

Data File : VN061207.D
Acq On : 30 Apr 2020 17:28
Operator : JC/MD
Sample : L2458-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S73-0245

Quant Time: May 01 02:19:21 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	113613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	201462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	194353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87475	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.55	113	60729	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.06	98	253565	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.38	95	94490	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

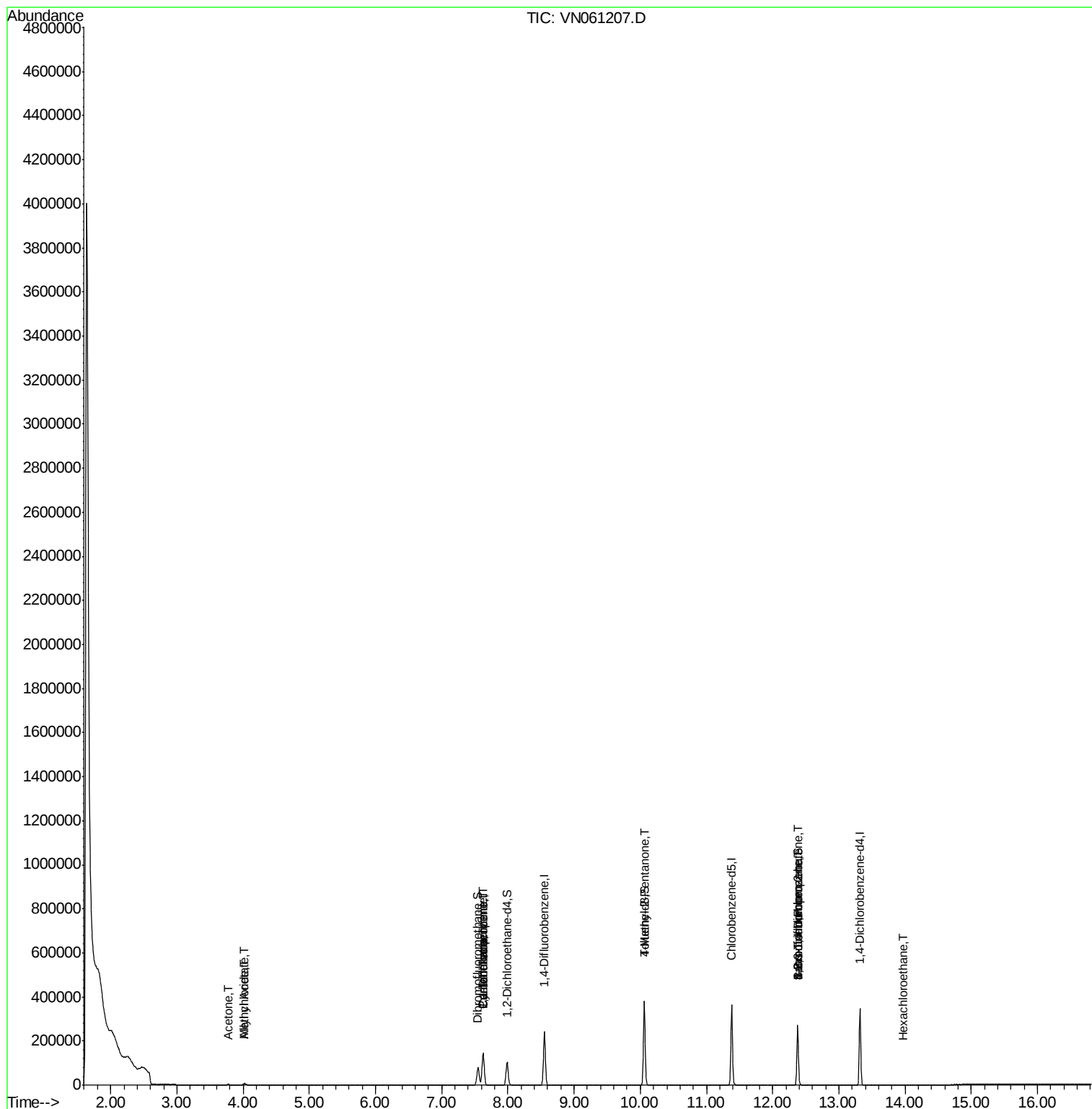
Target Compounds				Qvalue		
14) Allyl chloride	4.02	41	1163	0.523	ug/l #	79
16) Acetone	3.78	43	4707	1.274	ug/l	96
18) Methyl Acetate	4.02	43	3356	2.138	ug/l #	55
31) Cyclohexane	7.63	56	3092	1.182	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	10006	4.962	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11817	8.415	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1190	0.515	ug/l #	1
71) Bromoform	12.38	173	467	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50273	27.301	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50273	69.332	ug/l #	8
90) Hexachloroethane	13.97	117	106	7.782	ug/l #	14

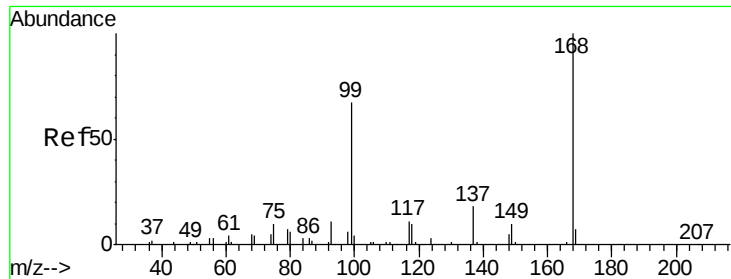
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

