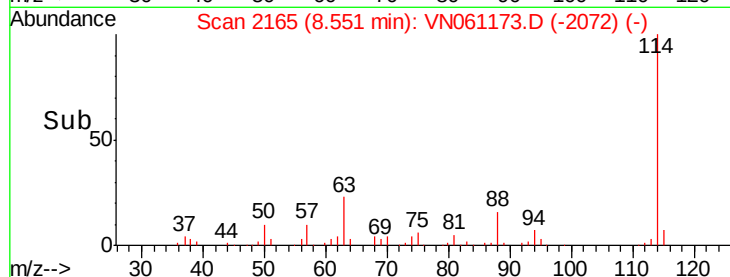
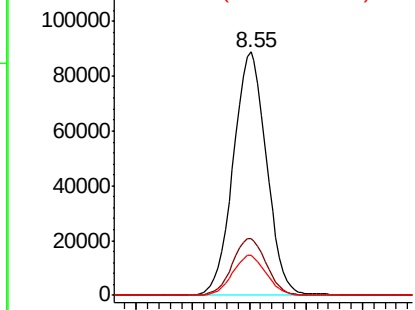
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

Instrument :
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 ClientSampleId :
 SS037MW215-200423

Tot Ion:114 Resp: 181850
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.5 0.0 33.4

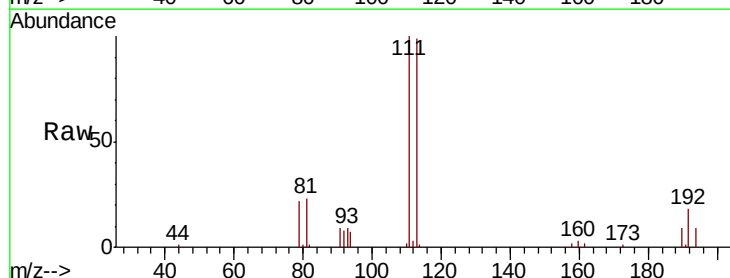


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

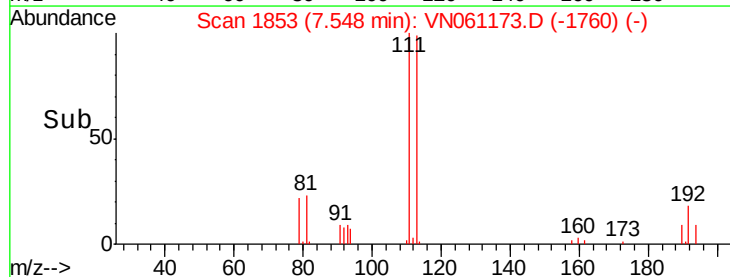
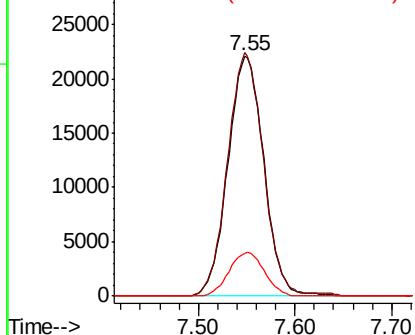


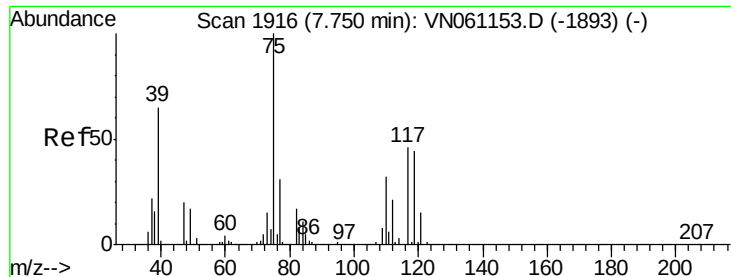
#35
 Dibromofluoromethane
 Concen: 53.042 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

Tgt Ion:113 Resp: 57037
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.9 124.3
 192 17.9 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

