

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 :

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%	

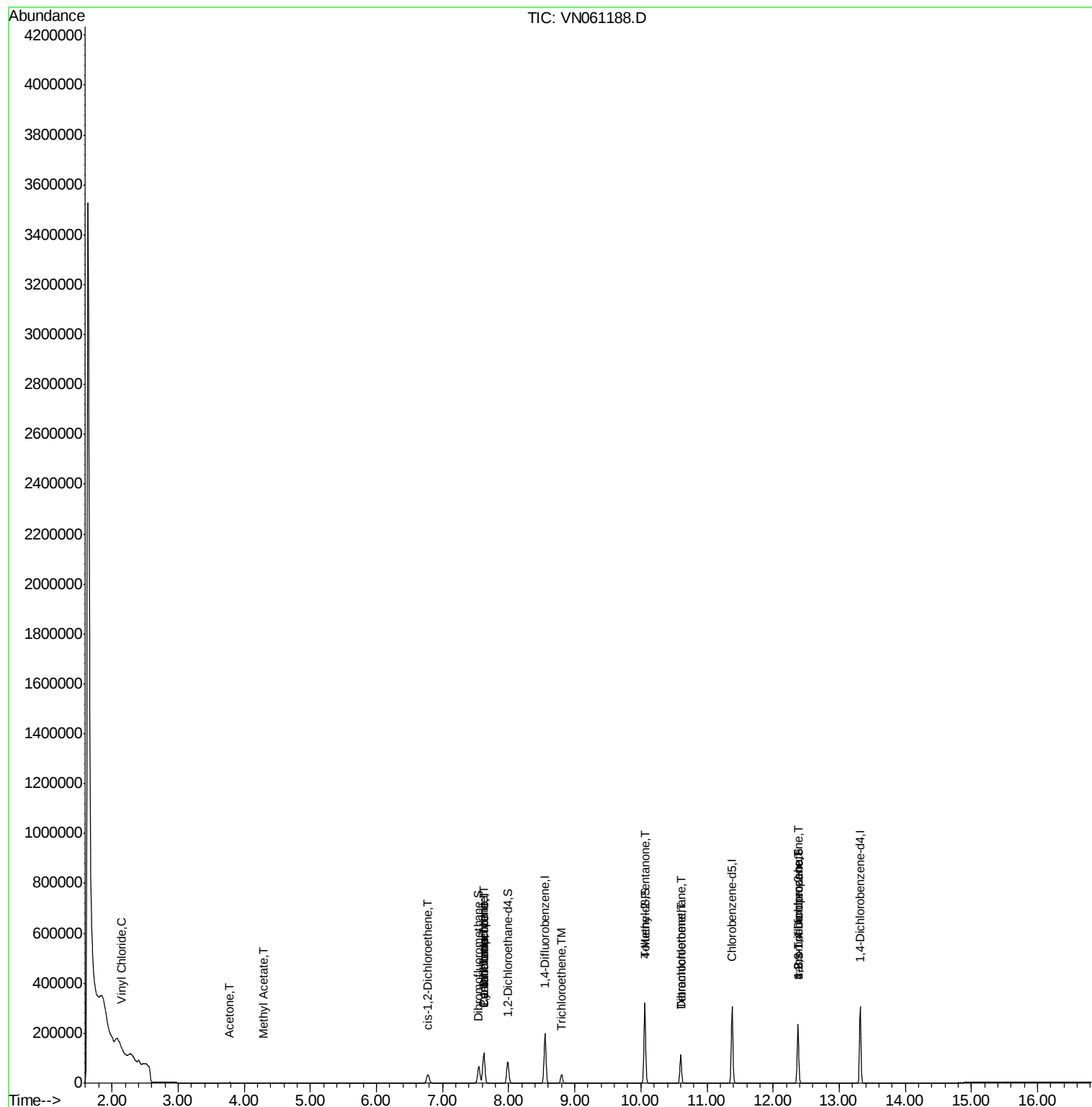
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	867	0.631	ug/l #	87
16) Acetone	3.78	43	3386	0.354	ug/l	94
18) Methyl Acetate	4.30	43	333	0.854	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	19427	15.289	ug/l	87
31) Cyclohexane	7.63	56	2507	1.156	ug/l #	3
36) 1,1-Dichloropropene	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

