

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061188.D
 Acq On : 29 Apr 2020 13:27
 Operator : JC/MD
 Sample : L2415-07DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008RW256-200423DL

Quant Time: Apr 29 15:16:05 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	94245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	162451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73211	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	75621	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	51348	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
50) Toluene-d8	10.06	98	207763	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.37	95	78663	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	

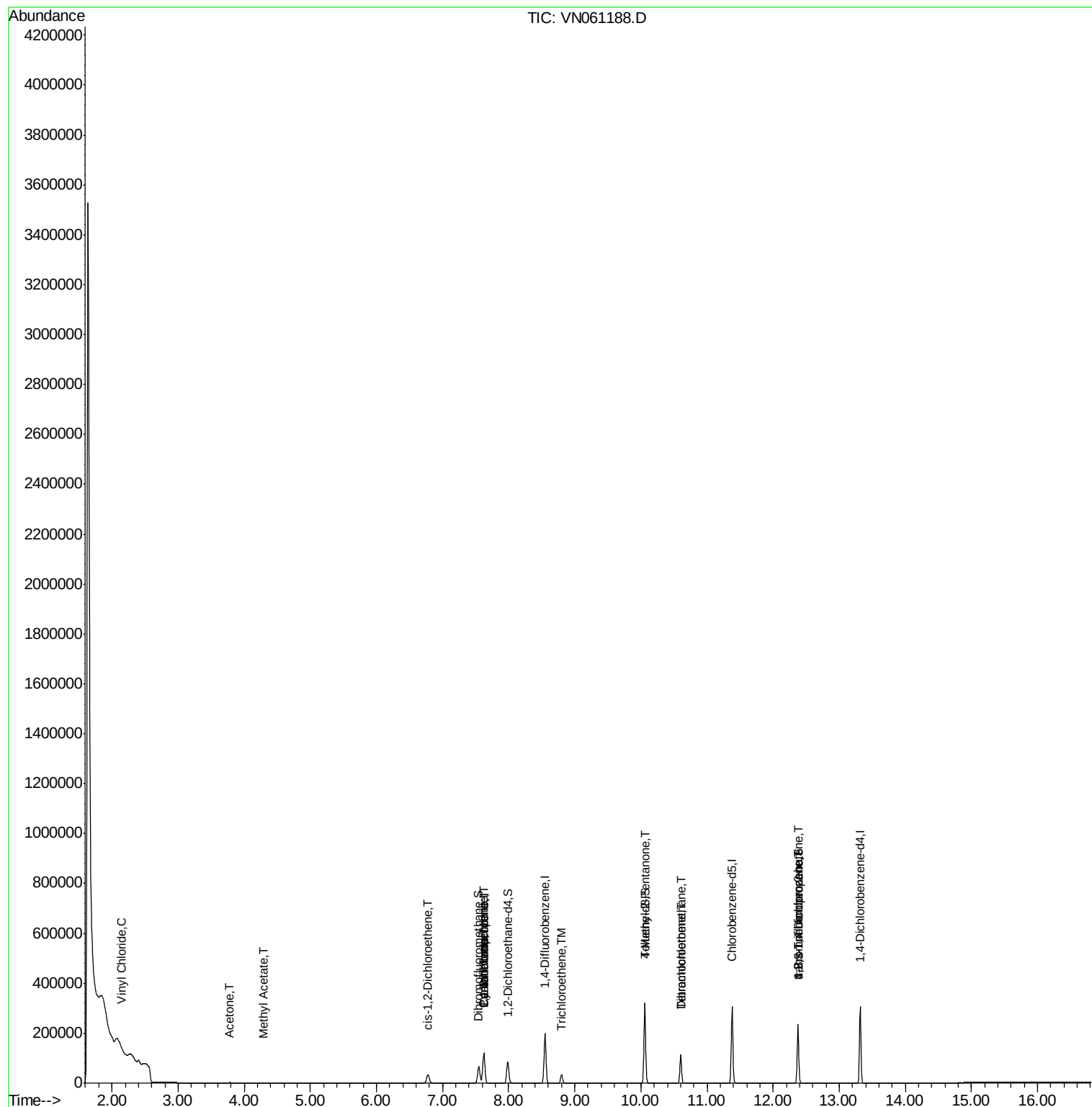
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	867	0.631	ug/l #	87
16) Acetone	3.78	43	3386	0.354	ug/l	94
18) Methyl Acetate	4.30	43	333	0.854	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	19427	15.289	ug/l	87
31) Cyclohexane	7.63	56	2507	1.156	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	8471	5.097	ug/l #	49
38) Carbon Tetrachloride	7.62	117	9919	8.529	ug/l #	17
44) Trichloroethene	8.80	130	11935	8.916	ug/l	94
51) 4-Methyl-2-Pentanone	10.06	43	1089	0.572	ug/l #	1
60) Dibromochloromethane	10.60	129	23608	18.948	ug/l #	10
64) Tetrachloroethene	10.60	164	24879	17.682	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	44000	28.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	44000	72.393	ug/l #	8

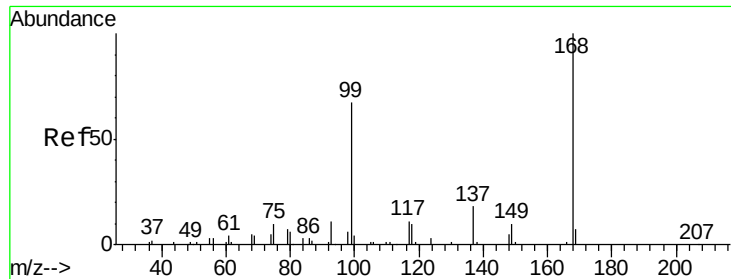
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061188.D

Acq: 29 Apr 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

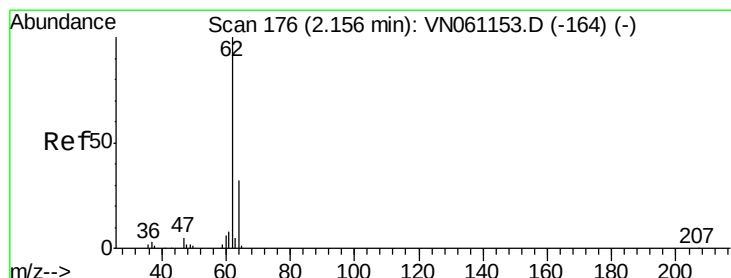
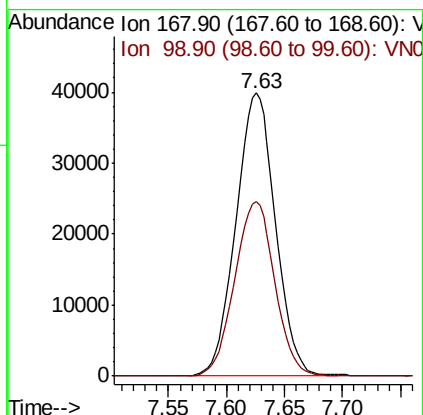
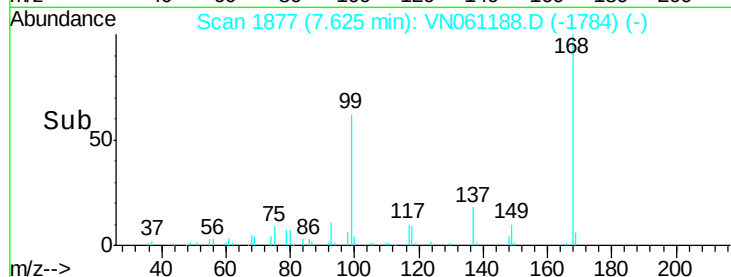
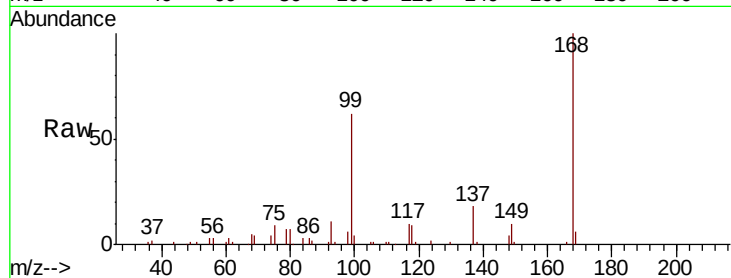
ST008RW256-200423DL