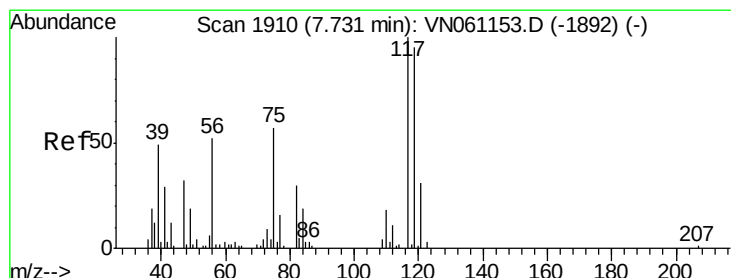
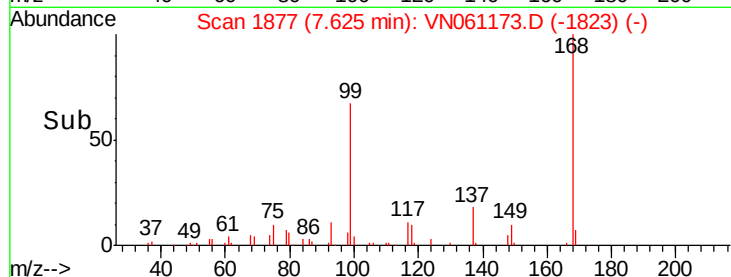
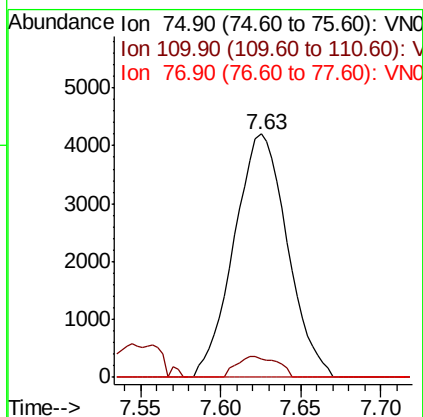
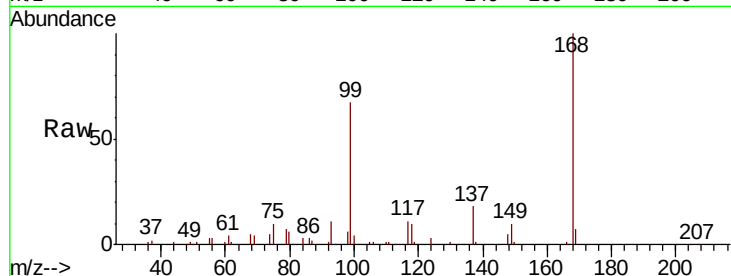




#36
 1,1-Dichloropropene
 Concen: 5.254 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

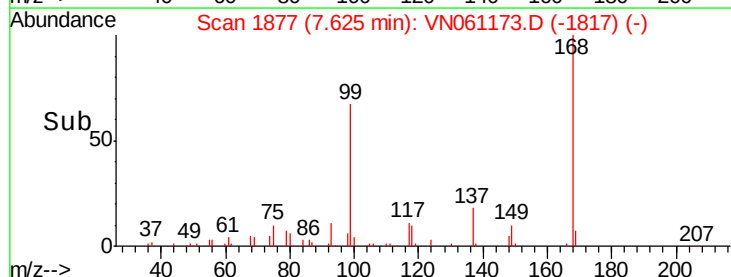
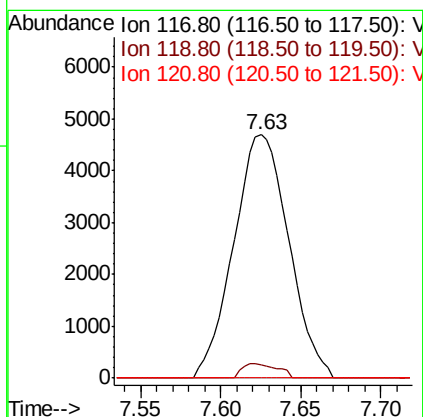
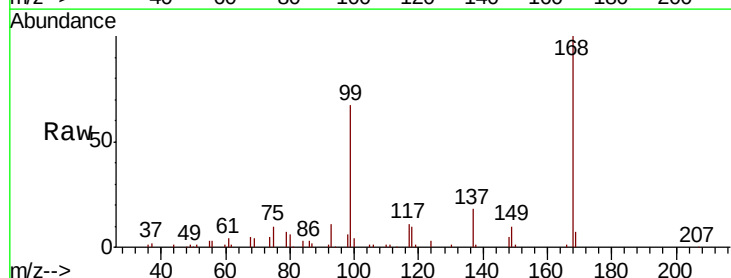
Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW215-200423