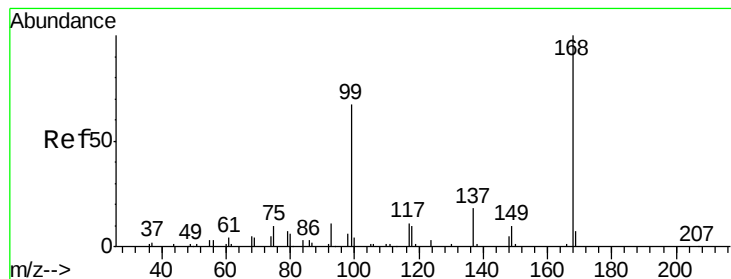
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042920\
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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
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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

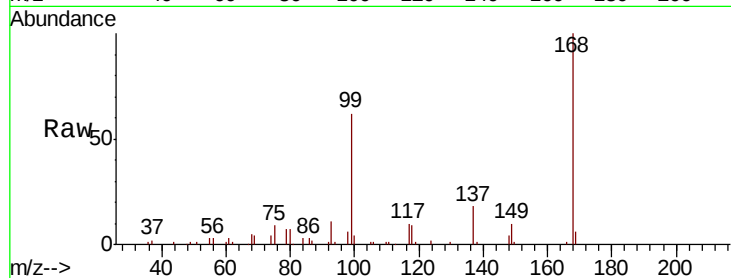
ClientSampleId :

Tot Ion:168 Resp: 94245

Ion Ratio Lower Upper

168 100

99 61.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

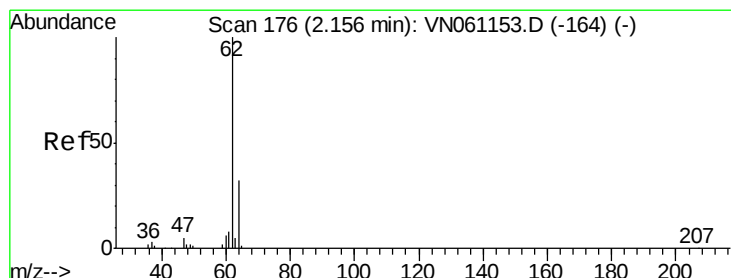
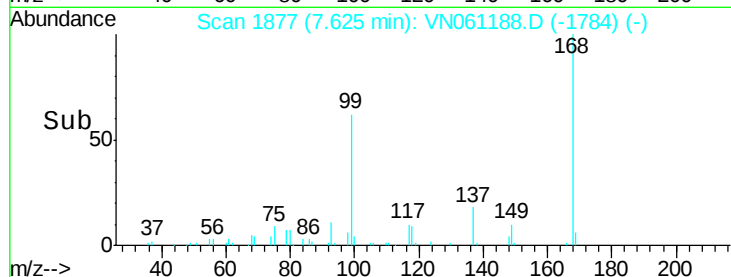
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#4