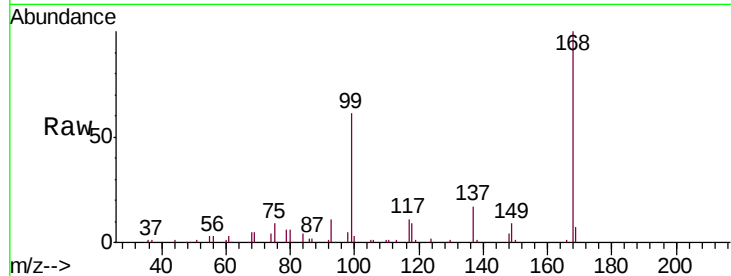
S73-0245

Tgt Ion: 168 Resp: 113613

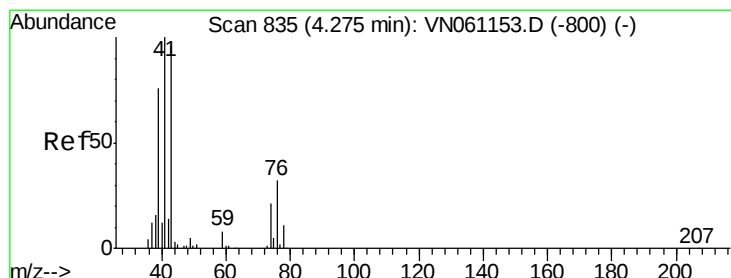
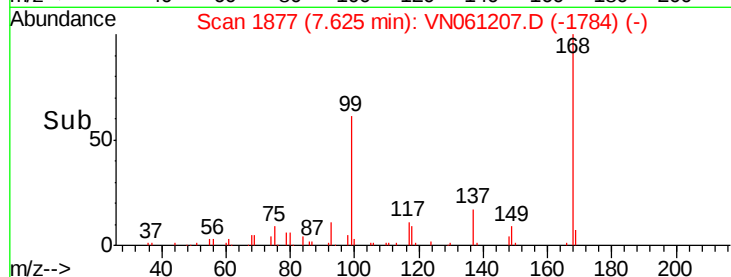
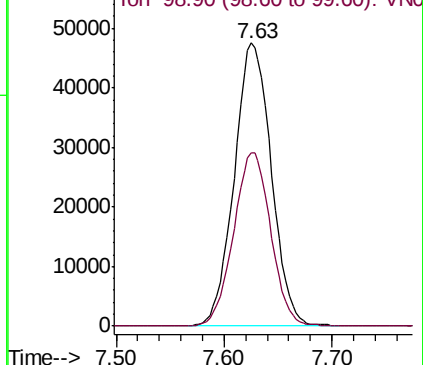
Ion Ratio Lower Upper

168 100

99 61.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061207.D (-1784) (-)



#14

Allyl chloride

Concen: 0.523 ug/l

RT: 4.02 min Scan# 757

Delta R.T. -0.25 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

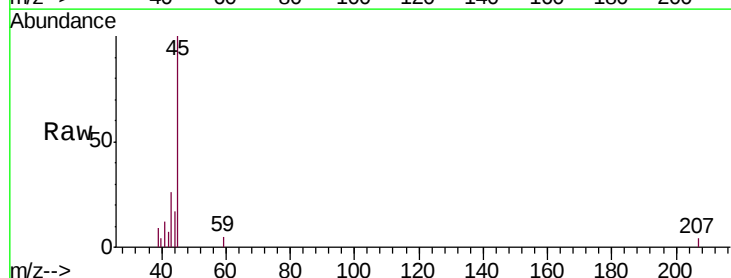
Tgt Ion: 41 Resp: 1163

Ion Ratio Lower Upper

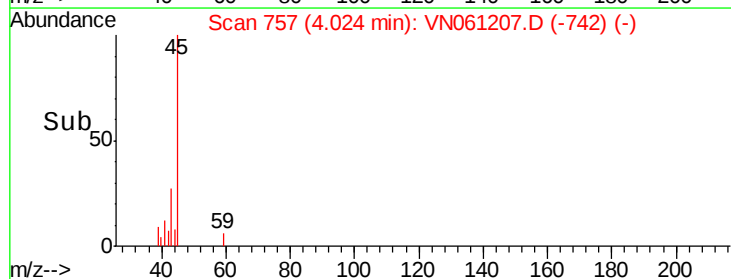
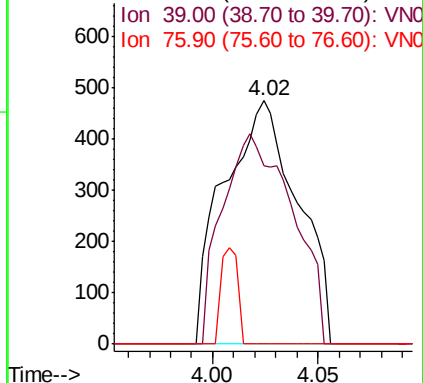
41 100

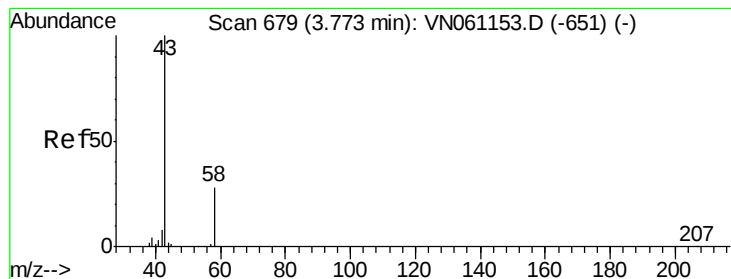
39 81.7 57.1 85.7

76 8.9 24.3 36.5#



Abundance Ion 41.00 (40.70 to 41.70): VN061207.D (-742) (-)





#16

Acetone

Concen: 1.274 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

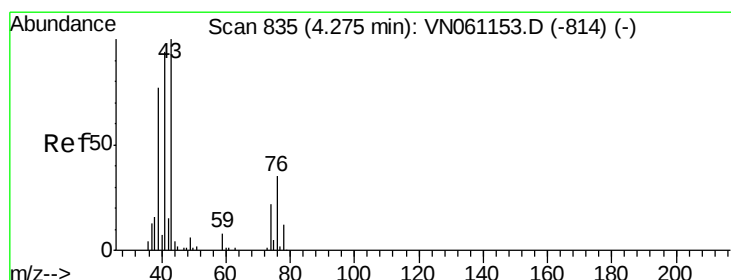
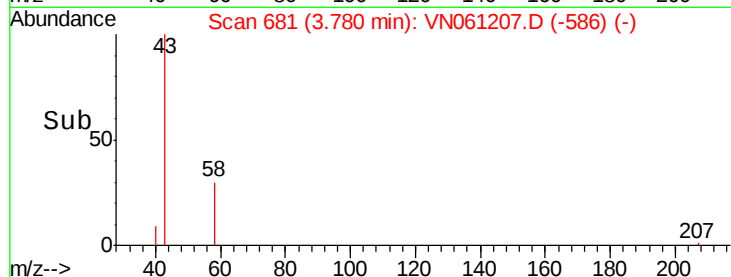
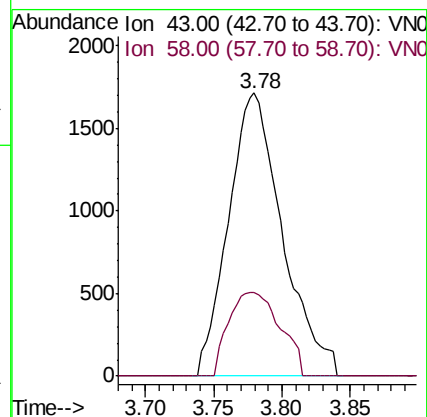
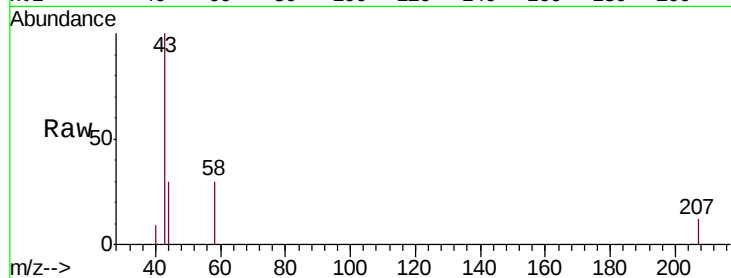
S73-0245