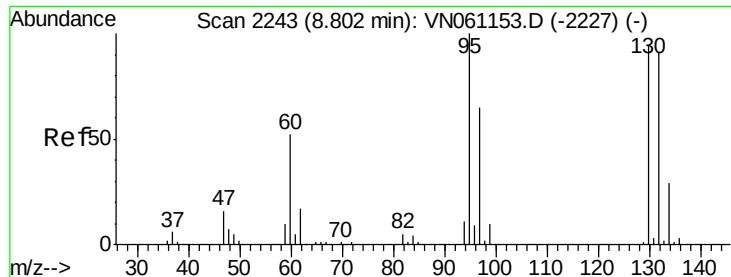
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.5	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.599 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.6#
121	0.0	24.7	37.1#





#44

Trichloroethene

Concen: 3.253 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061173.D

Acq: 28 Apr 2020 19:09

Instrument :

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ClientSampleId :

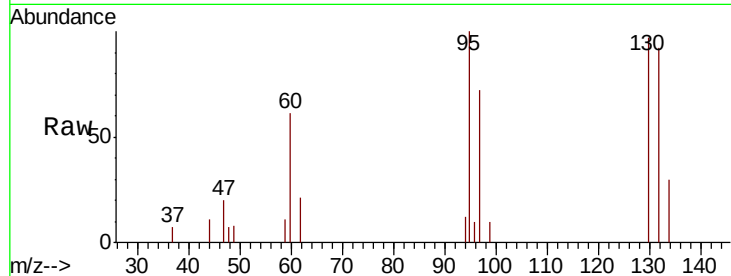
SS037MW215-200423

Tot Ion:130 Resp: 4769

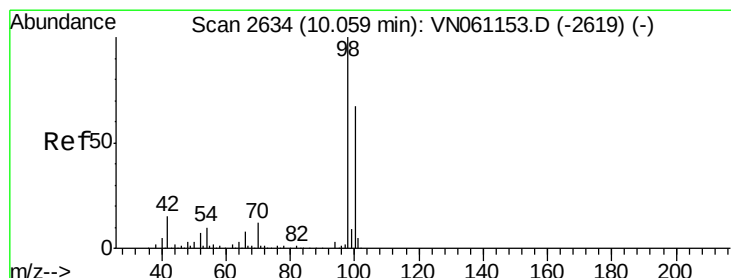
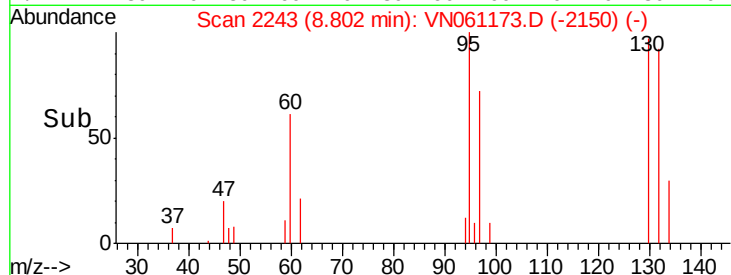
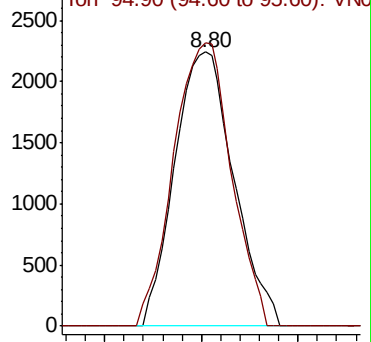
Ion Ratio Lower Upper

130 100

95 103.2 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)