Tot Ion:168 Resp: 94245

Ion Ratio Lower Upper

168 100

99 61.7 51.2 76.8



#4

Vinyl Chloride

Concen: 0.631 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061188.D

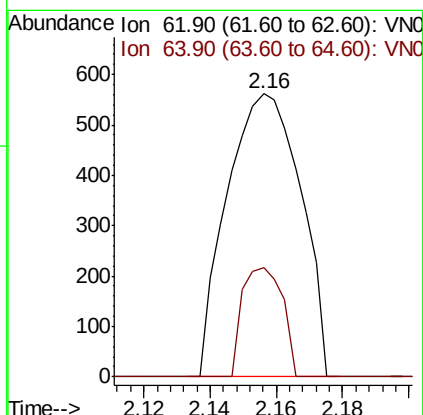
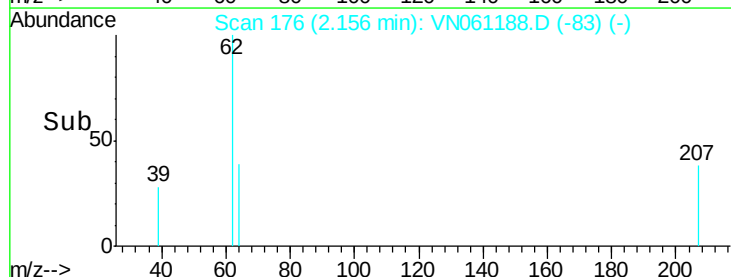
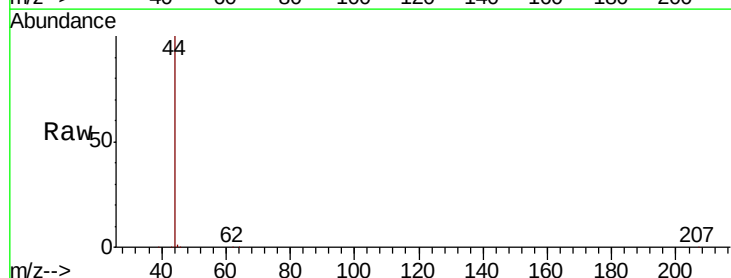
Acq: 29 Apr 2020 13:27

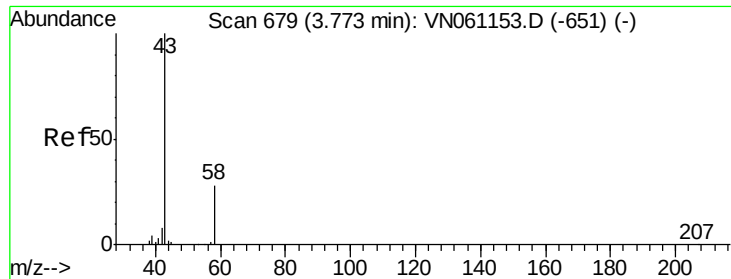
Tgt Ion: 62 Resp: 867

Ion Ratio Lower Upper

62 100

64 38.8 25.2 37.8#





#16

Acetone

Concen: 0.354 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

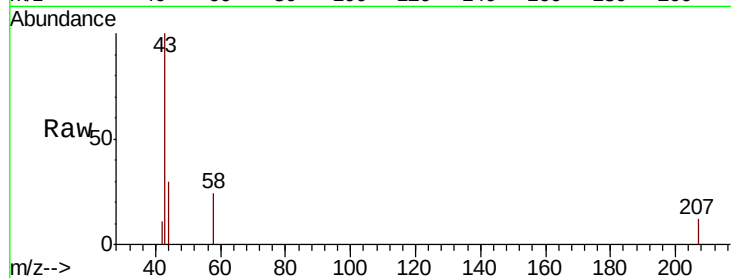
ST008RW256-200423DL

Tot Ion: 43 Resp: 3386

Ion Ratio Lower Upper

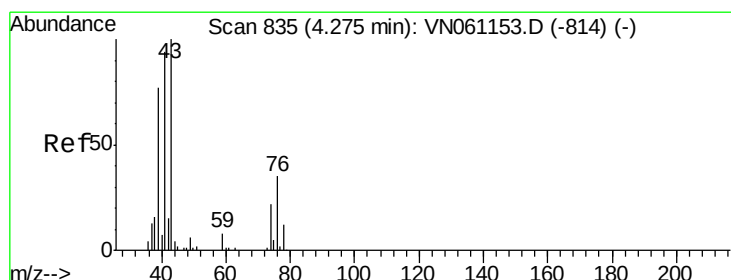
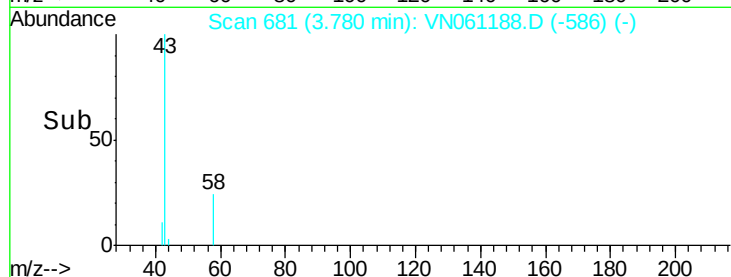
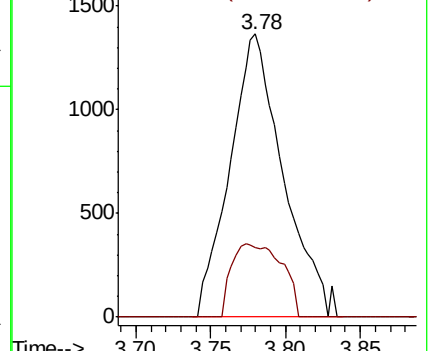
43 100

58 24.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.854 ug/l

RT: 4.30 min Scan# 842

Delta R.T. 0.02 min

Lab File: VN061188.D

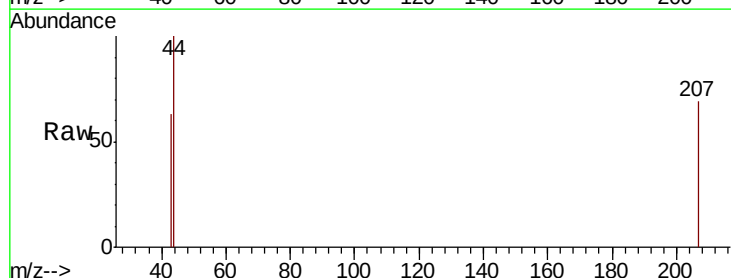
Acq: 29 Apr 2020 13:27

Tgt Ion: 43 Resp: 333

Ion Ratio Lower Upper

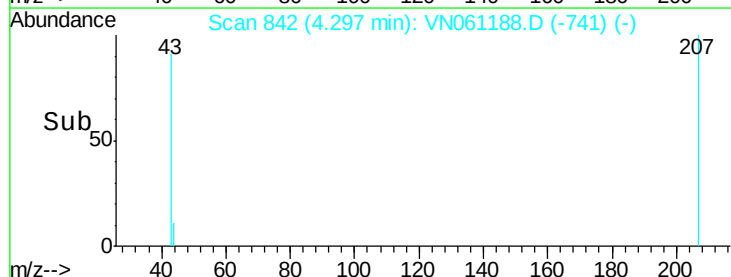
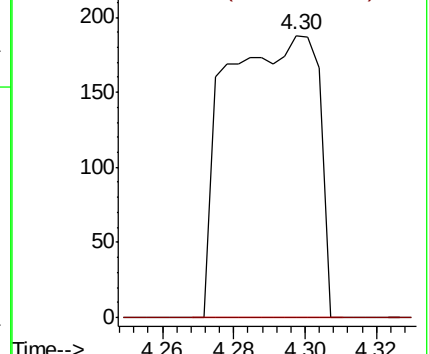
43 100