Tgt Ion: 43 Resp: 4707

Ion Ratio Lower Upper

43 100

58 29.7 22.2 33.2



#18

Methyl Acetate

Concen: 2.138 ug/l

RT: 4.02 min Scan# 756

Delta R.T. -0.25 min

Lab File: VN061207.D

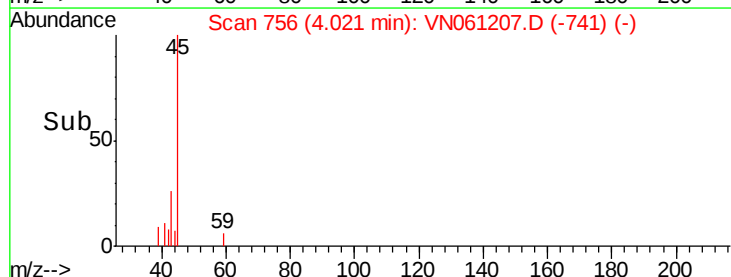
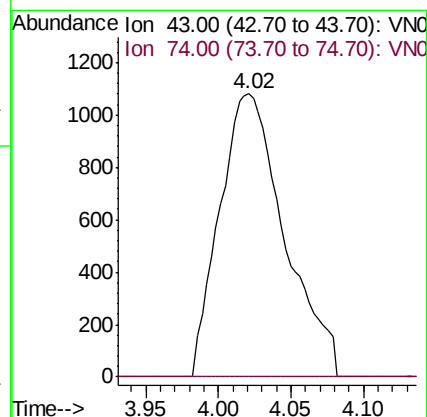
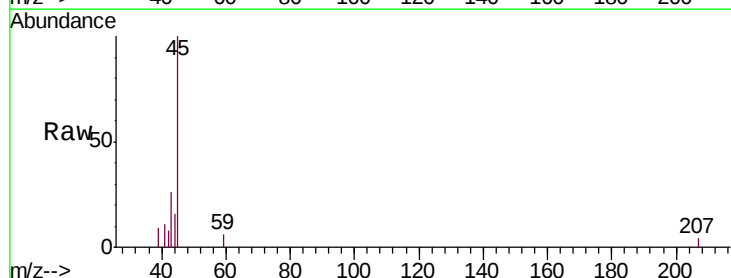
Acq: 30 Apr 2020 17:28

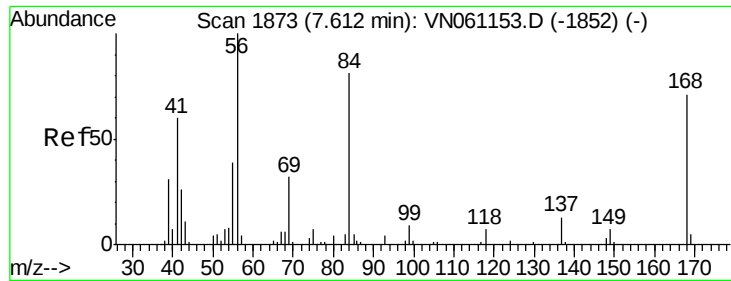
Tgt Ion: 43 Resp: 3356

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

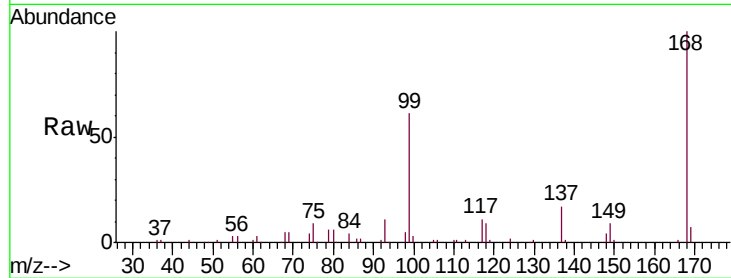




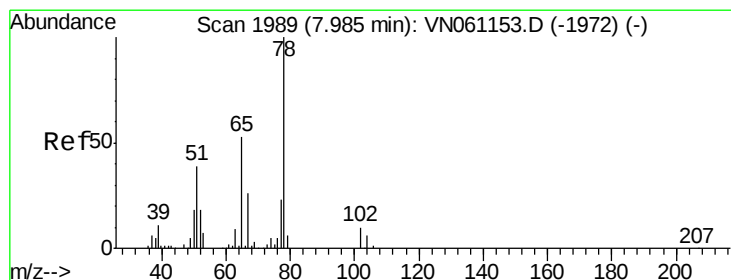
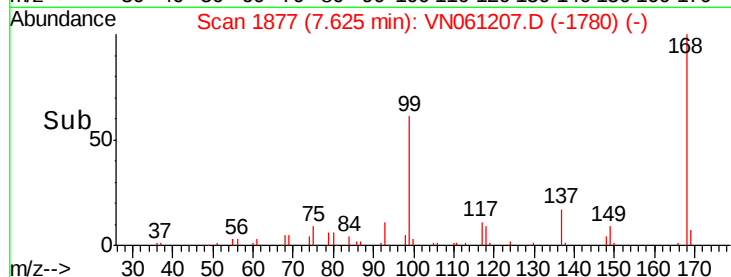
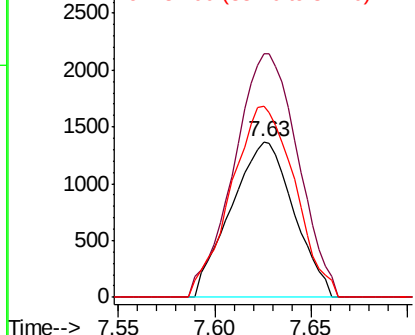
#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061207.D
Acq: 30 Apr 2020 17:28

Instrument :
MSVOA_N
ClientSampleId :
S73-0245

Tgt Ion: 56 Resp: 3092
Ion Ratio Lower Upper
56 100
69 156.4 25.7 38.5#
84 123.2 64.6 97.0#

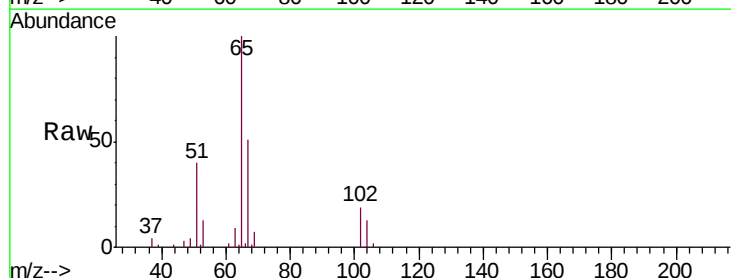


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

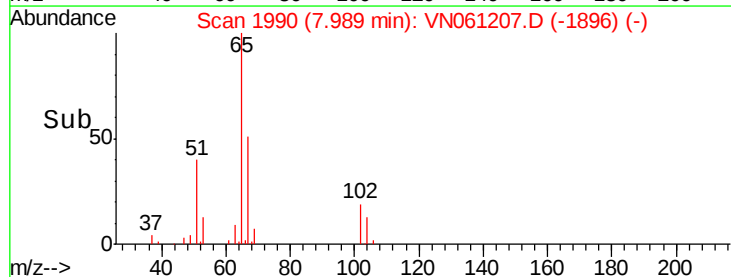
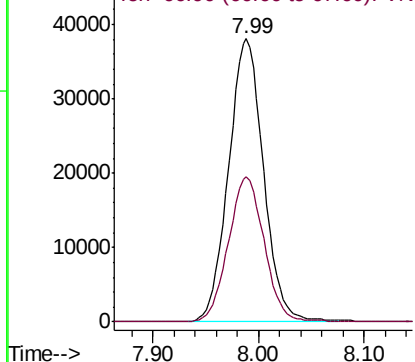