#50

Toluene-d8

Concen: 51.537 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061173.D

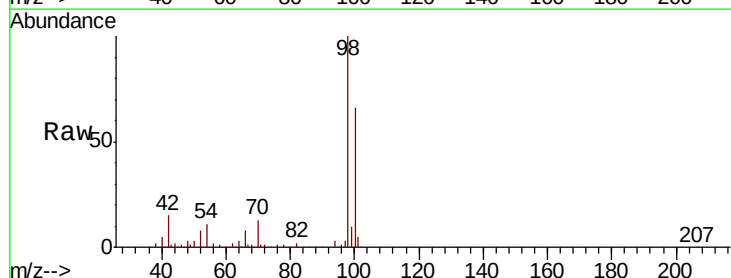
Acq: 28 Apr 2020 19:09

Tgt Ion: 98 Resp: 225916

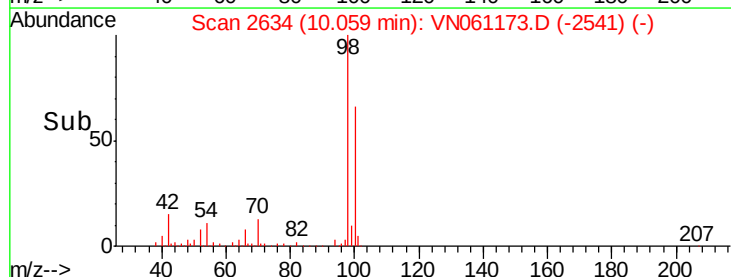
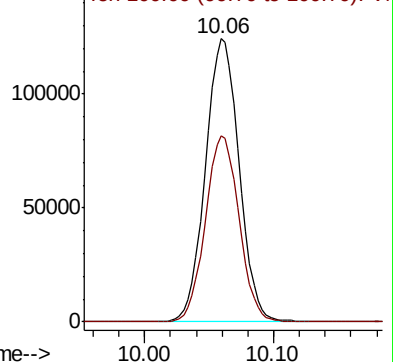
Ion Ratio Lower Upper

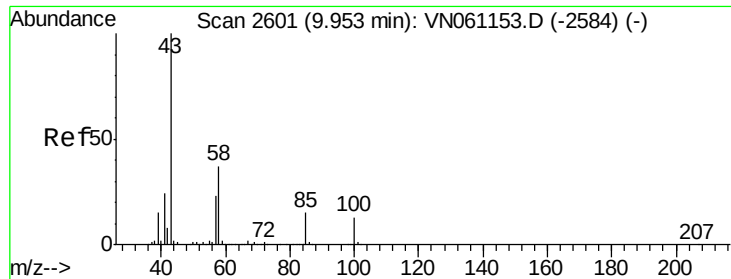
98 100

100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.11 min

Lab File: VN061173.D

Acq: 28 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

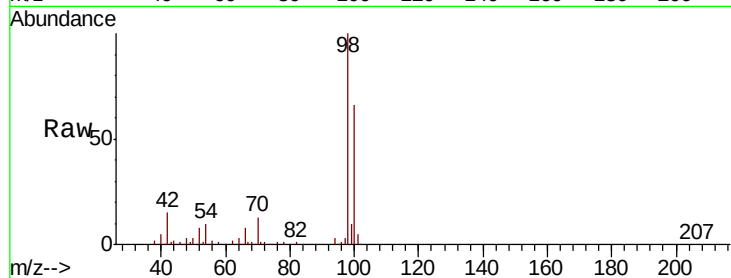
SS037MW215-200423

Tot Ion: 43 Resp: 1271

Ion Ratio Lower Upper

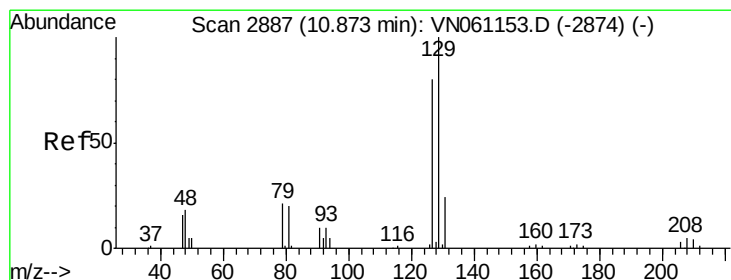
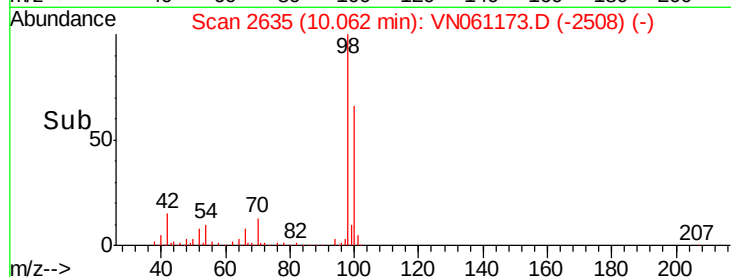
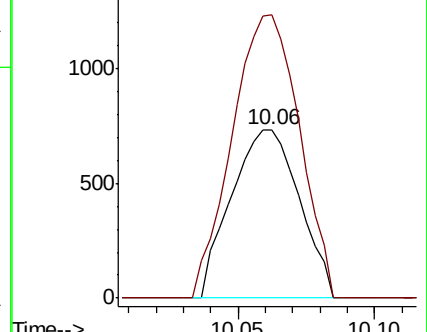
43 100