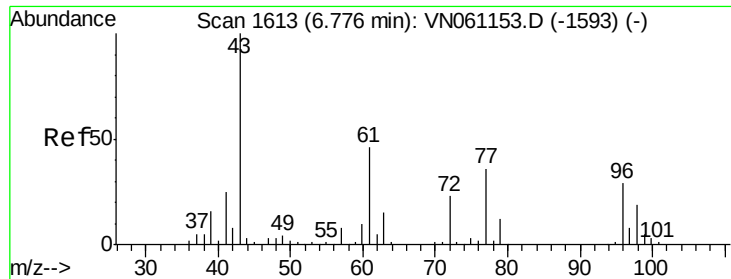
74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

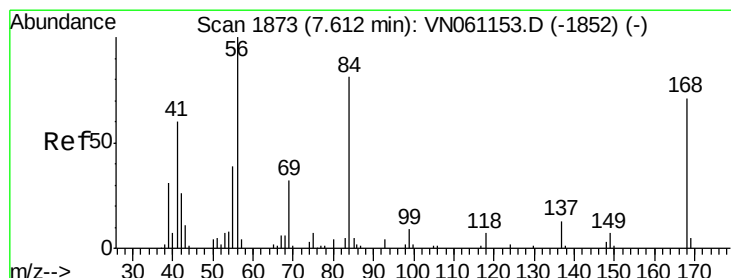
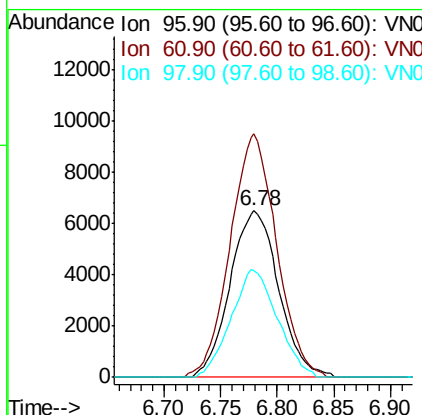
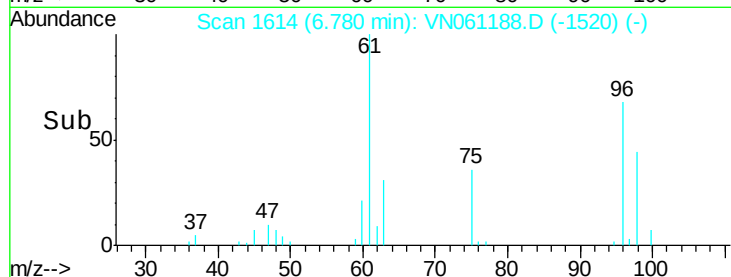
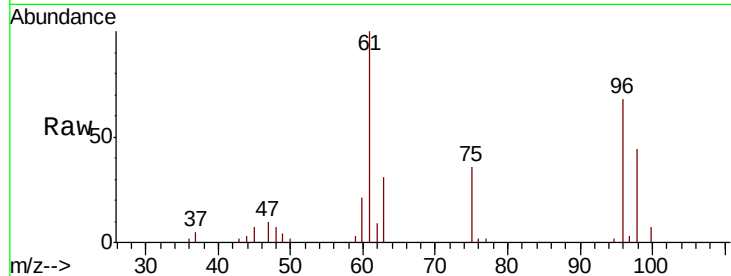




#27
 cis-1,2-Dichloroethene
 Concen: 15.289 ug/l
 RT: 6.78 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

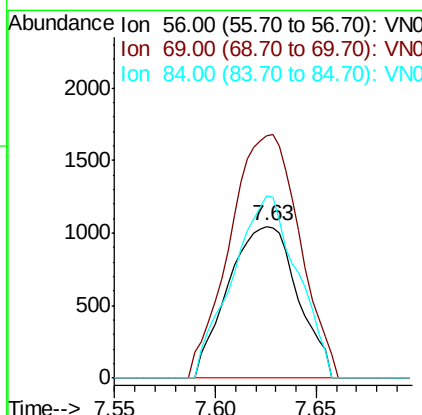
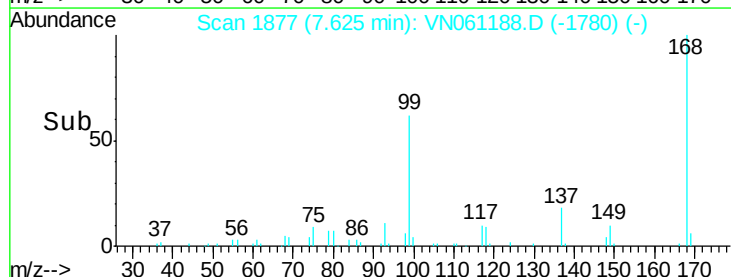
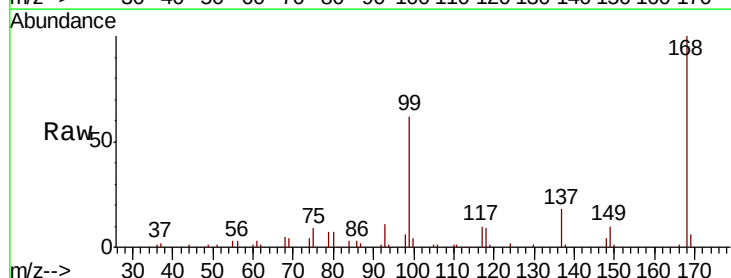
Instrument :
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 ST008RW256-200423DL

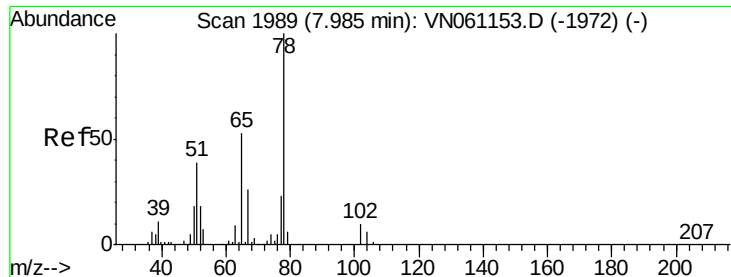
Tot Ion: 96 Resp: 19427
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 322.0
 98 61.6 0.0 129.6



#31
 Cyclohexane
 Concen: 1.156 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

Tgt Ion: 56 Resp: 2507
 Ion Ratio Lower Upper
 56 100
 69 159.3 25.7 38.5#
 84 120.2 64.6 97.0#