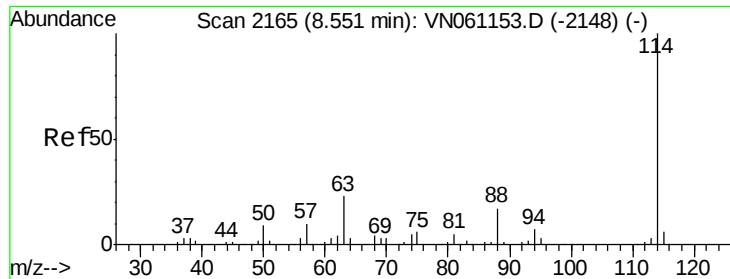
#33
1,2-Dichloroethane-d4
Concen: 48.659 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061207.D
Acq: 30 Apr 2020 17:28

Tgt Ion: 65 Resp: 87475
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.6



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

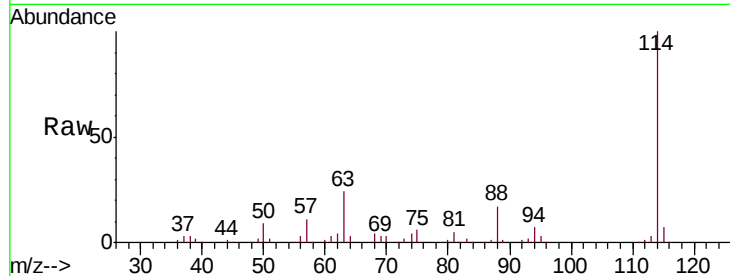




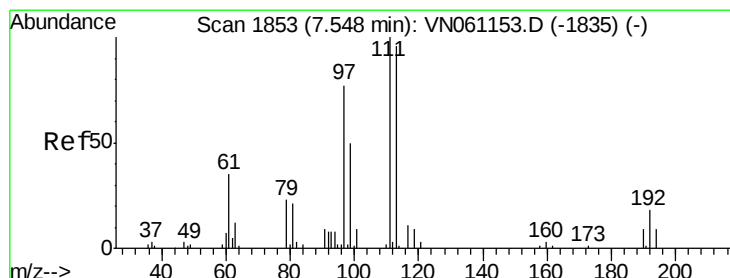
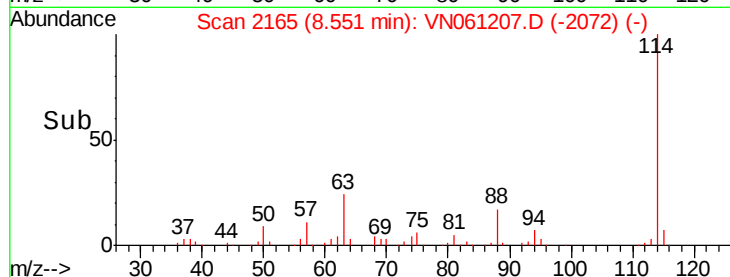
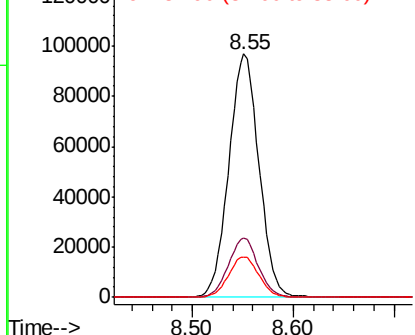
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061207.D
 Acq: 30 Apr 2020 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0245

Tgt Ion:114 Resp: 201462
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.6
 88 16.6 0.0 33.4

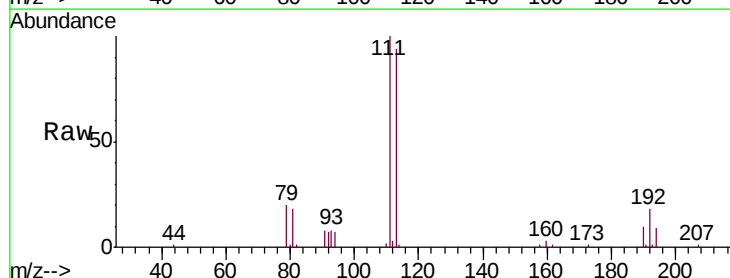


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

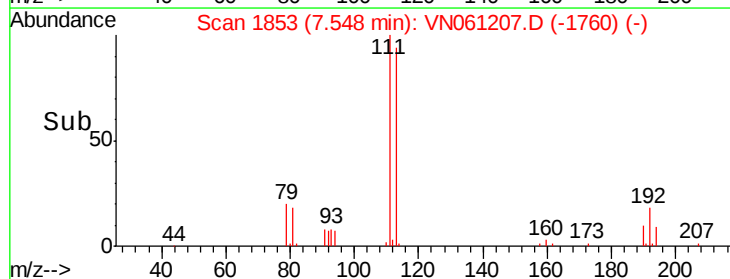
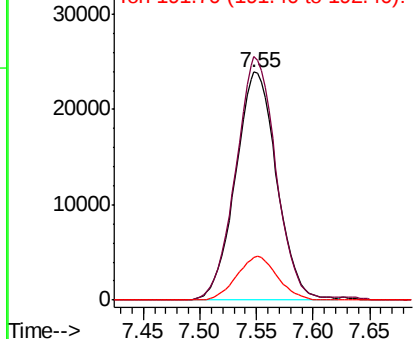


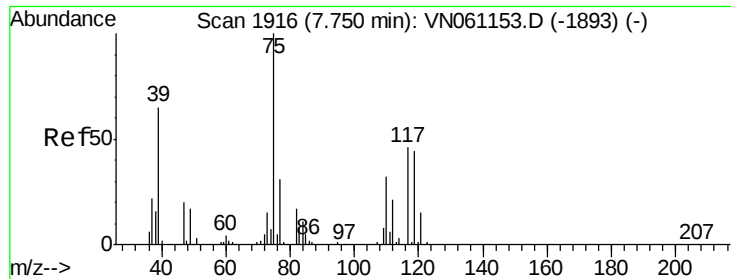
#35
 Dibromofluoromethane
 Concen: 50.977 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061207.D
 Acq: 30 Apr 2020 17:28

Tgt Ion:113 Resp: 60729
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 18.7 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