Vinyl Chloride

Concen: 0.631 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061188.D

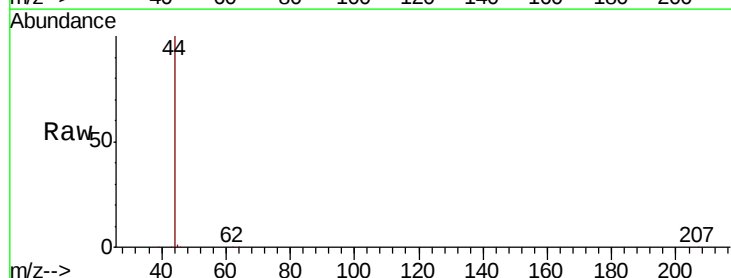
Acq: 29 Apr 2020 13:27

Tgt Ion: 62 Resp: 867

Ion Ratio Lower Upper

62 100

64 38.8 25.2 37.8#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

600

500

400

300

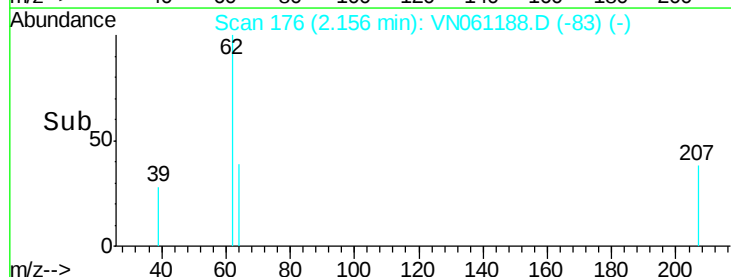
200

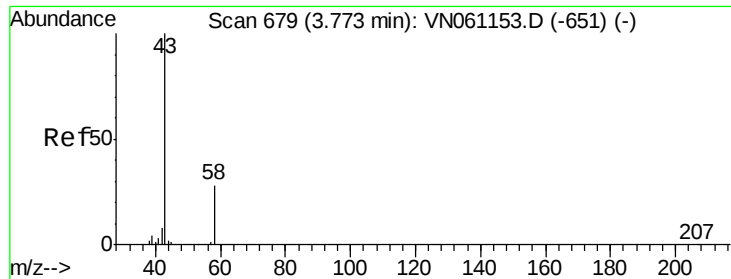
100

0

2.12 2.14 2.16 2.18

Time-->





#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

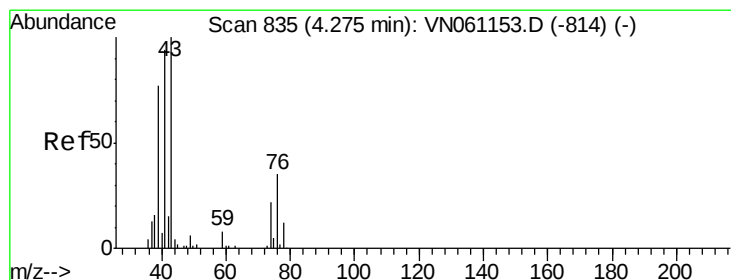
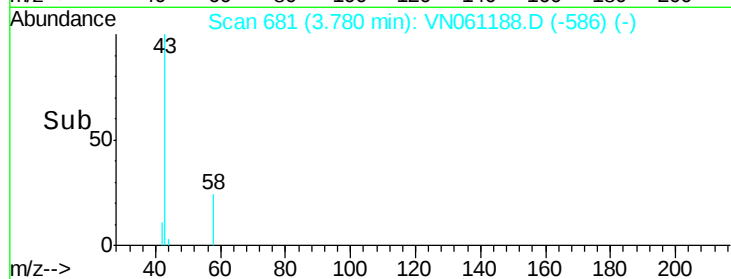
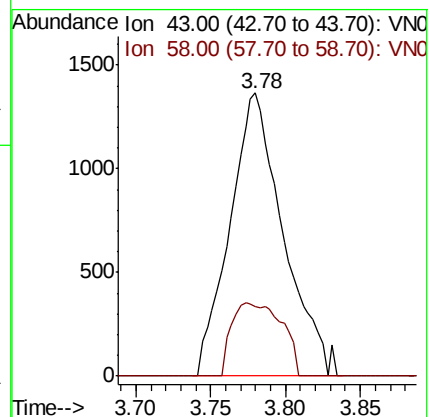
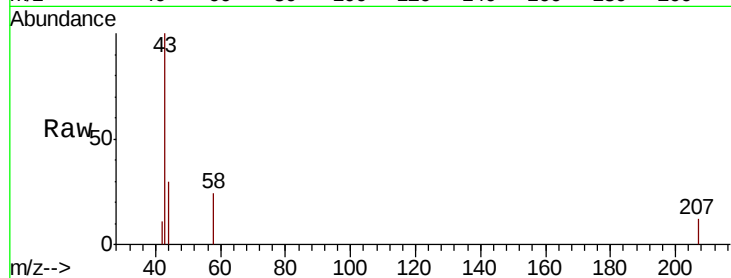
ClientSampled :