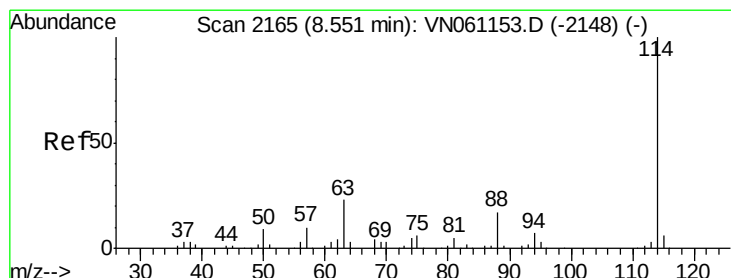
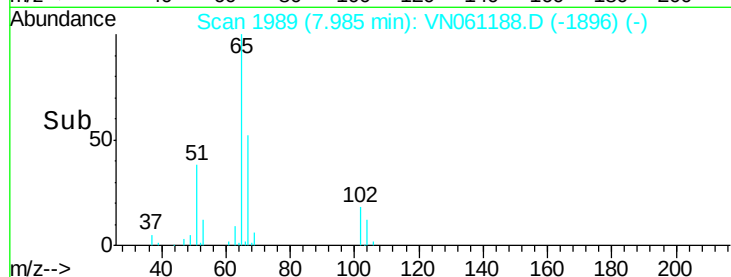
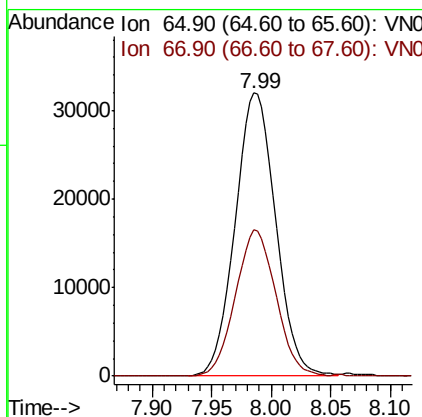
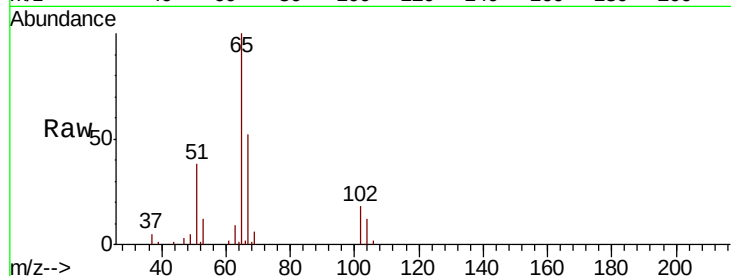




#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

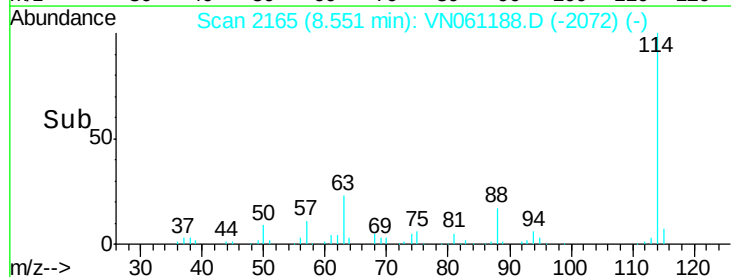
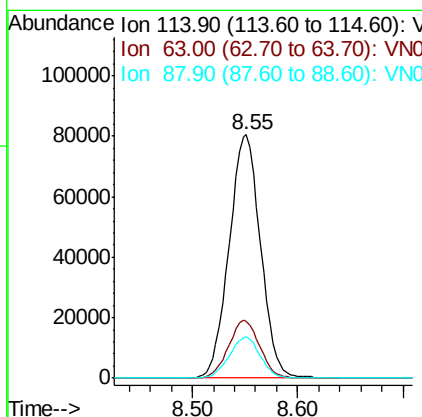
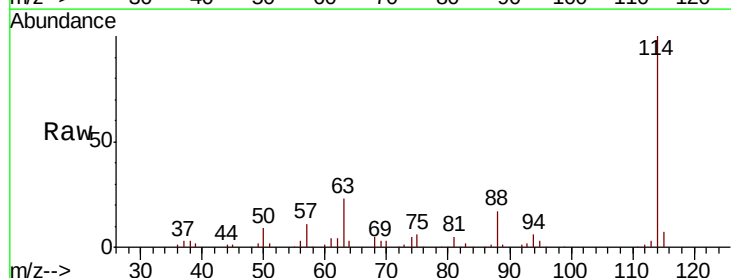
Instrument :
 MSVOA_N
 ClientSampleId :
 ST008RW256-200423DL

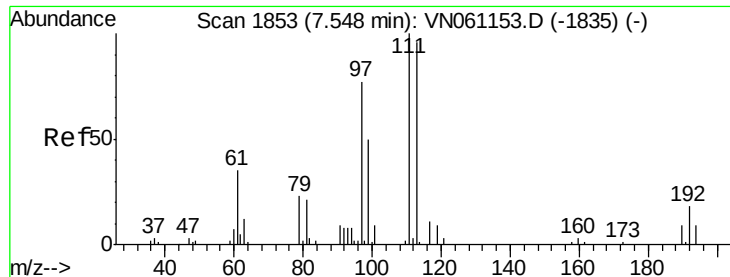
Tot Ion: 65 Resp: 75621
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

Tgt Ion: 114 Resp: 166026
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.6
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.302 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

ST008RW256-200423DL

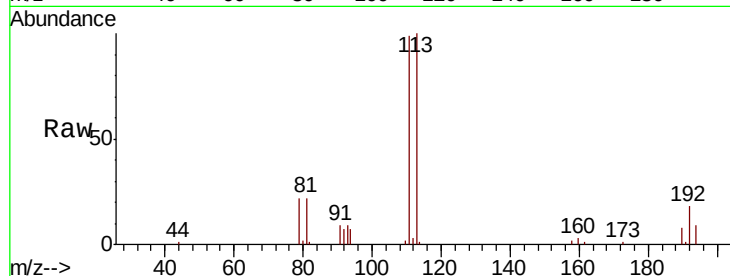
Tot Ion:113 Resp: 51348

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

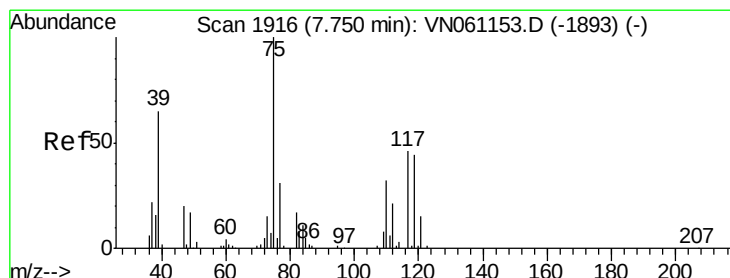
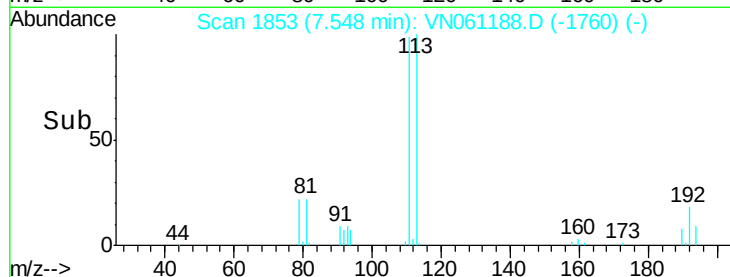
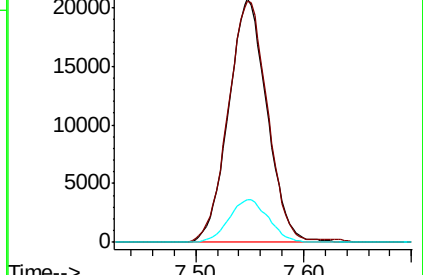
192 18.1 14.7 22.1



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: 5.097 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.13 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