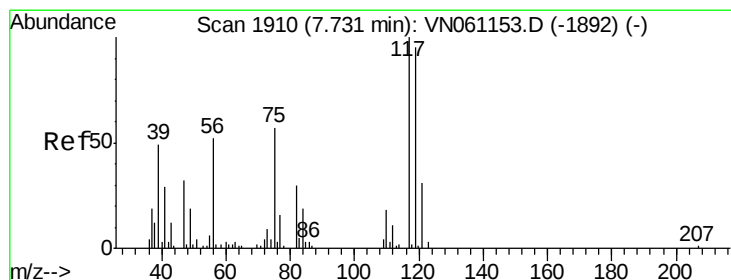
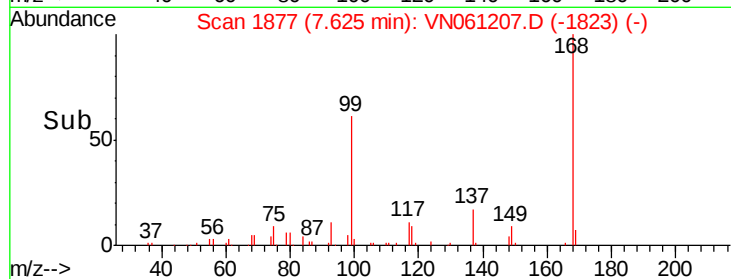
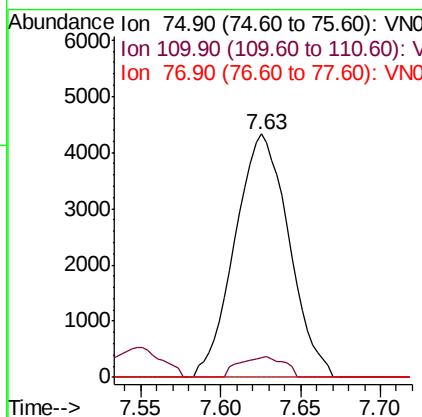
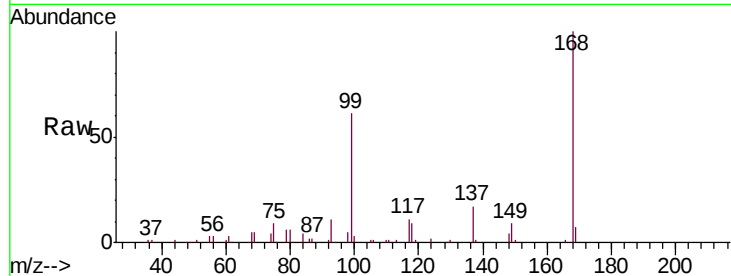




#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061207.D
 Acq: 30 Apr 2020 17:28

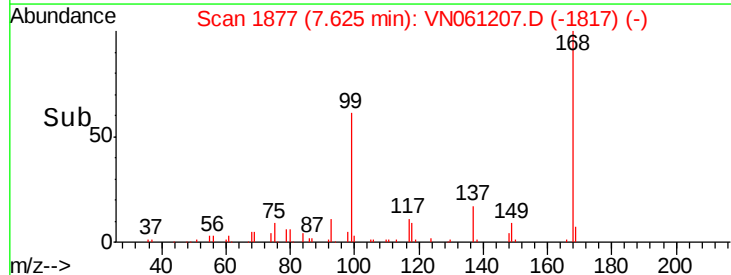
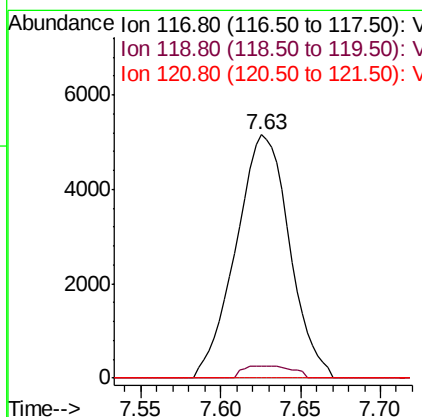
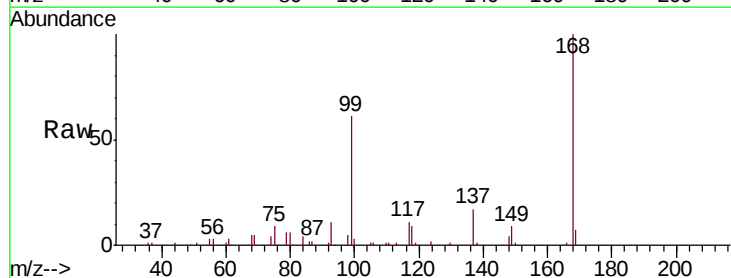
Instrument :
 MSVOA_N
 ClientSampled :
 S73-0245

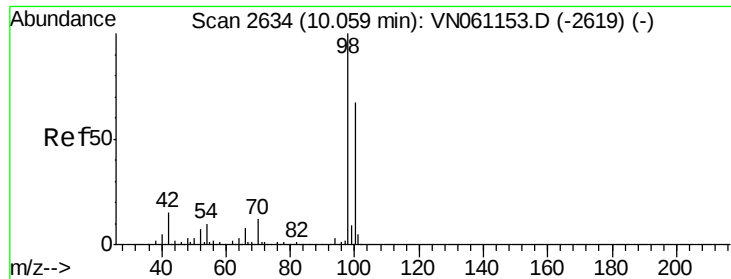
Tgt Ion: 75 Resp: 10006
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.415 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061207.D
 Acq: 30 Apr 2020 17:28

Tgt Ion: 117 Resp: 11817
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.8 113.6#
 121 0.0 24.7 37.1#

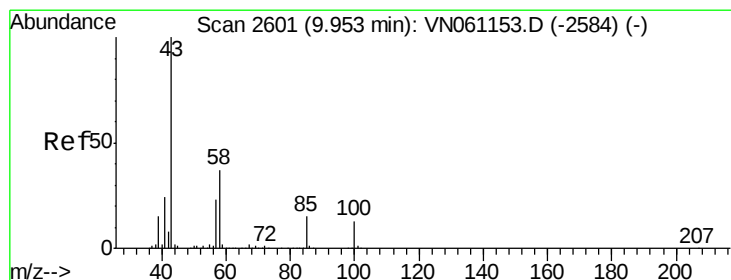
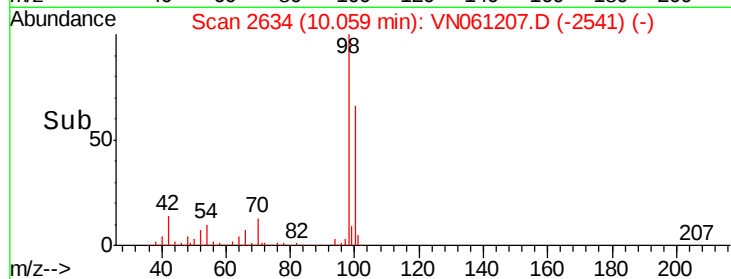
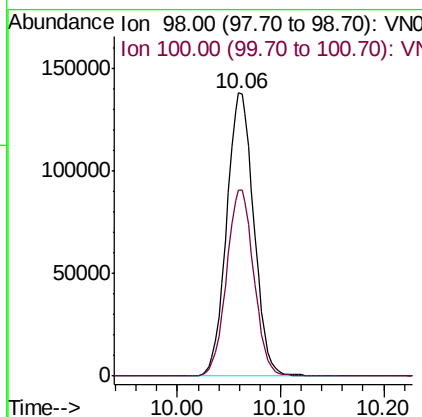
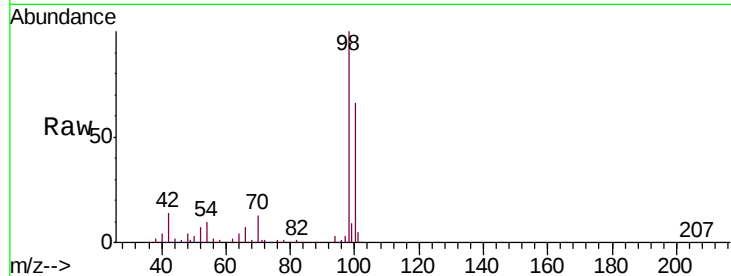




