

Data File : VN061204.D
Acq On : 30 Apr 2020 16:19
Operator : JC/MD
Sample : L2458-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S73-TB-2020-2

Quant Time: May 01 02:18:31 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	110796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	189672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86097	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.55	113	59010	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.06	98	246969	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.38	95	91060	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

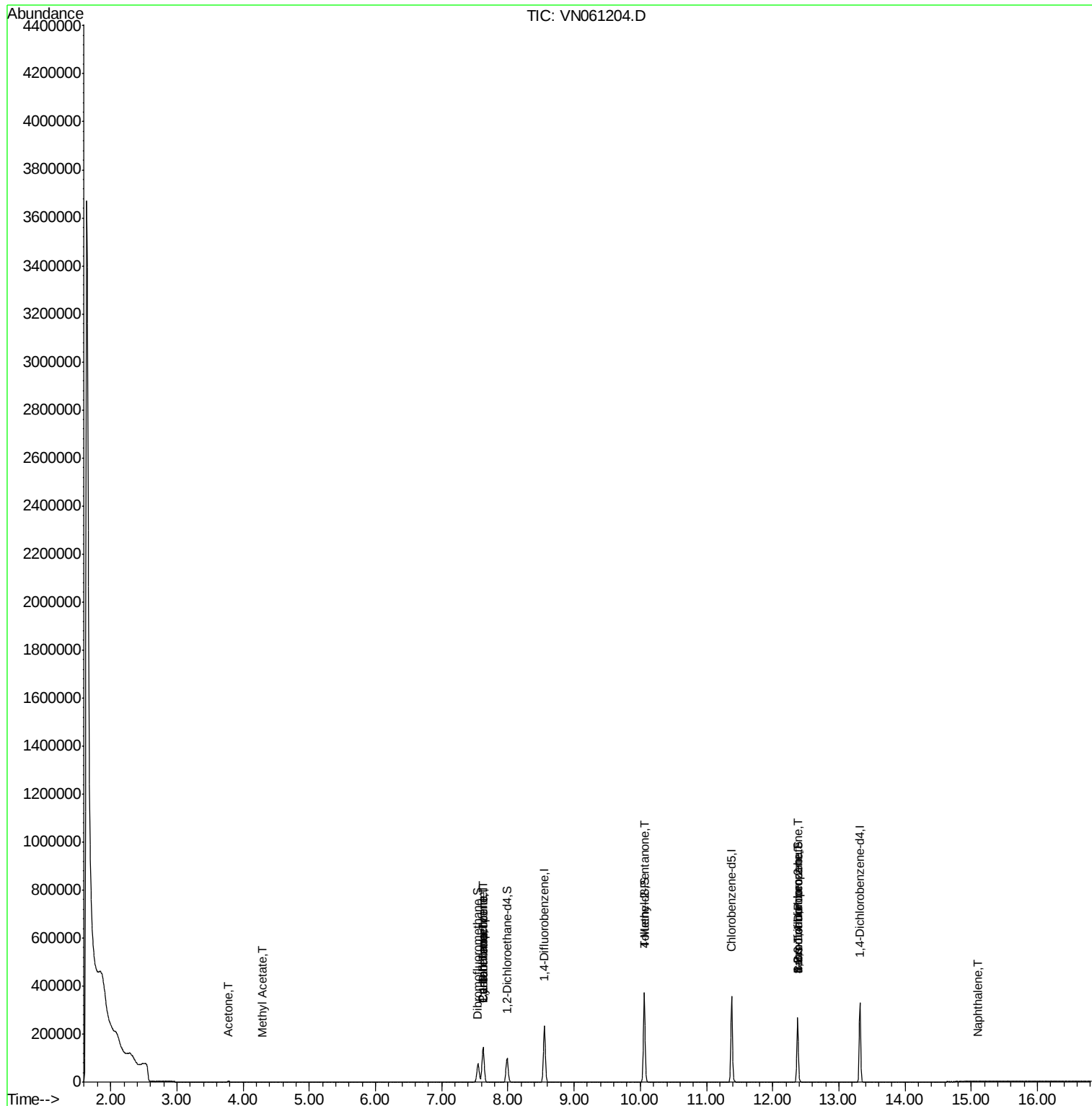
Target Compounds				Qvalue		
16) Acetone	3.78	43	4164	0.631	ug/l #	89
18) Methyl Acetate	4.29	43	268	0.799	ug/l #	55
31) Cyclohexane	7.63	56	2808	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	9694	4.920	ug/l #	49
38) Carbon Tetrachloride	7.63	117	11372	8.323	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1135	0.503	ug/l #	1
71) Bromoform	12.37	173	492	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48045	27.292	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48045	69.308	ug/l #	8
95) Naphthalene	15.11	128	1014	0.204	ug/l #	69

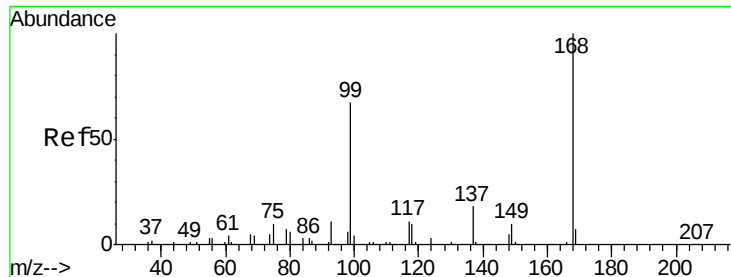
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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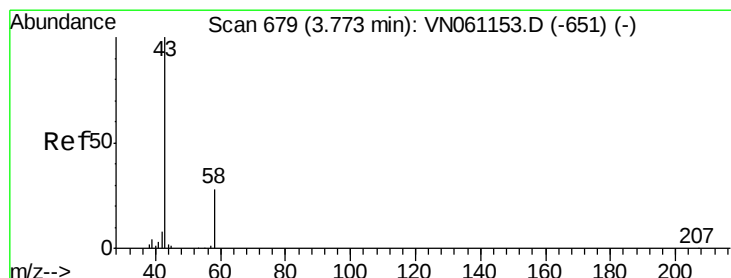
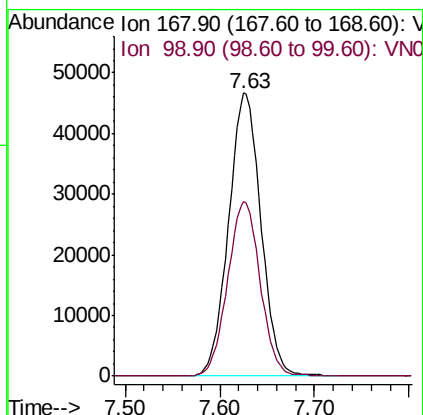
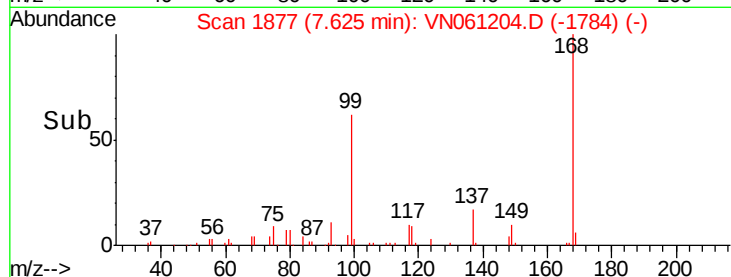
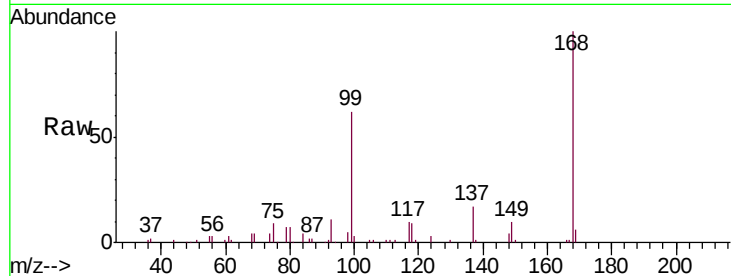