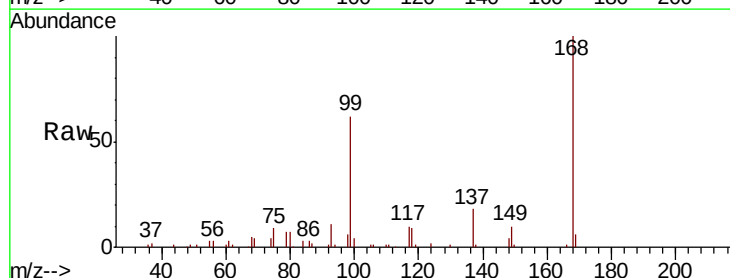
Tgt Ion: 75 Resp: 8471

Ion Ratio Lower Upper

75 100

110 6.7 16.0 48.0#

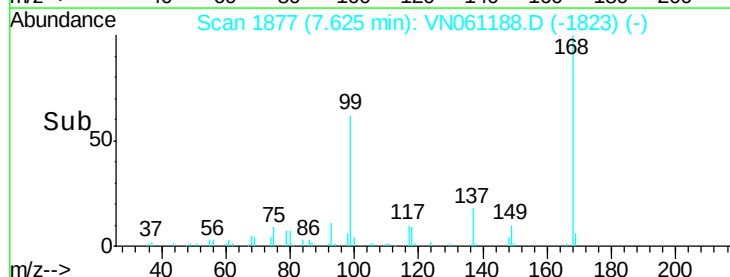
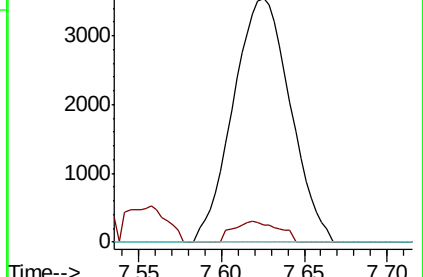
77 0.0 24.6 37.0#

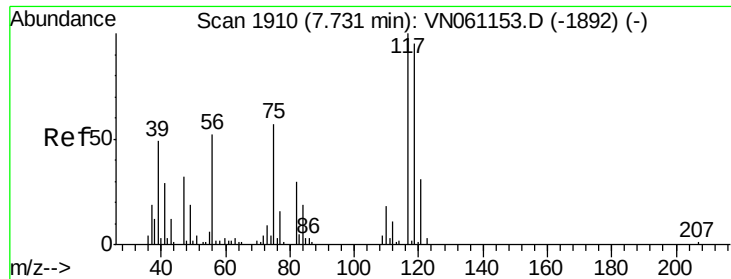


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 8.529 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.11 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

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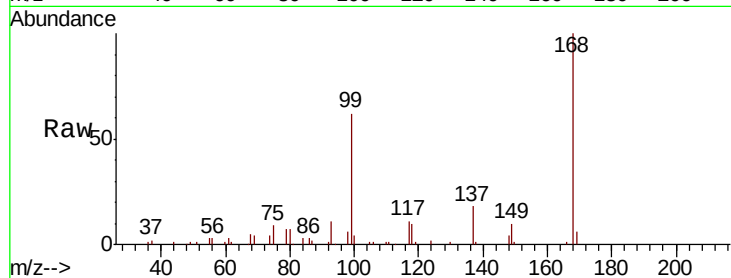
Tot Ion:117 Resp: 9919

Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

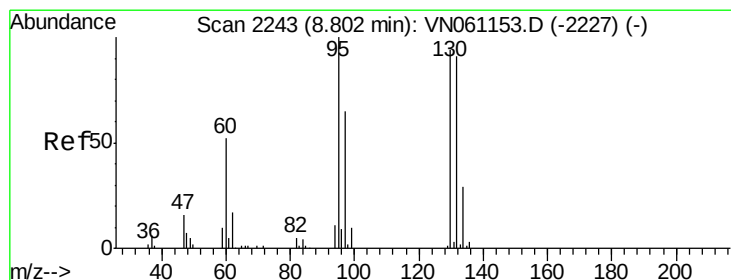
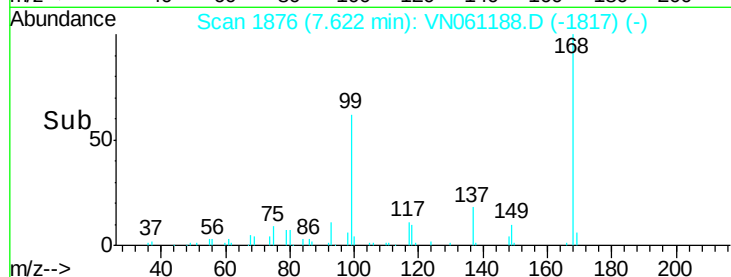
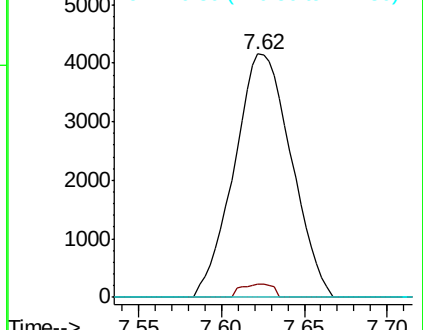
121 0.0 24.7 37.1#



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



#44

Trichloroethene

Concen: 8.916 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061188.D

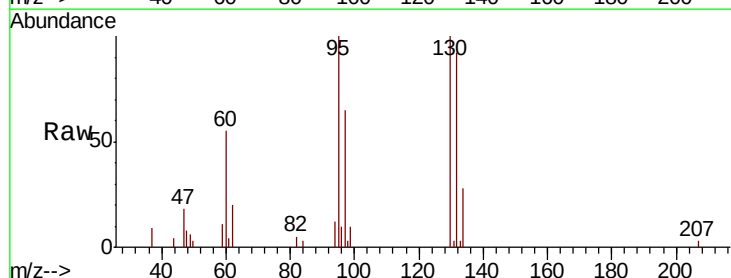
Acq: 29 Apr 2020 13:27

Tgt Ion:130 Resp: 11935

Ion Ratio Lower Upper

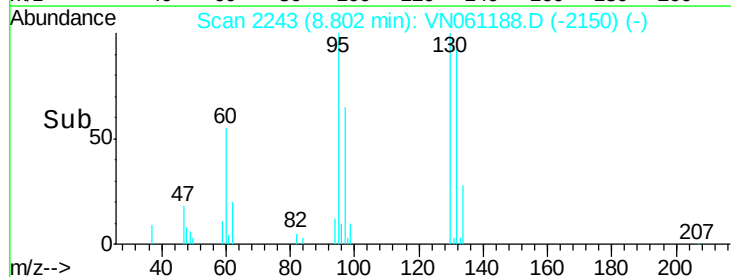
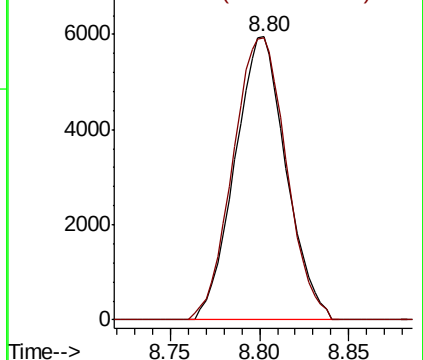
130 100

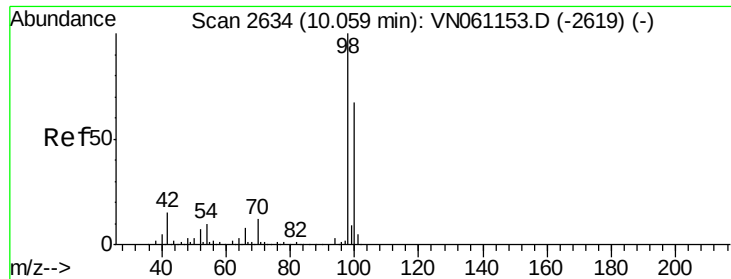
95 99.7 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