58 165.9 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061173.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061173.D (-2584) (-)



#60

Dibromochloromethane

Concen: 1.107 ug/l

RT: 10.61 min Scan# 2804

Delta R.T. -0.27 min

Lab File: VN061173.D

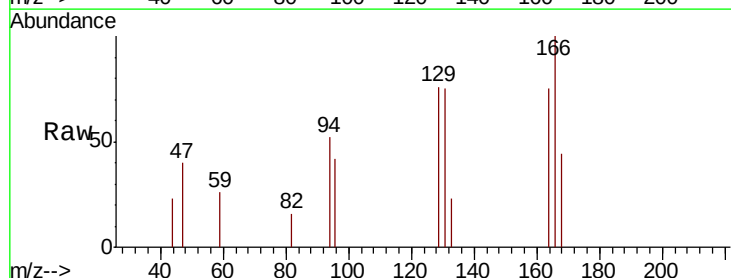
Acq: 28 Apr 2020 19:09

Tgt Ion: 129 Resp: 1511

Ion Ratio Lower Upper

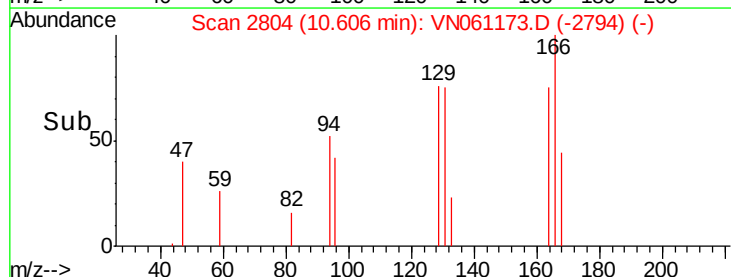
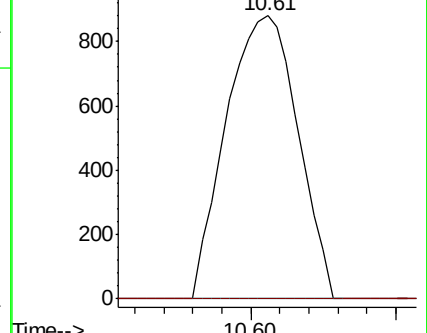
129 100

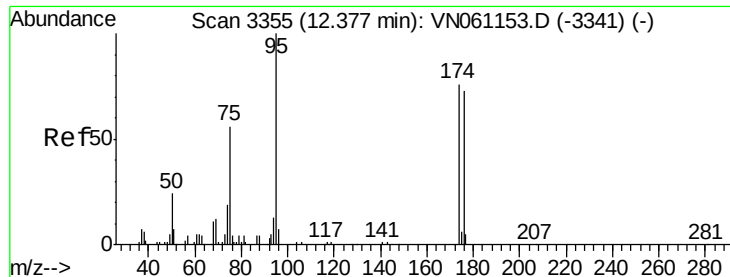
127 0.0 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): VN061173.D (-2874) (-)

Ion 126.80 (126.50 to 127.50): VN061173.D (-2874) (-)