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

Instrument :
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 ClientSampleId :
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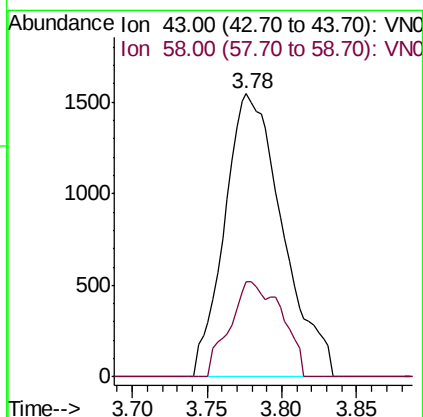
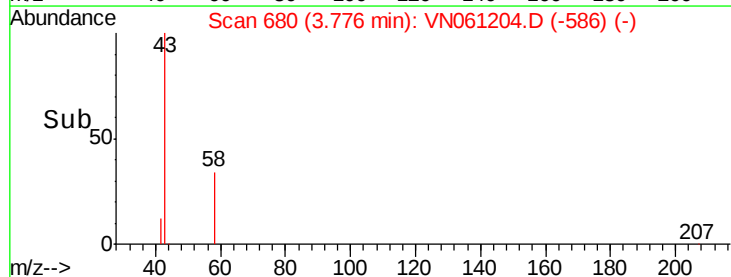
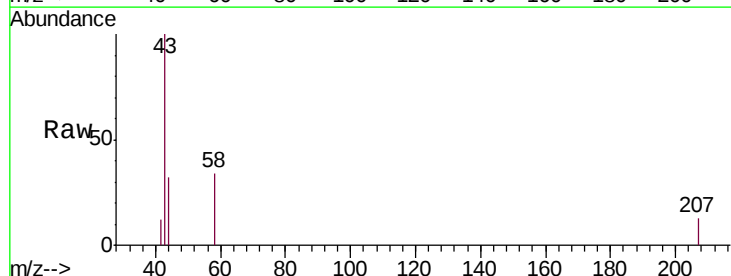
Tgt Ion: 168 Resp: 110796
 Ion Ratio Lower Upper
 168 100
 99 61.9 51.2 76.8

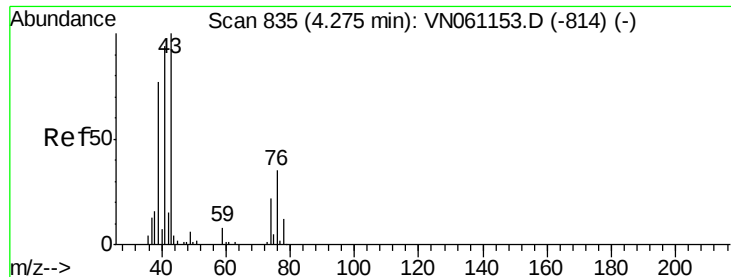


#16

Acetone
 Concen: 0.631 ug/l
 RT: 3.78 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

Tgt Ion: 43 Resp: 4164
 Ion Ratio Lower Upper
 43 100
 58 33.6 22.2 33.2#

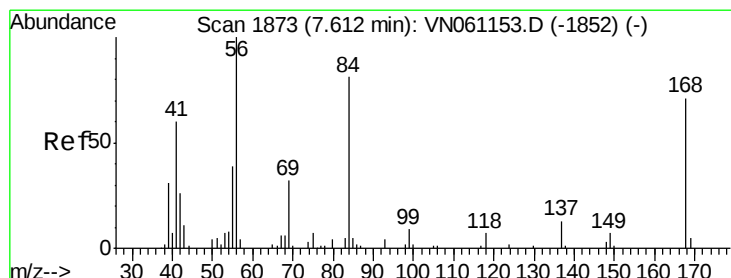
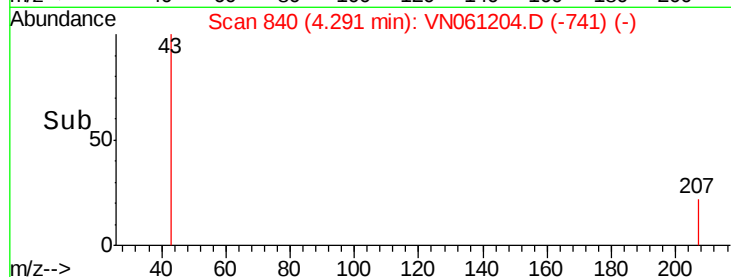
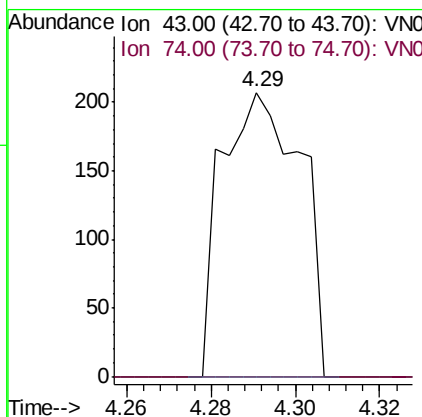
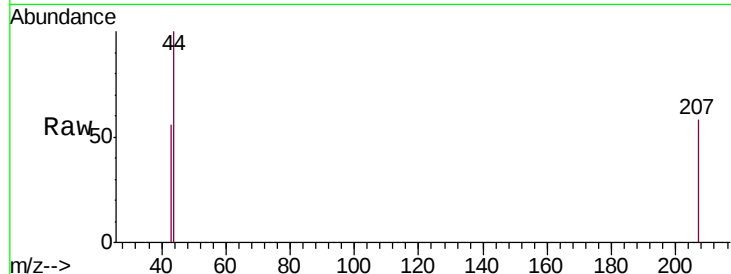