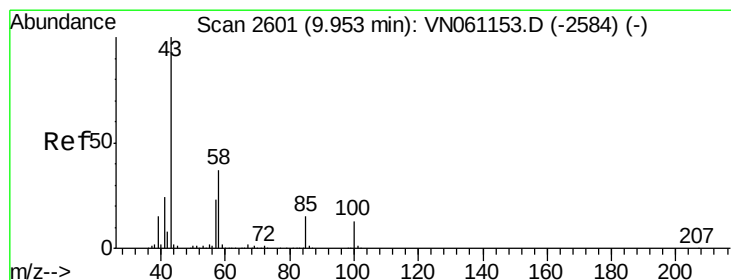
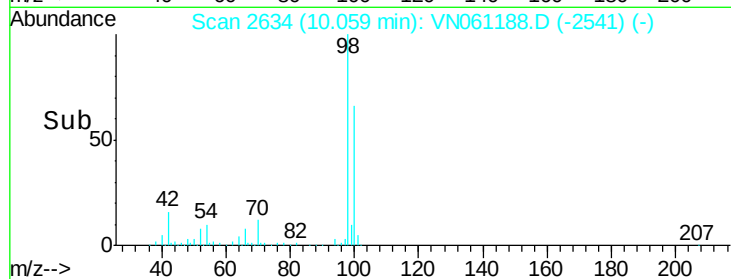
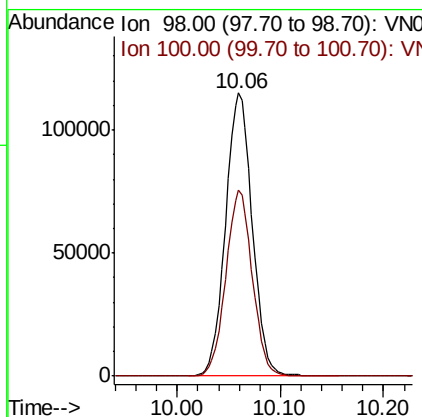
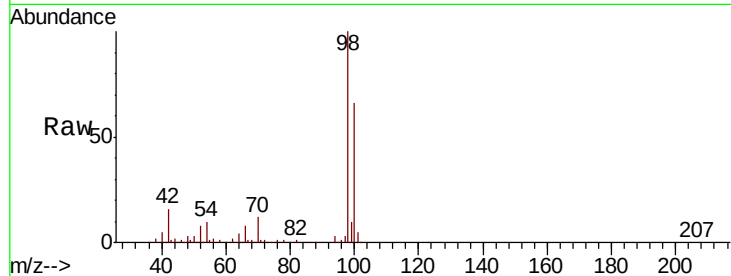




#50
Toluene-d8
Concen: 51.913 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

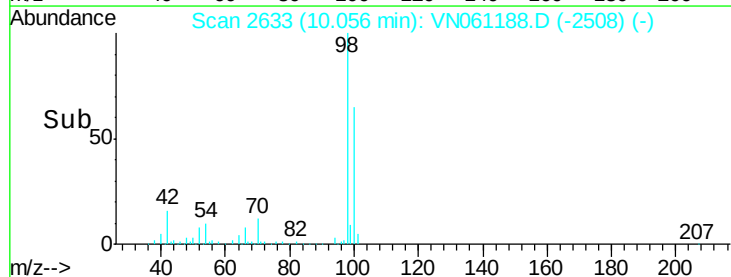
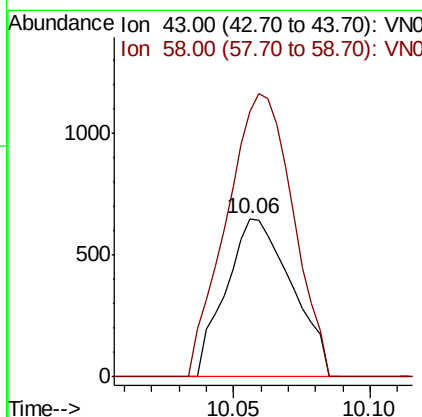
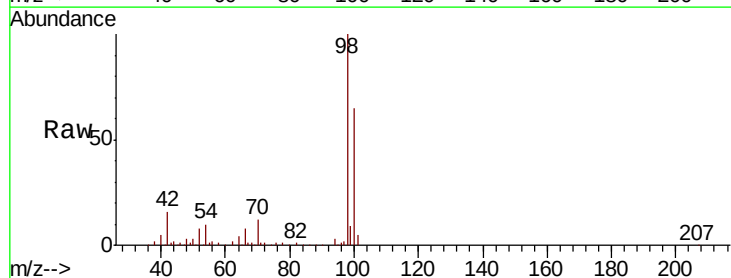
Instrument :
MSVOA_N
ClientSampleId :
ST008RW256-200423DL

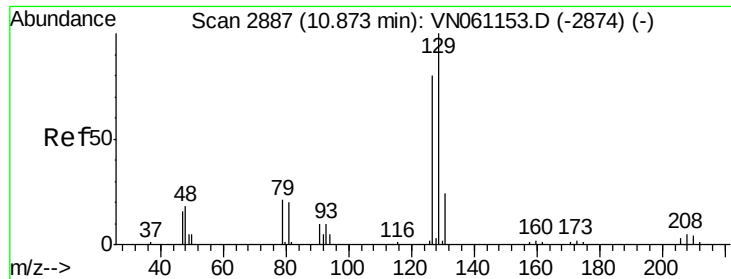
Tot Ion: 98 Resp: 207763
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. 0.10 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 180.4 29.1 43.7#

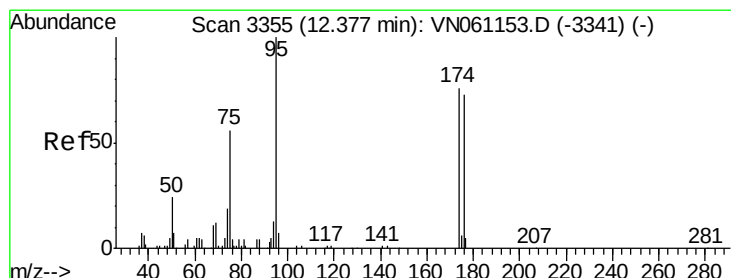
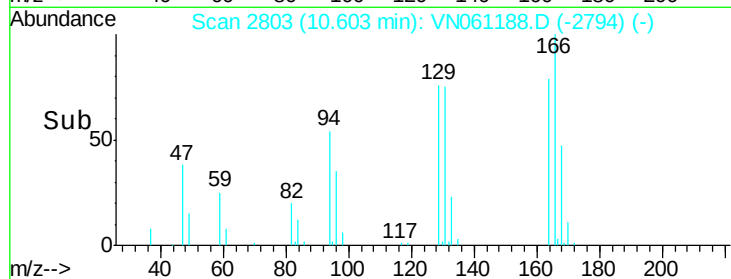
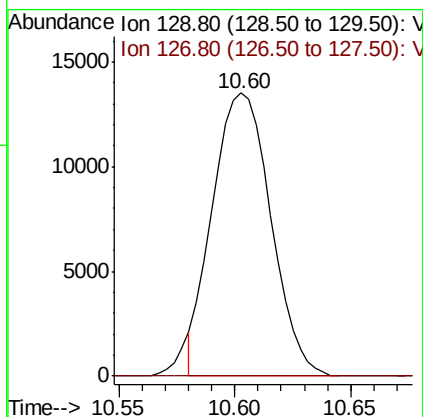
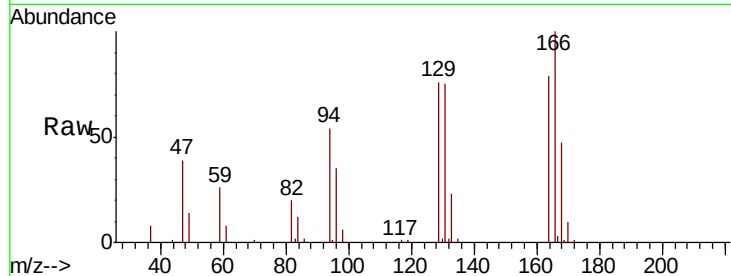