Tot Ion: 43 Resp: 3386

Ion Ratio Lower Upper

43 100

58 24.4 22.2 33.2



#18

Methyl Acetate

Concen: 0.854 ug/l

RT: 4.30 min Scan# 842

Delta R.T. 0.02 min

Lab File: VN061188.D

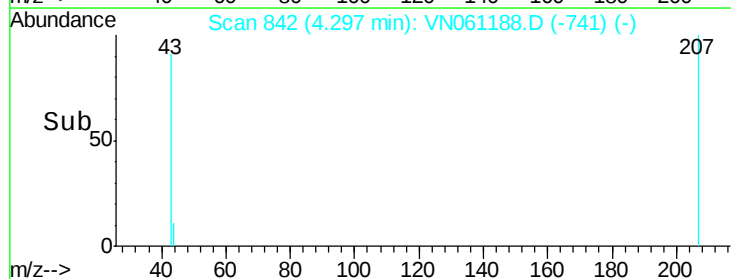
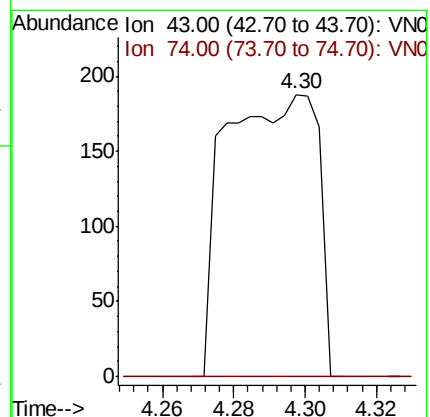
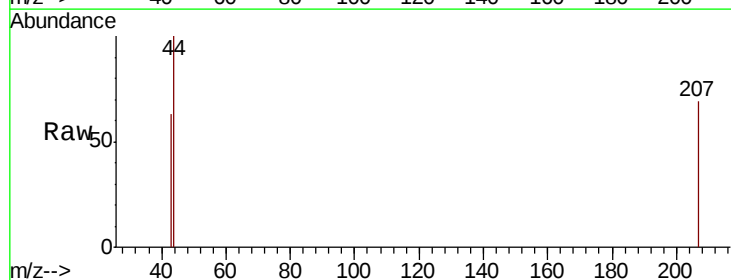
Acq: 29 Apr 2020 13:27

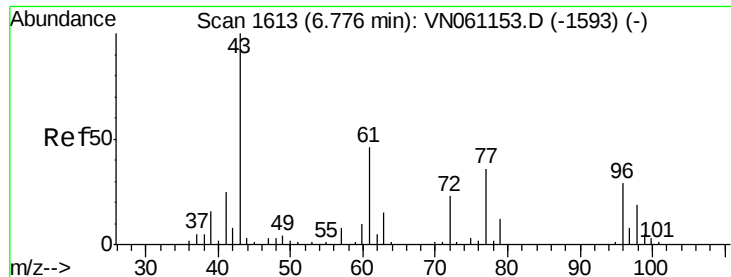
Tgt Ion: 43 Resp: 333

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#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 :
MSVOA_N
ClientSampleId :