#18
Methyl Acetate
Concen: 0.799 ug/l
RT: 4.29 min Scan# 840
Delta R.T. 0.02 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

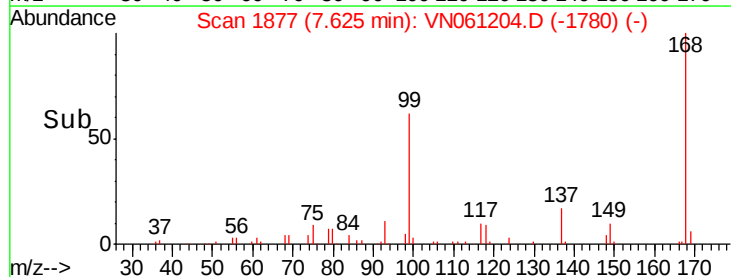
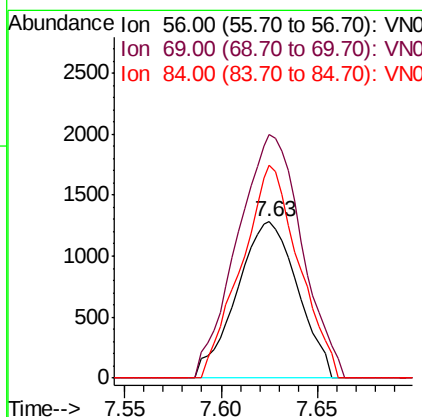
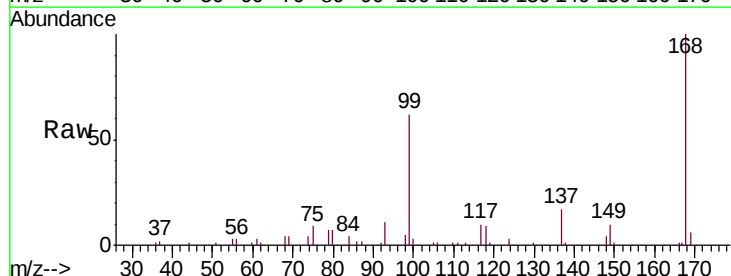
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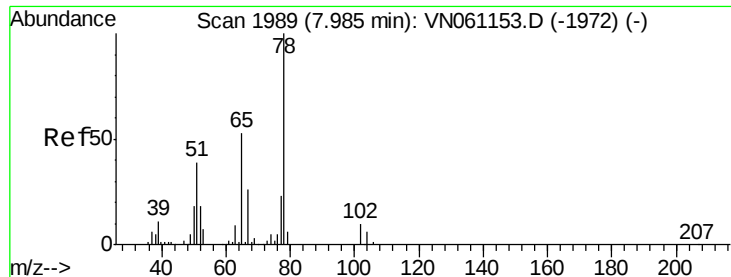
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

Tgt Ion: 56 Resp: 2808
Ion Ratio Lower Upper
56 100
69 155.6 25.7 38.5#
84 136.2 64.6 97.0#

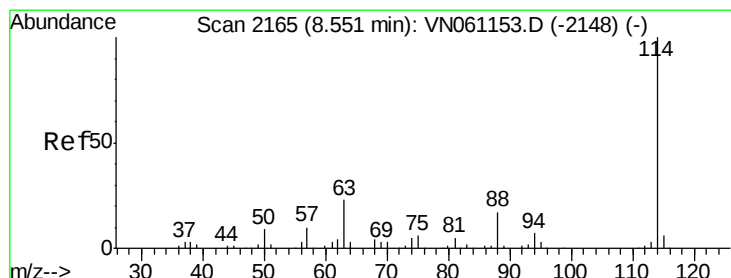
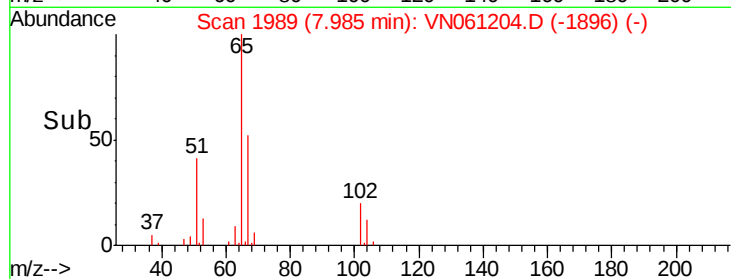
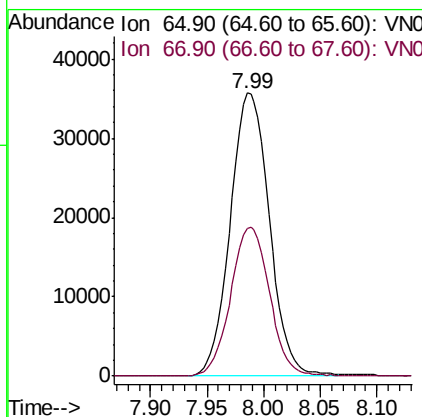
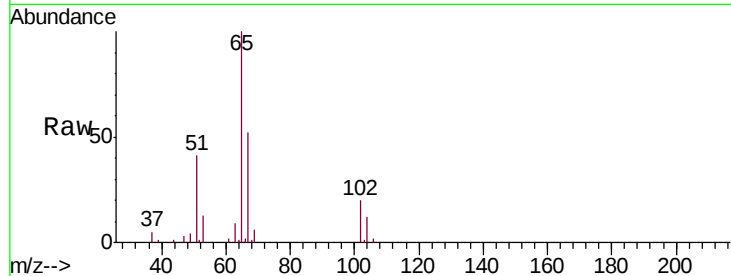




#33
 1,2-Dichloroethane-d4
 Concen: 49.110 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