#62

4-Bromofluorobenzene

Concen: 52.628 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061173.D

Acq: 28 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

SS037MW215-200423

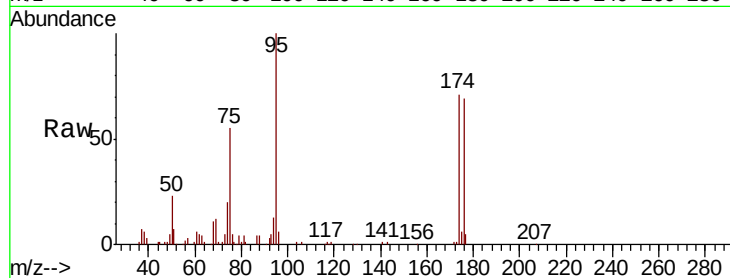
Tot Ion: 95 Resp: 86815

Ion Ratio Lower Upper

95 100

174 72.3 0.0 149.4

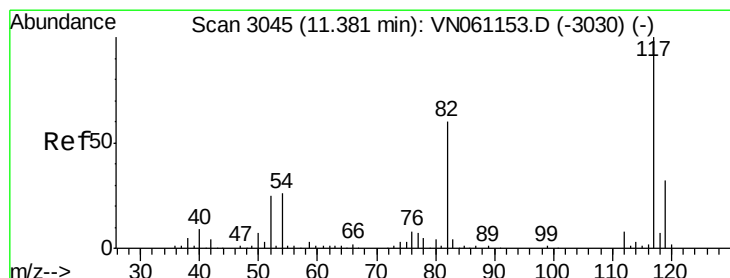
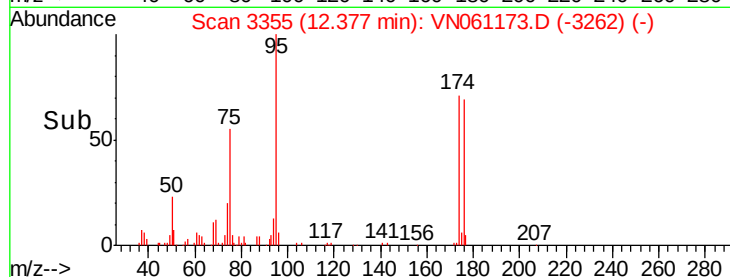
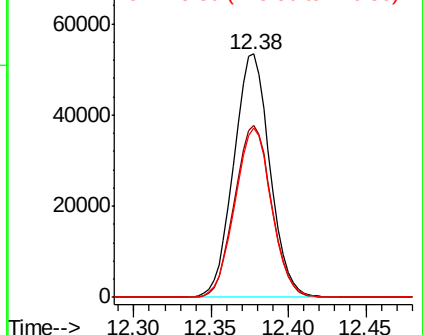
176 70.3 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061173.D (-2952) (-)

Ion 173.80 (173.50 to 174.50): VN061173.D (-2952) (-)

Ion 175.80 (175.50 to 176.50): VN061173.D (-2952) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061173.D

Acq: 28 Apr 2020 19:09

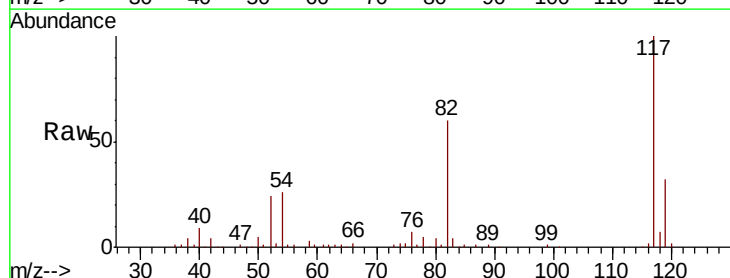
Tgt Ion: 117 Resp: 176879

Ion Ratio Lower Upper

117 100

82 60.4 47.8 71.8

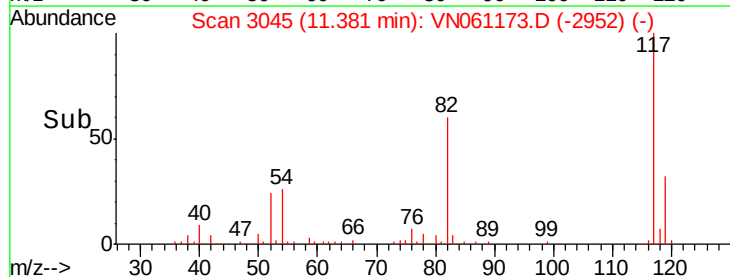
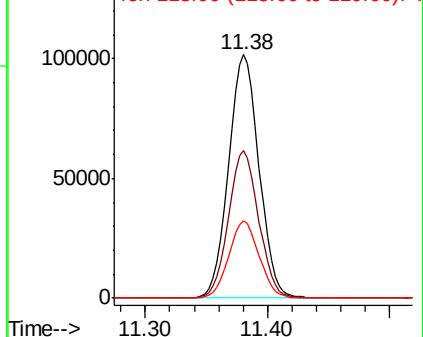
119 31.6 25.8 38.6

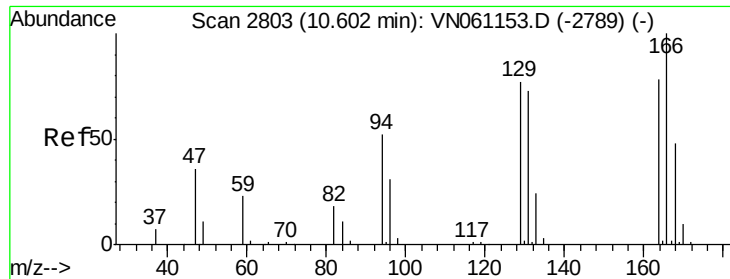


Abundance Ion 116.90 (116.60 to 117.60): VN061173.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061173.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061173.D (-2952) (-)