#50
Toluene-d8
Concen: 52.213 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061207.D
Acq: 30 Apr 2020 17:28

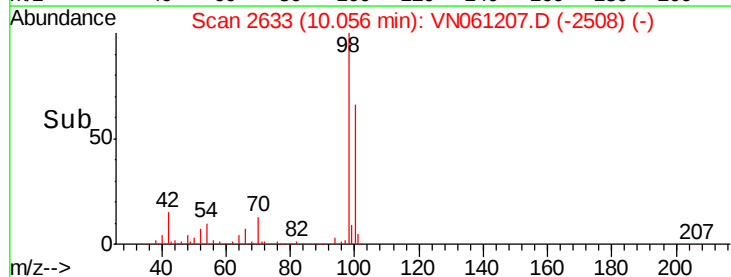
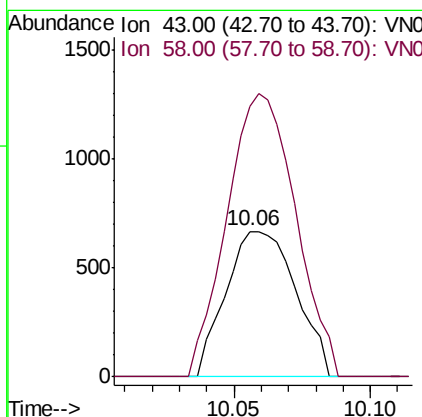
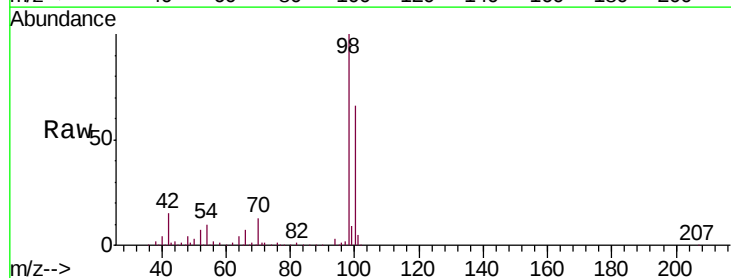
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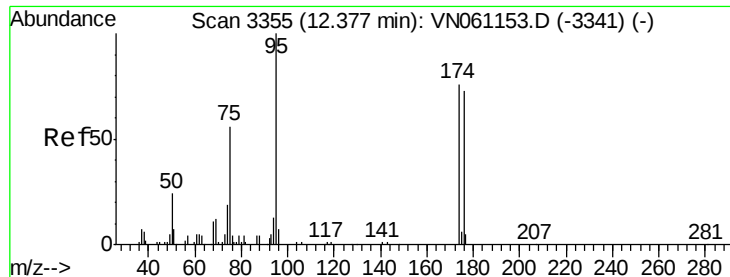
Tgt Ion: 98 Resp: 253565
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. 0.10 min
Lab File: VN061207.D
Acq: 30 Apr 2020 17:28

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 191.0 29.1 43.7#





#62

4-Bromofluorobenzene

Concen: 51.704 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

S73-0245

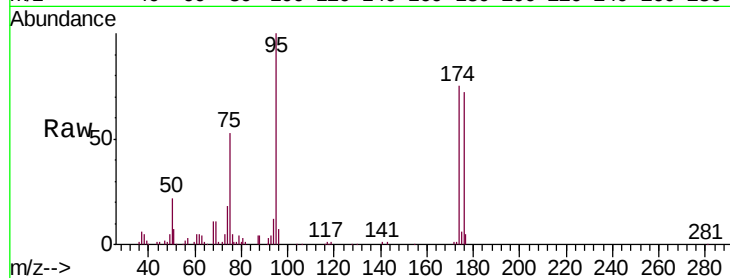
Tgt Ion: 95 Resp: 94490

Ion Ratio Lower Upper

95 100

174 74.1 0.0 149.4

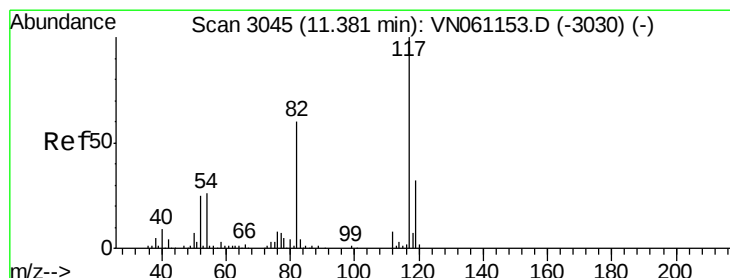
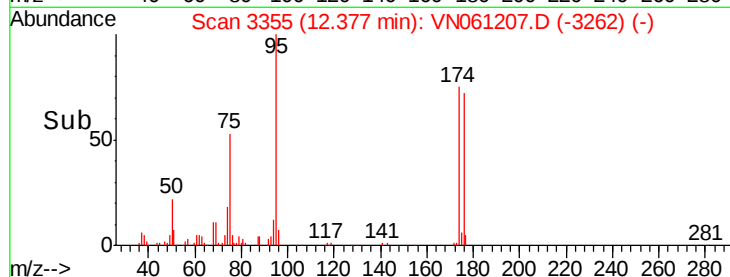
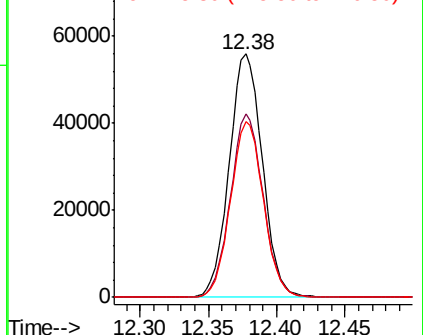
176 71.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061207.D (-2952) (-)

Ion 173.80 (173.50 to 174.50): VN061207.D (-2952) (-)