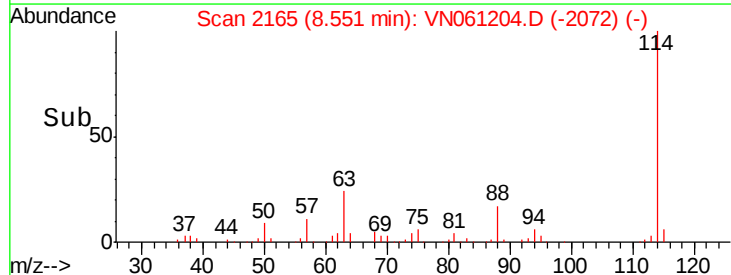
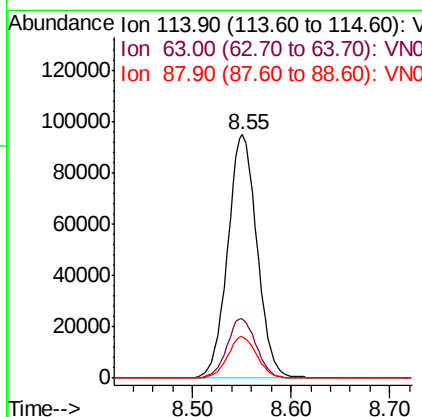
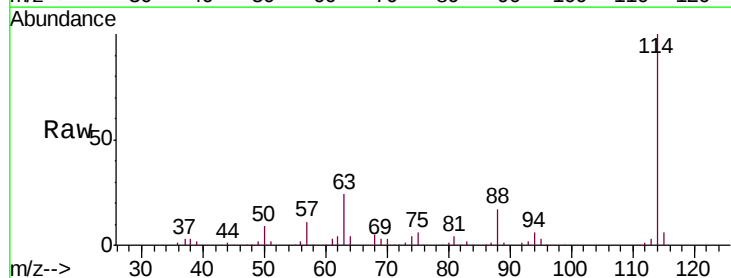
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 S73-TB-2020-2

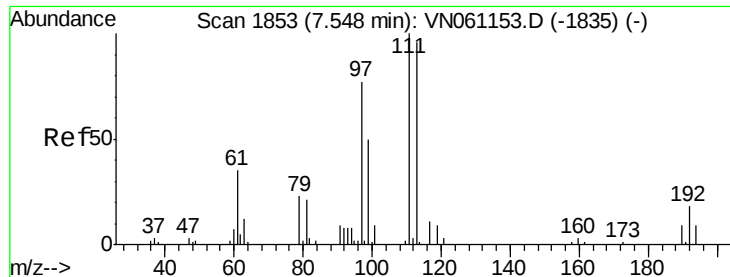
Tgt Ion: 65 Resp: 86097
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

Tgt Ion: 114 Resp: 196843
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.9 0.0 33.4

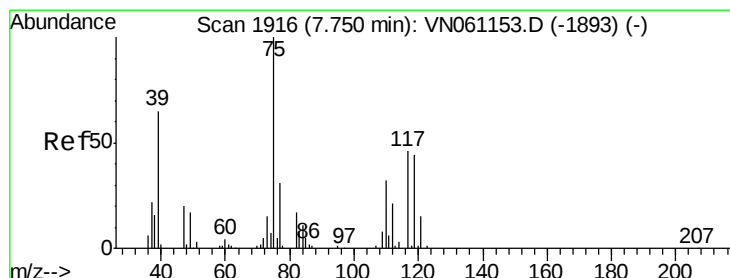
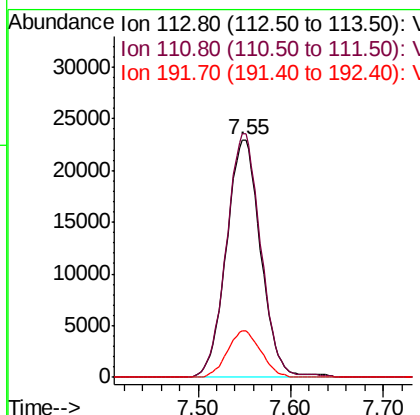
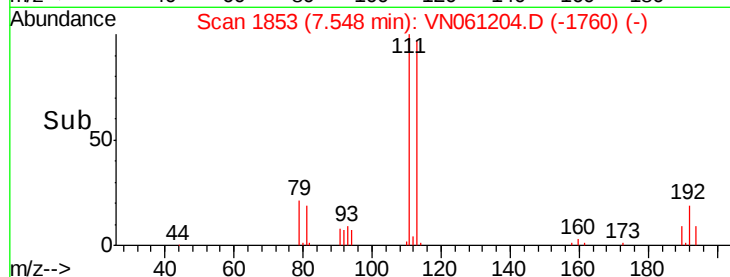
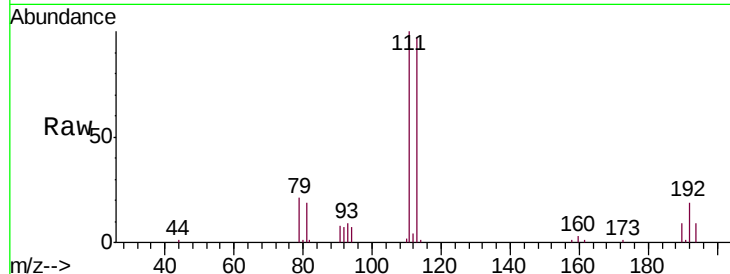




#35
 Dibromofluoromethane
 Concen: 50.697 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

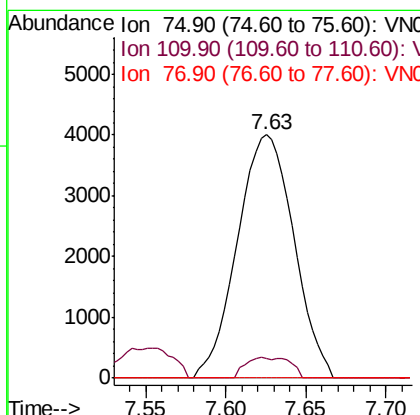
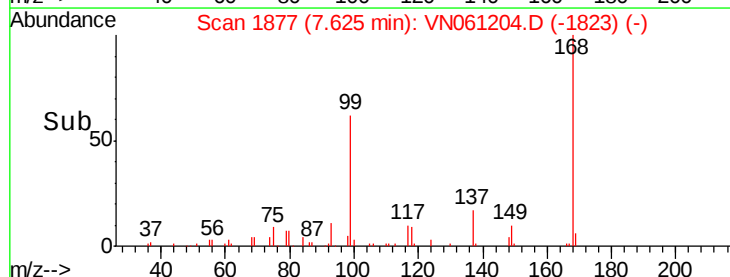
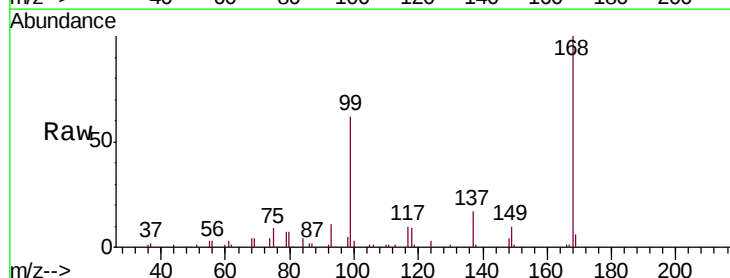
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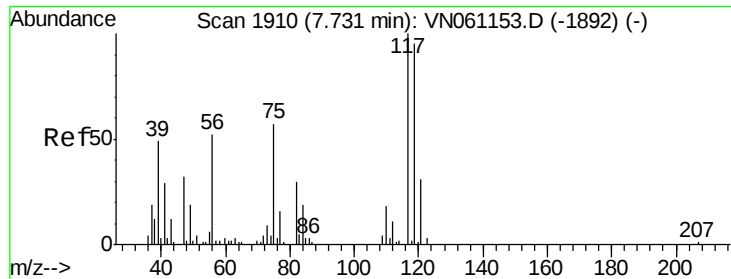
Tgt Ion: 113 Resp: 59010
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 19.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.920 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