#60
 Dibromochloromethane
 Concen: 18.948 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. -0.27 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

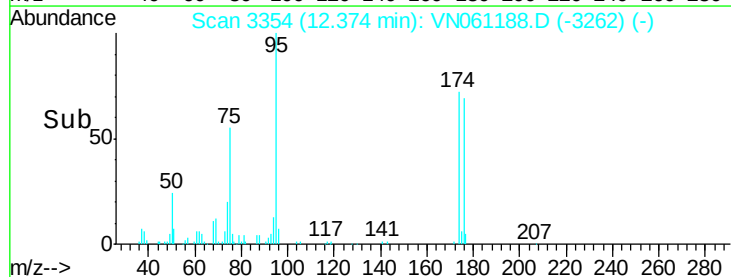
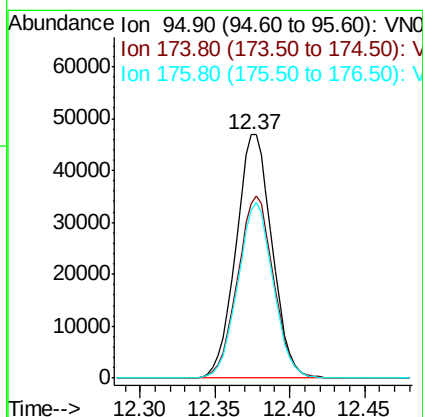
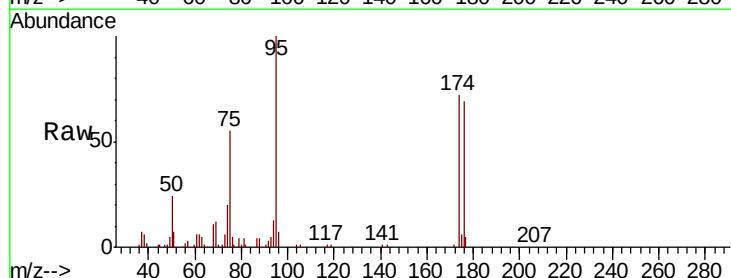
Instrument :
 MSVOA_N
 ClientSampleId :
 ST008RW256-200423DL

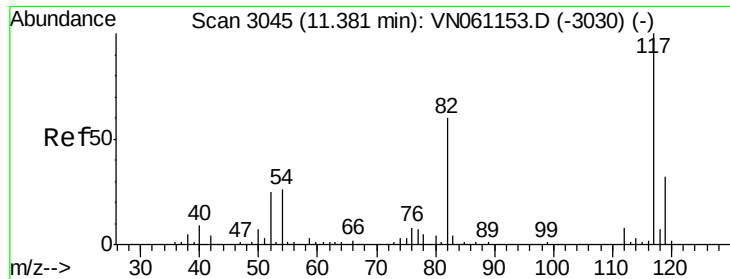
Tot Ion:129 Resp: 23608
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#



#62
 4-Bromofluorobenzene
 Concen: 52.231 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

Tgt Ion: 95 Resp: 78663
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 149.4
 176 70.4 0.0 144.8

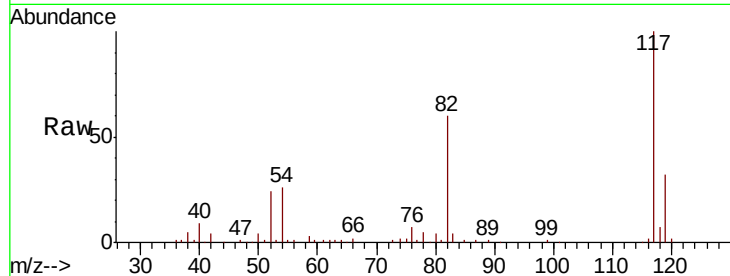




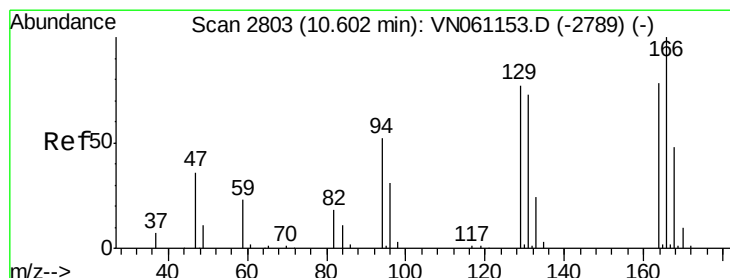
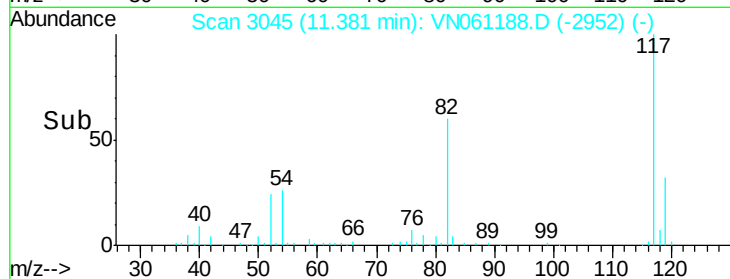
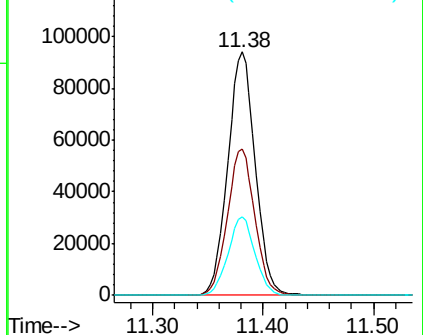
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :
ST008RW256-200423DL

Tot Ion:117 Resp: 162451
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.4 25.8 38.6

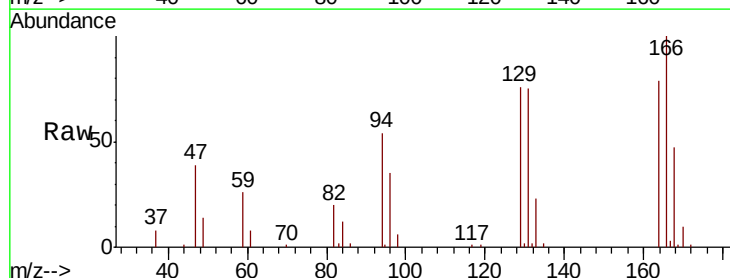


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

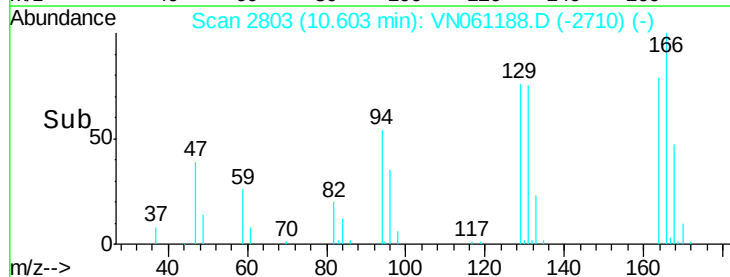
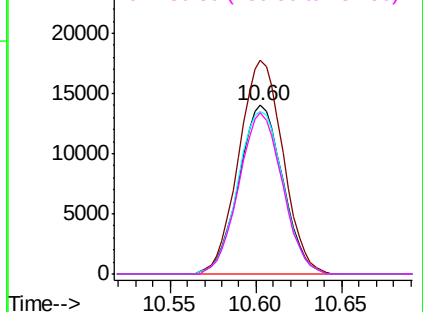