Ion 175.80 (175.50 to 176.50): VN061207.D (-2952) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

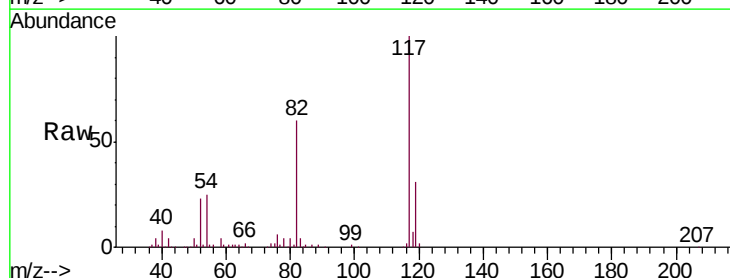
Tgt Ion: 117 Resp: 194353

Ion Ratio Lower Upper

117 100

82 60.4 47.8 71.8

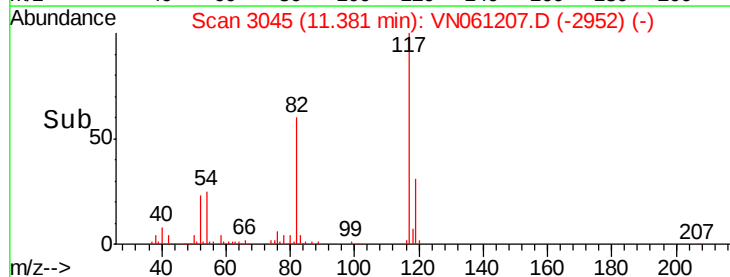
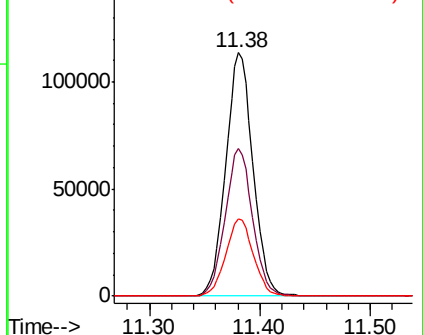
119 31.5 25.8 38.6

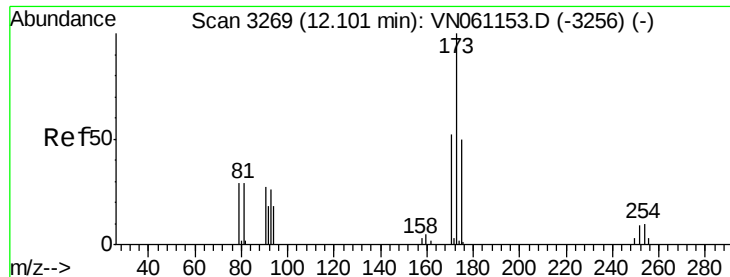


Abundance Ion 116.90 (116.60 to 117.60): VN061207.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061207.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061207.D (-2952) (-)





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.28 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

S73-0245

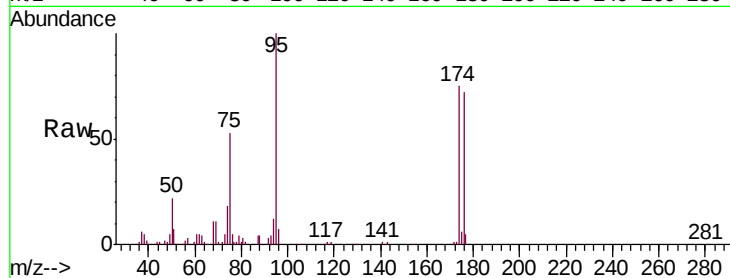
Tgt Ion:173 Resp: 467

Ion Ratio Lower Upper

173 100

175 933.6 24.1 72.4#

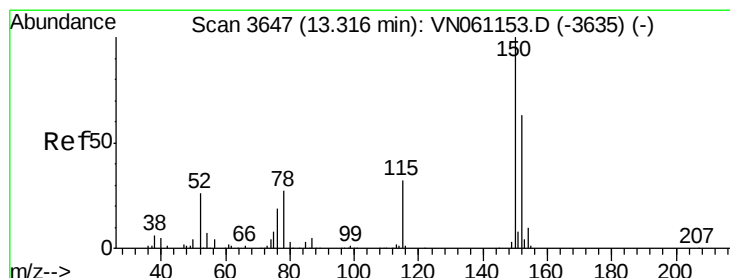
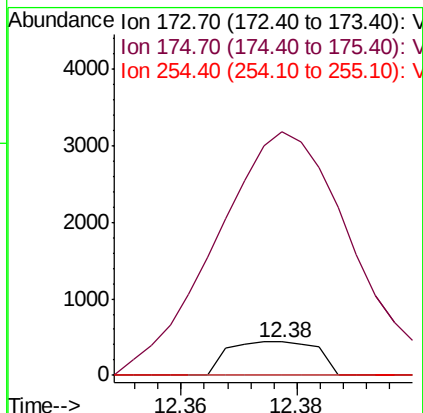
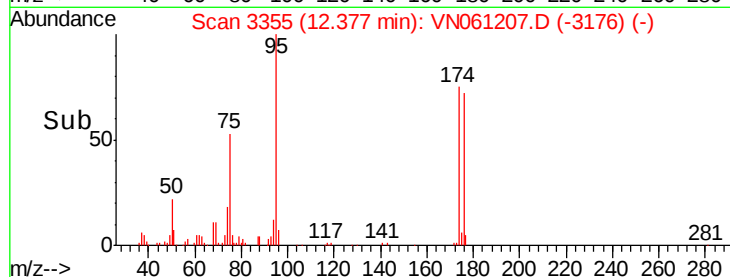
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN061207.D

Acq: 30 Apr 2020 17:28

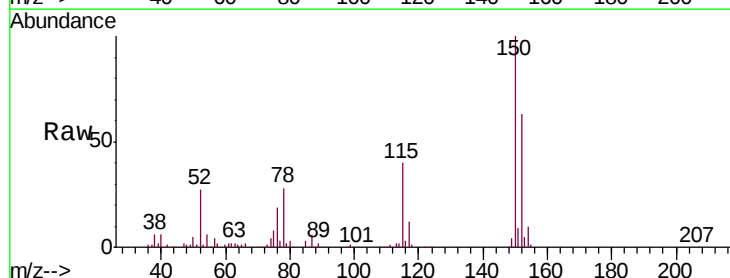
Tgt Ion:152 Resp: 87342

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

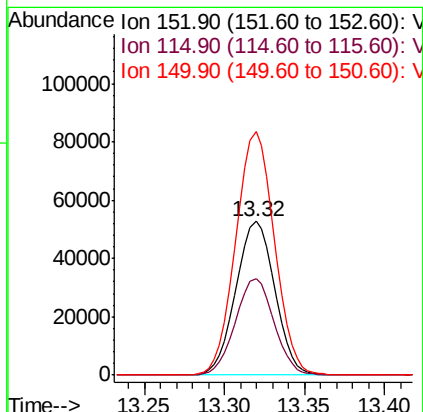
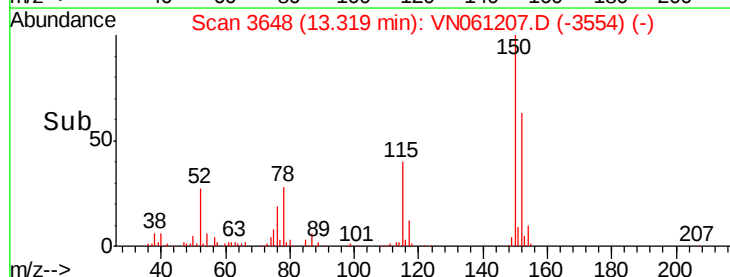
150 157.3 0.0 351.8