Tgt Ion: 75 Resp: 9694
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.0 48.0#
 77 0.0 24.6 37.0#

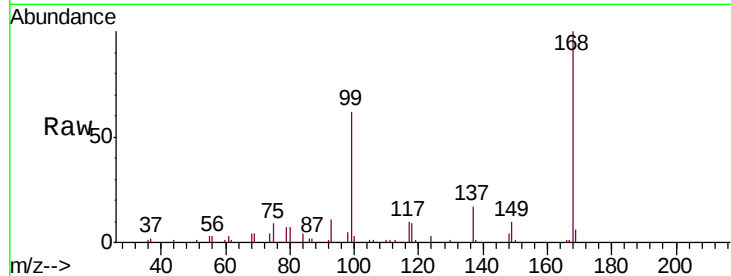




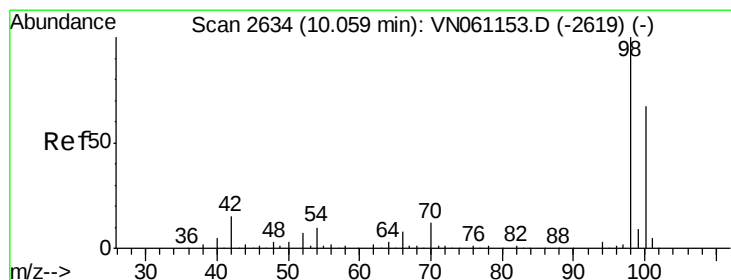
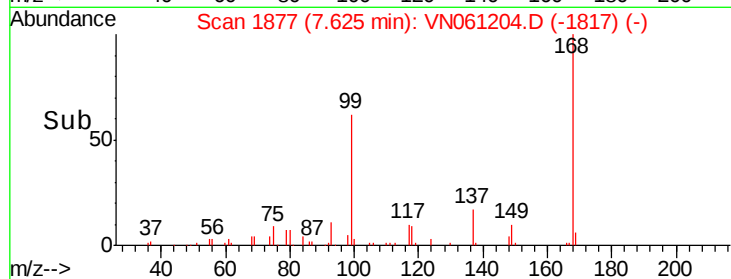
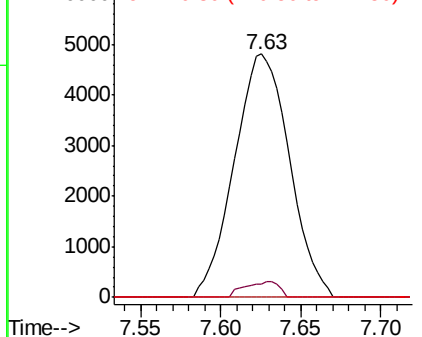
#38
Carbon Tetrachloride
Concen: 8.323 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
S73-TB-2020-2

Tgt Ion:117 Resp: 11372
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.7 37.1#

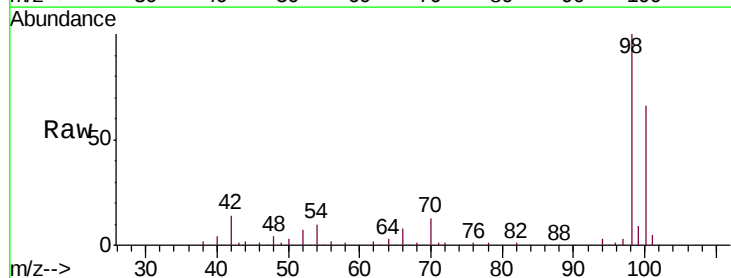


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

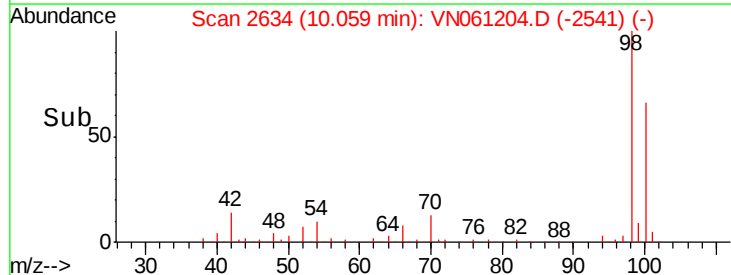
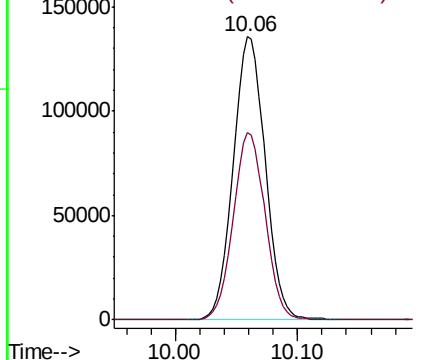


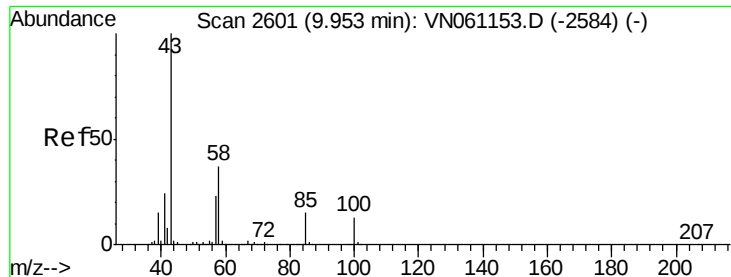
#50
Toluene-d8
Concen: 52.048 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