#64

Tetrachloroethene

Concen: 0.962 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061173.D

Acq: 28 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

SS037MW215-200423

Tot Ion:164 Resp: 1473

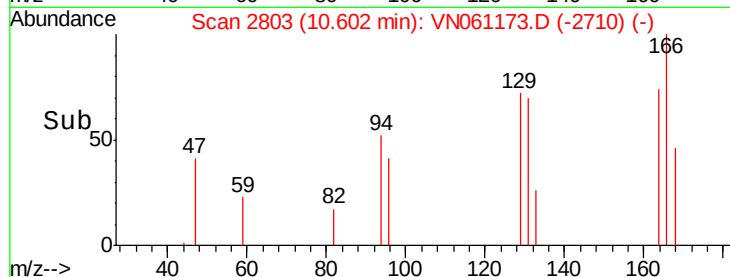
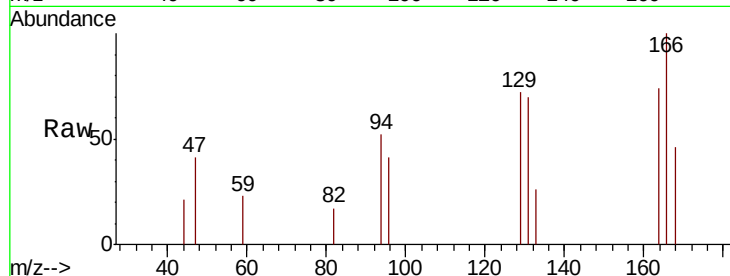
Ion Ratio Lower Upper

164 100

166 135.3 102.0 153.0

129 98.1 78.2 117.2

131 94.4 74.5 111.7

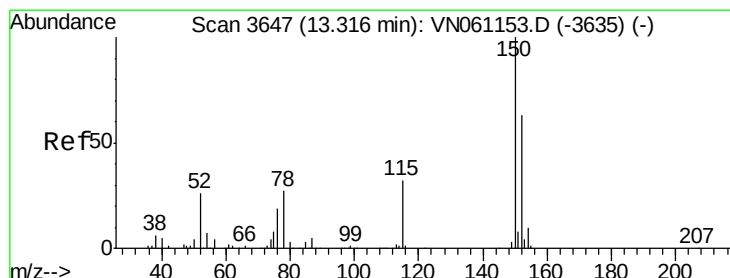
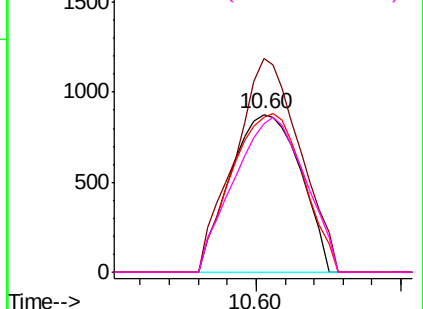


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061173.D

Acq: 28 Apr 2020 19:09

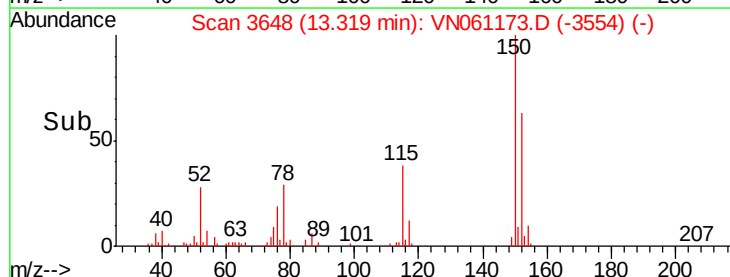
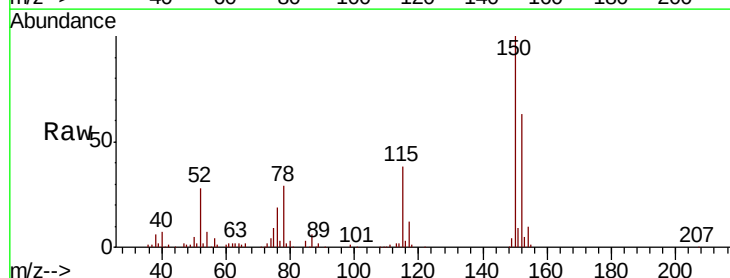
Tgt Ion:152 Resp: 81225