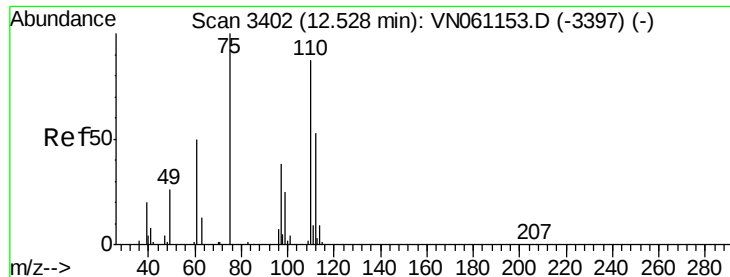


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.301 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

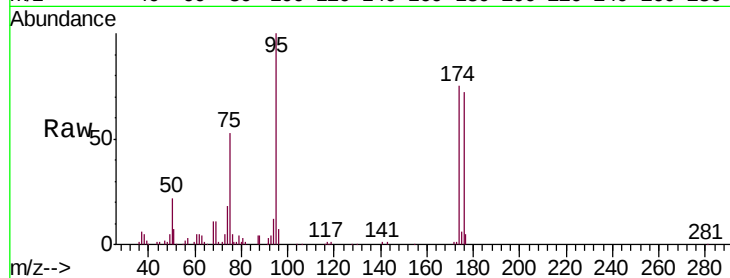
S73-0245

Tgt Ion: 75 Resp: 50273

Ion Ratio Lower Upper

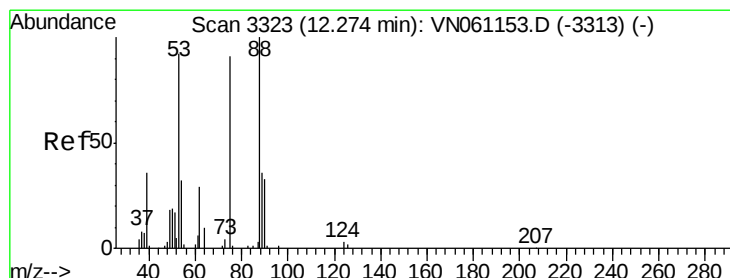
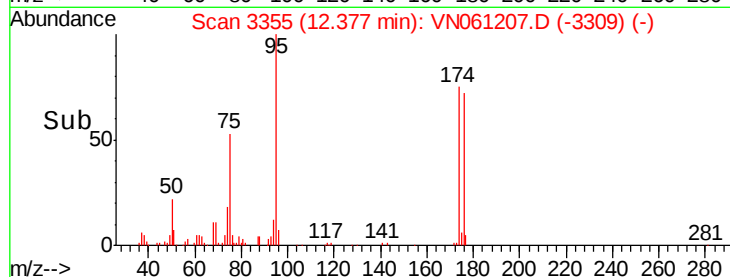
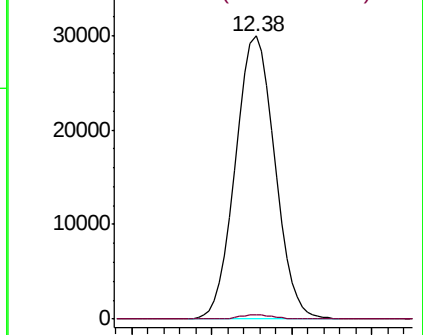
75 100

77 1.2 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: 69.332 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

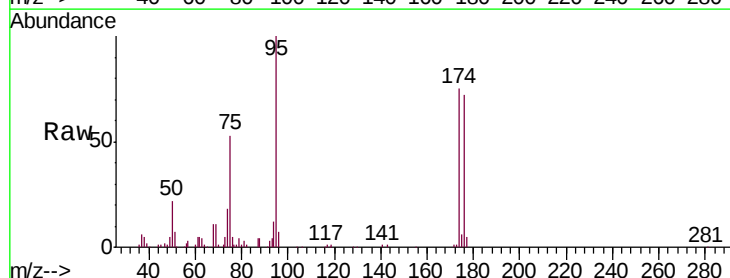
Tgt Ion: 75 Resp: 50273

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

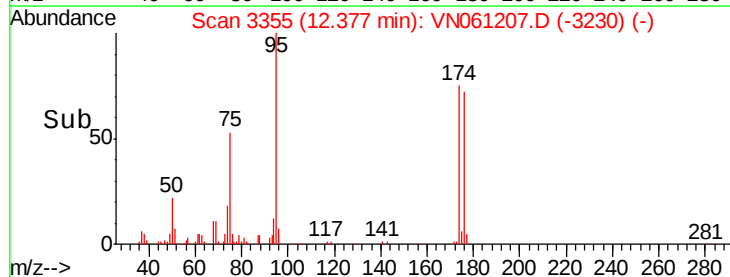
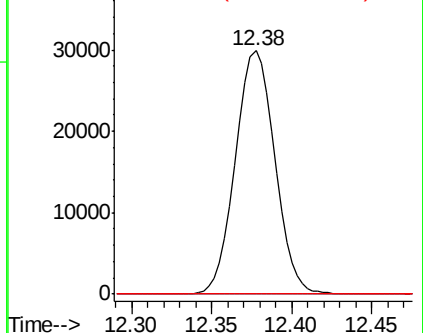
89 0.0 35.2 52.8#

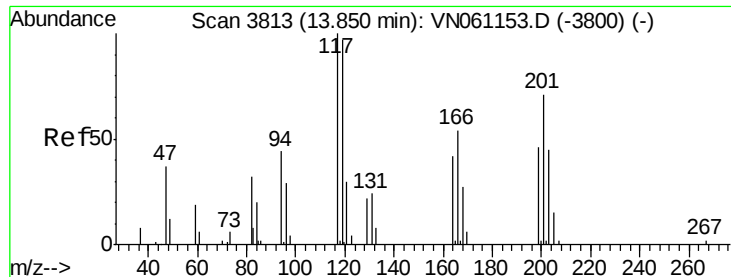


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#90

Hexachloroethane

Concen: 7.782 ug/l

RT: 13.97 min Scan# 3850

Delta R.T. 0.12 min

Lab File: VN061207.D

Acq: 30 Apr 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

S73-0245

Tgt Ion:117 Resp: 106

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#