Tgt Ion: 98 Resp: 246969
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

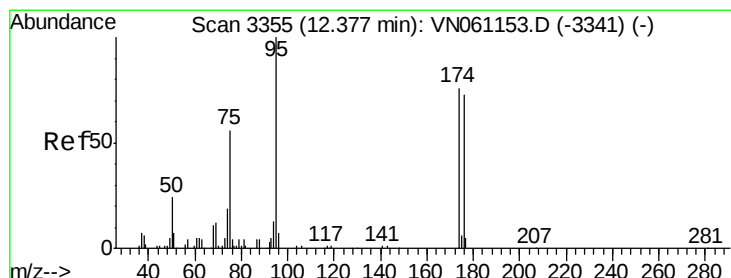
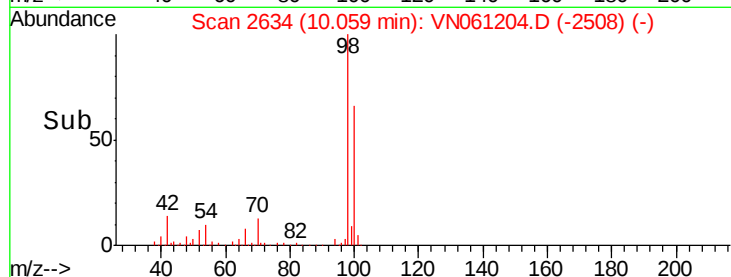
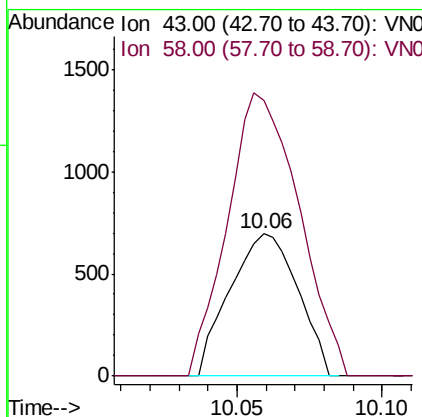
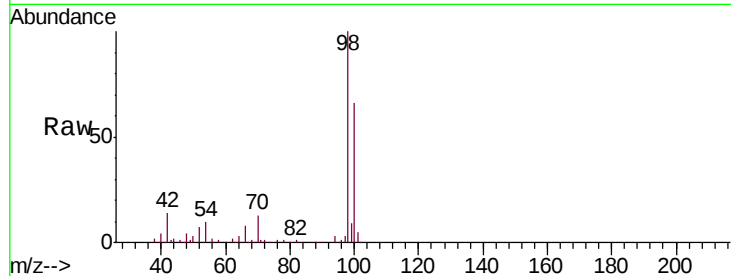




#51
 4-Methyl-2-Pentanone
 Concen: 0.503 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.11 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

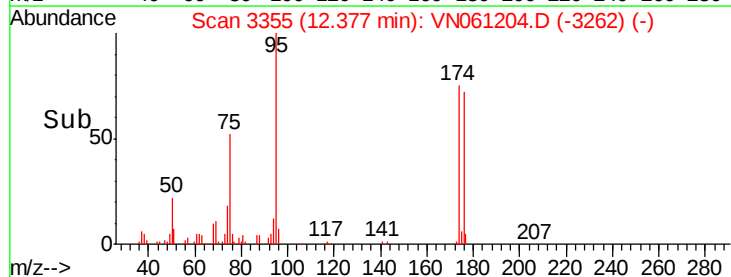
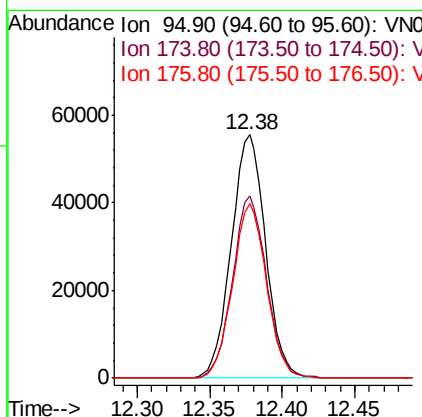
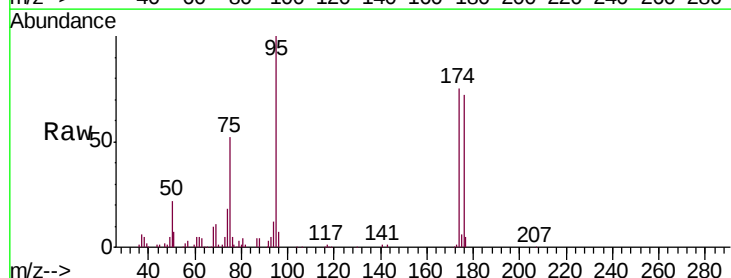
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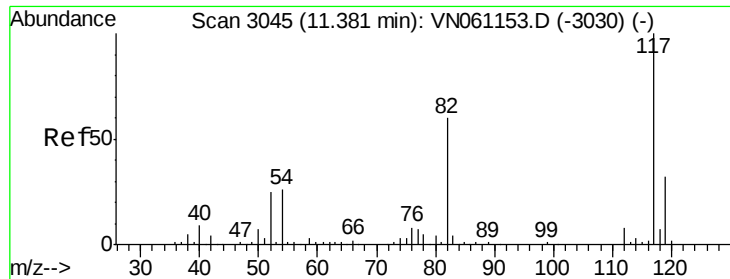
Tgt Ion: 43 Resp: 1135
 Ion Ratio Lower Upper
 43 100
 58 208.8 29.1 43.7#



#62
 4-Bromofluorobenzene
 Concen: 50.996 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061204.D
 Acq: 30 Apr 2020 16:19

Tgt Ion: 95 Resp: 91060
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 149.4
 176 71.1 0.0 144.8