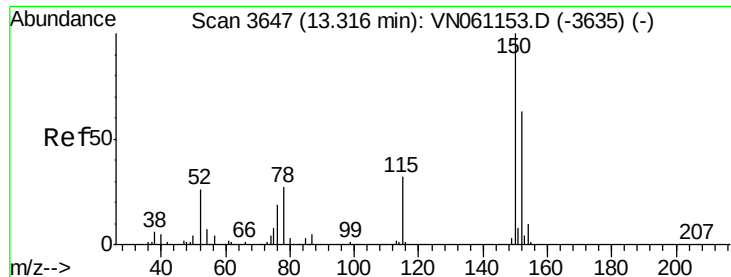
#64
Tetrachloroethene
Concen: 17.682 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

Tgt Ion:164 Resp: 24879
Ion Ratio Lower Upper
164 100
166 126.6 102.0 153.0
129 96.4 78.2 117.2
131 95.2 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# 3647

Delta R.T. 0.00 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

ST008RW256-200423DL

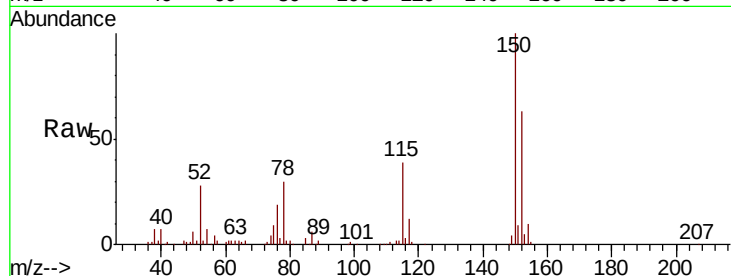
Tot Ion:152 Resp: 73211

Ion Ratio Lower Upper

152 100

115 63.5 31.0 93.0

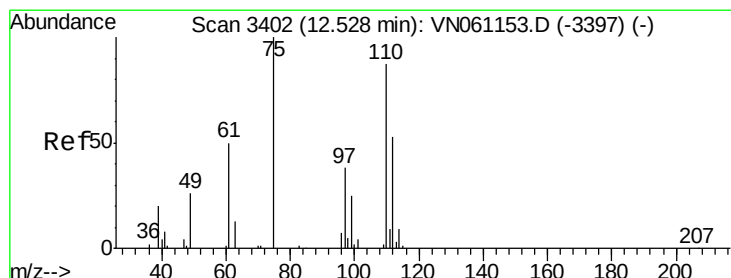
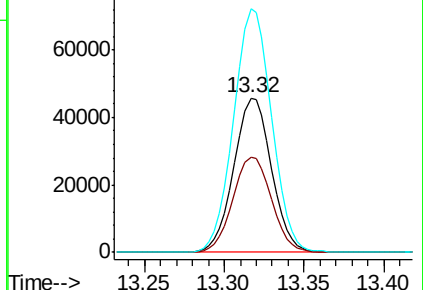
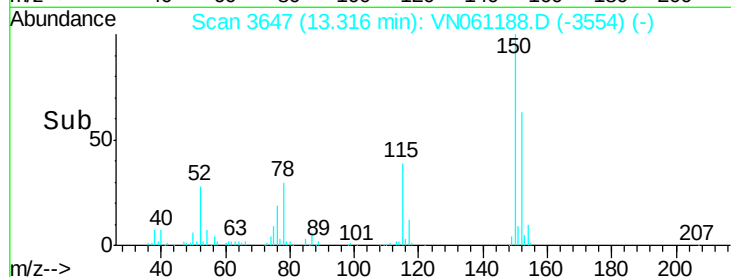
150 159.9 0.0 351.8



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: 28.507 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061188.D

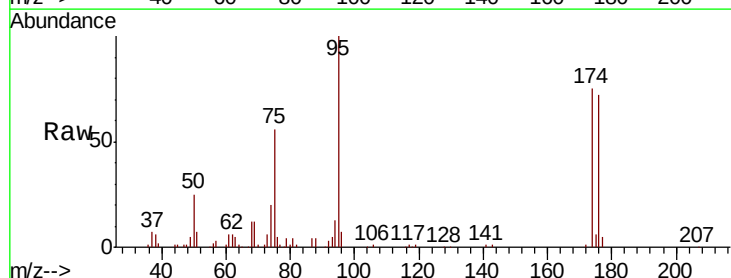
Acq: 29 Apr 2020 13:27

Tgt Ion: 75 Resp: 44000

Ion Ratio Lower Upper

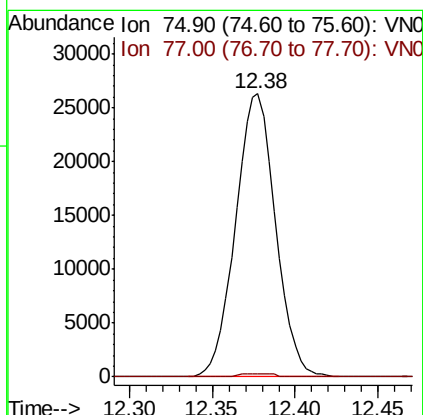
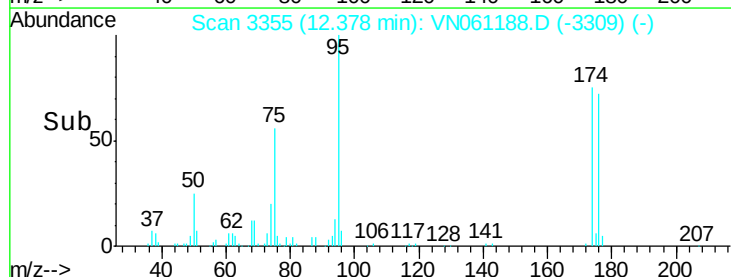
75 100

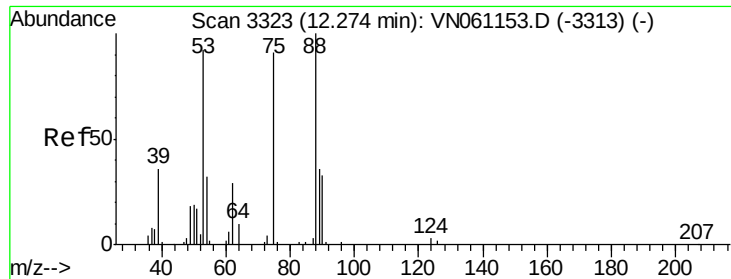
77 1.0 0.0 0.0#



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: 72.393 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061188.D

Acq: 29 Apr 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

ST008RW256-200423DL

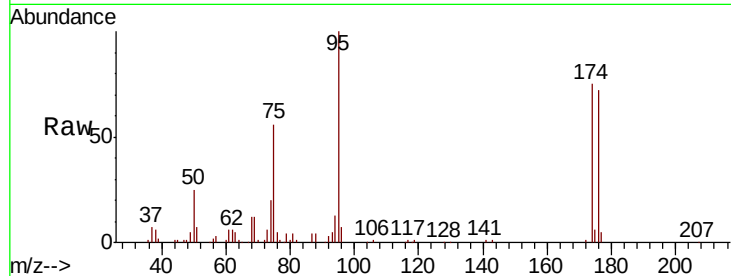
Tot Ion: 75 Resp: 44000

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