Ion Ratio Lower Upper

152 100

115 61.6 31.0 93.0

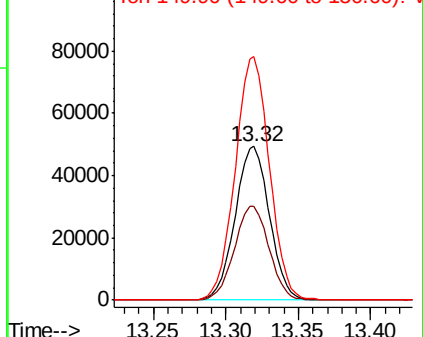
150 157.9 0.0 351.8

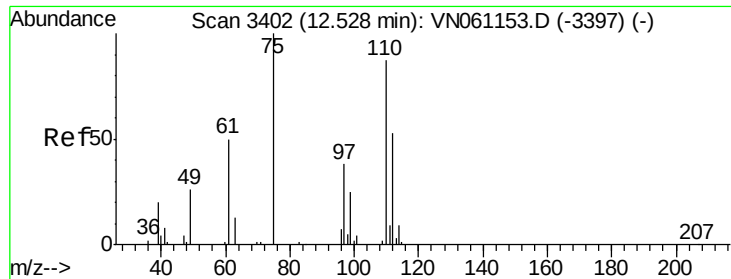


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

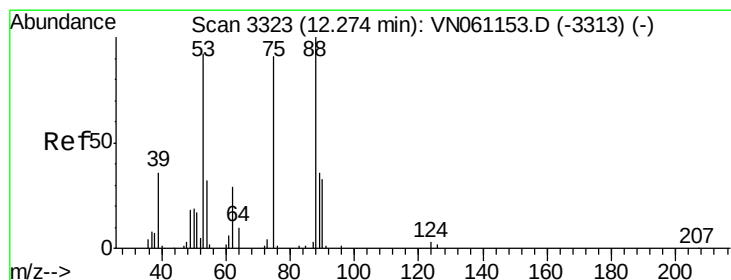
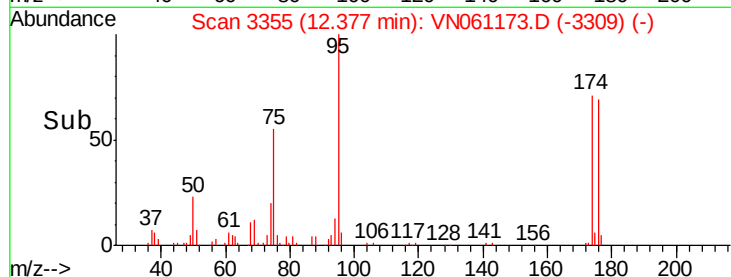
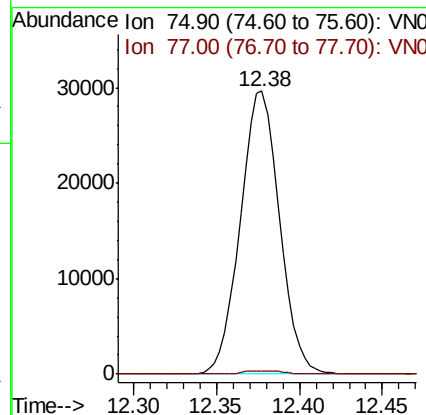
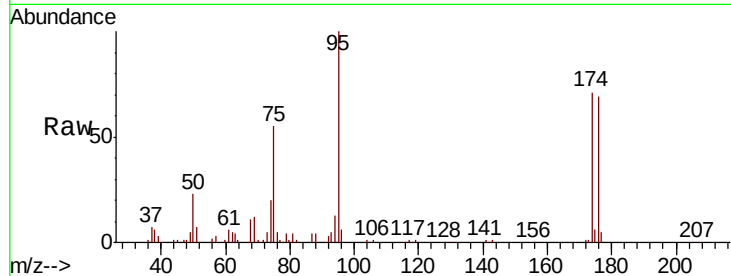




#76
 1,2,3-Trichloropropane
 Concen: 28.468 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 SS037MW215-200423

Tot Ion: 75 Resp: 48750
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.294 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061173.D
 Acq: 28 Apr 2020 19:09

Tgt Ion: 75 Resp: 48750
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