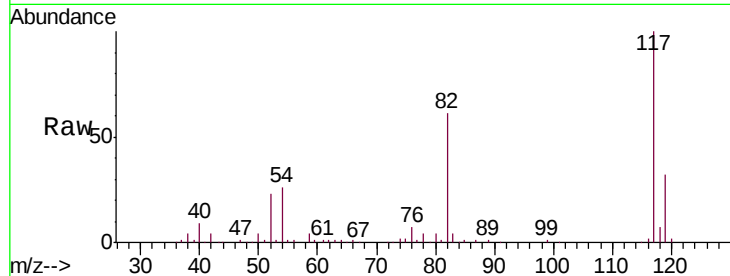




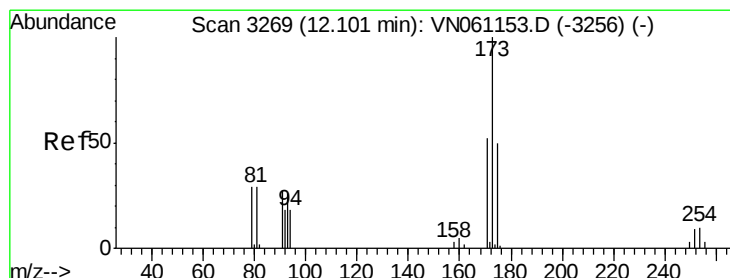
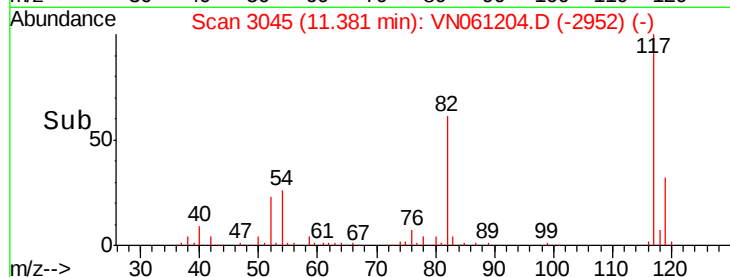
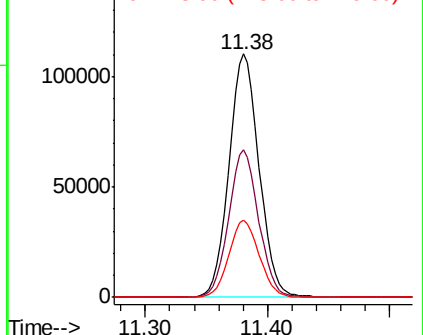
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
S73-TB-2020-2

Tgt Ion:117 Resp: 189672
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 31.6 25.8 38.6

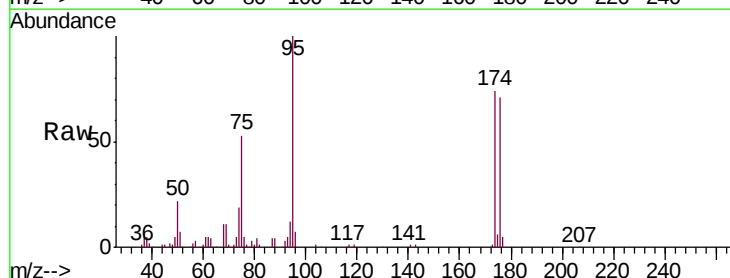


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): V
100000 Ion 118.90 (118.60 to 119.60): V

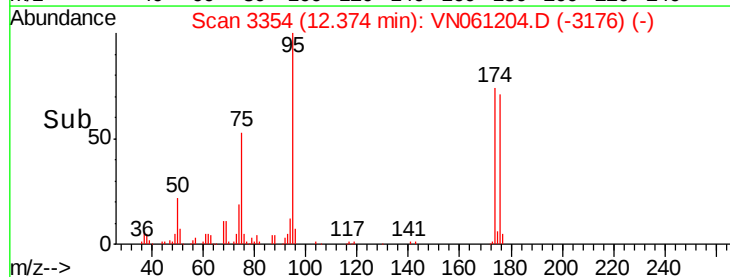
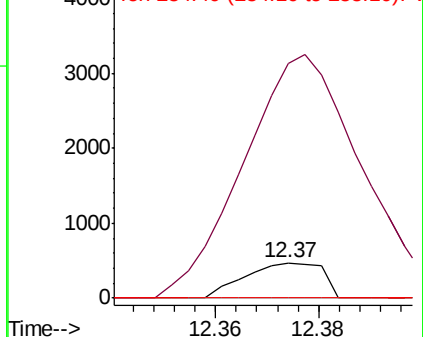


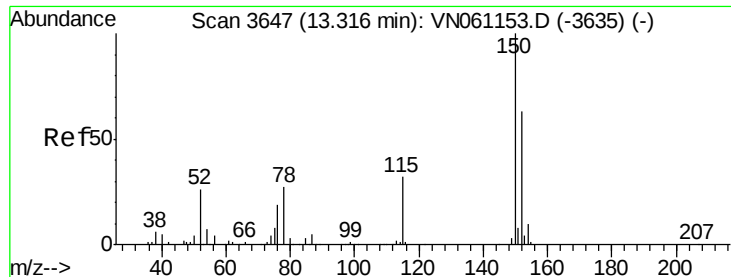
#71
Bromoform
Concen: 0.497 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. 0.27 min
Lab File: VN061204.D
Acq: 30 Apr 2020 16:19

Tgt Ion:173 Resp: 492
Ion Ratio Lower Upper
173 100
175 888.6 24.1 72.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
4000 Ion 174.70 (174.40 to 175.40): V
3000 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: VN061204.D

Acq: 30 Apr 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

S73-TB-2020-2

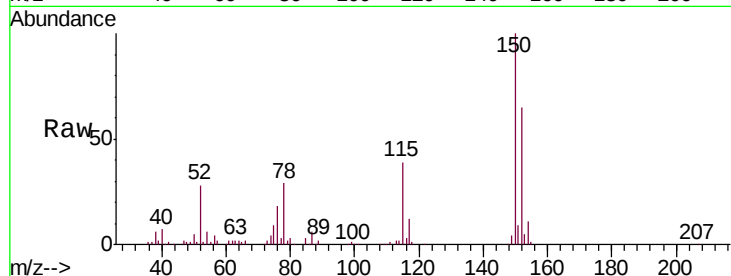
Tgt Ion:152 Resp: 83499

Ion Ratio Lower Upper

152 100

115 61.5 31.0 93.0

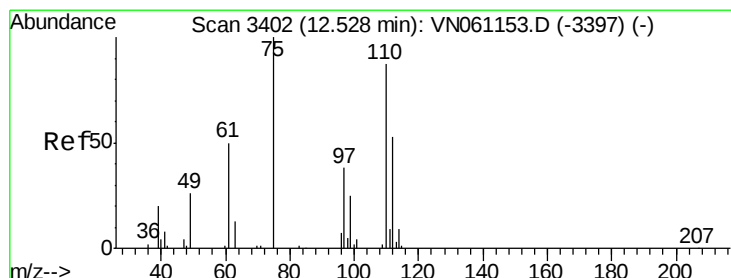
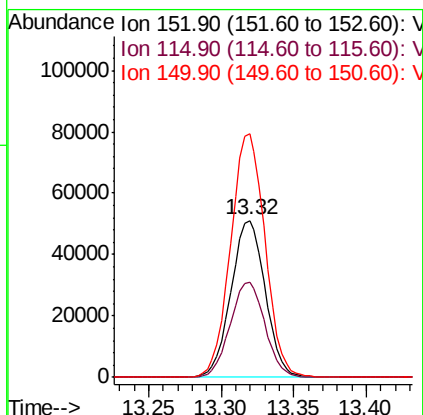
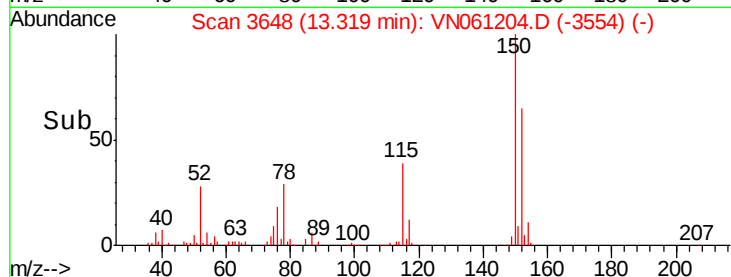
150 156.2 0.0 351.8



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: 27.292 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061204.D

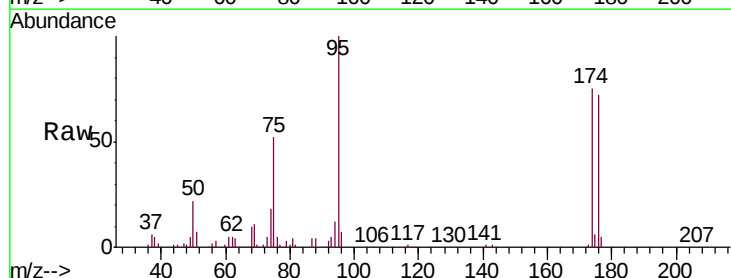
Acq: 30 Apr 2020 16:19

Tgt Ion: 75 Resp: 48045

Ion Ratio Lower Upper

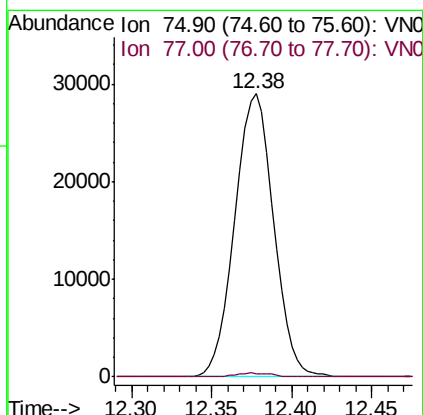
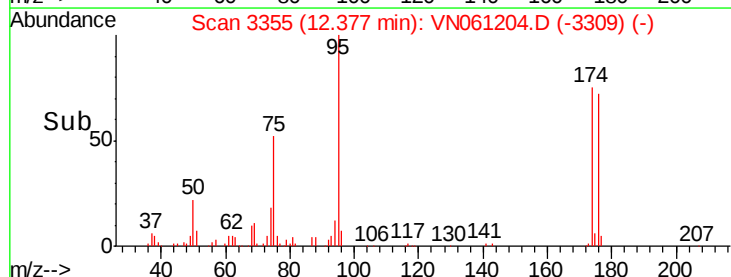
75 100

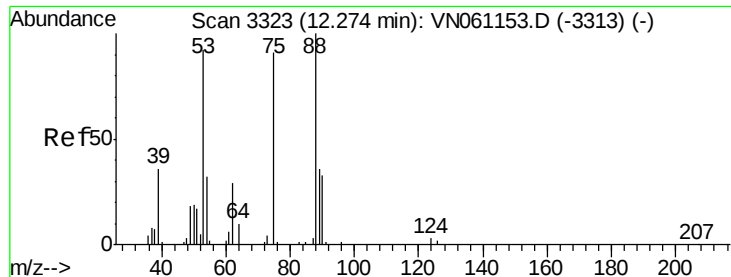
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.308 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061204.D

Acq: 30 Apr 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

S73-TB-2020-2

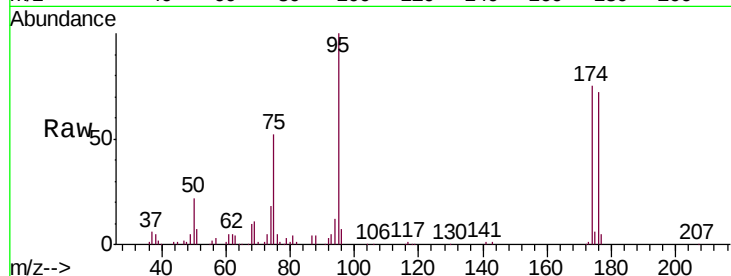
Tgt Ion: 75 Resp: 48045

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

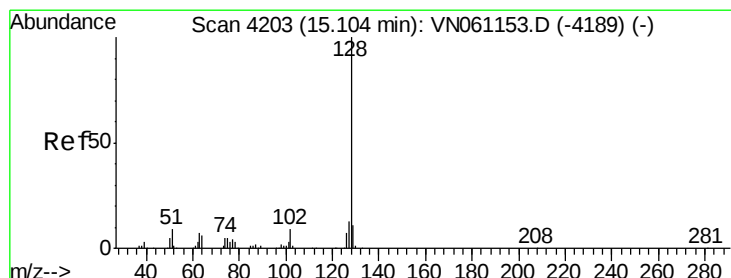
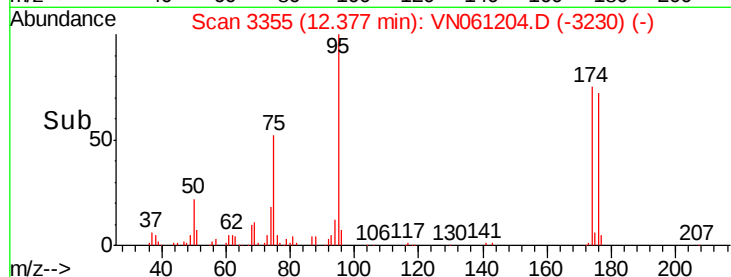
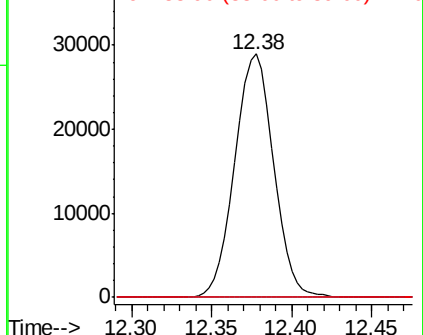
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#95

Naphthalene

Concen: 0.204 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061204.D

Acq: 30 Apr 2020 16:19

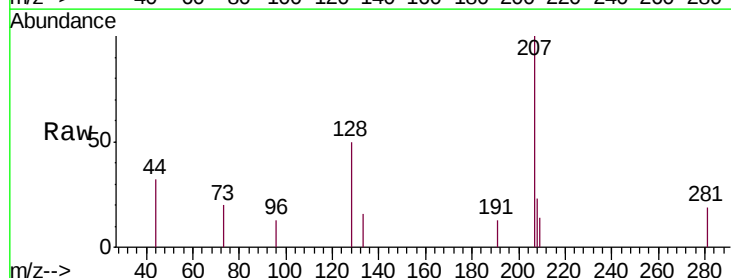
Tgt Ion: 128 Resp: 1014

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN061153.D (-4189) (-)

Ion 127.00 (126.70 to 127.70): VN061153.D (-4189) (-)

Ion 129.00 (128.70 to 129.70): VN061153.D (-4189) (-)