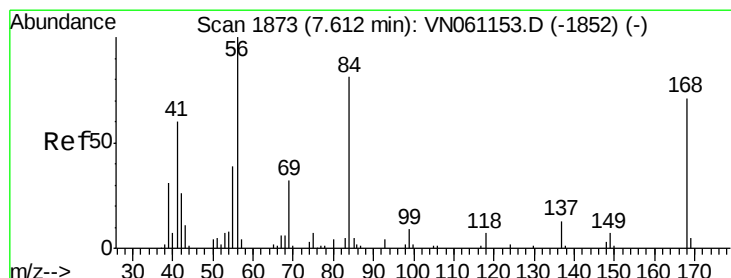
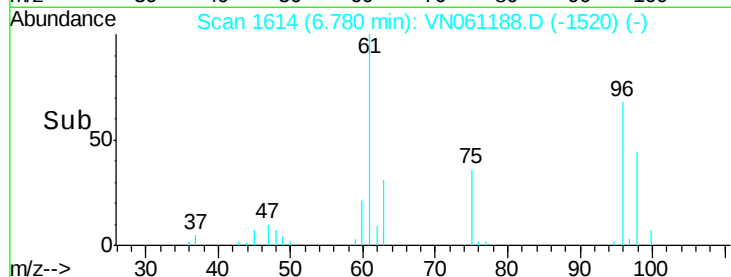
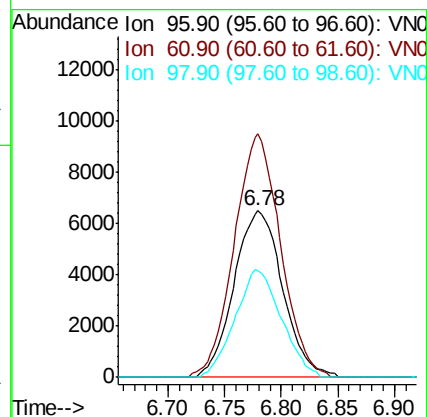
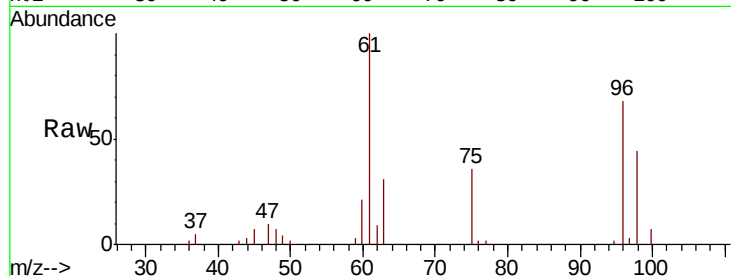
Tot Ion: 96 Resp: 19427

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

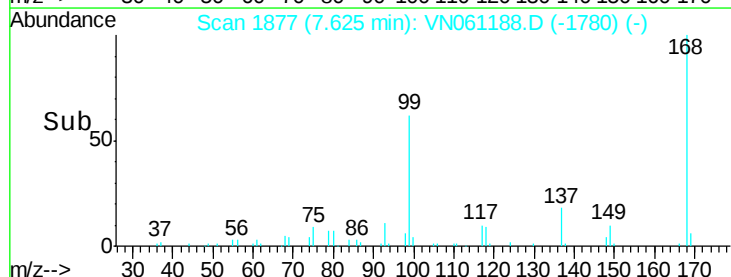
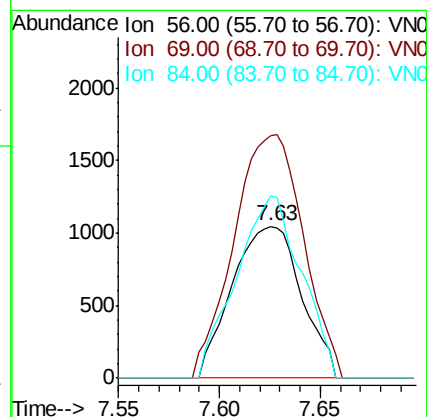
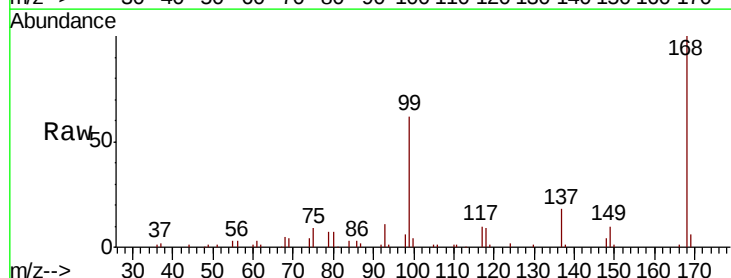
Tgt Ion: 56 Resp: 2507

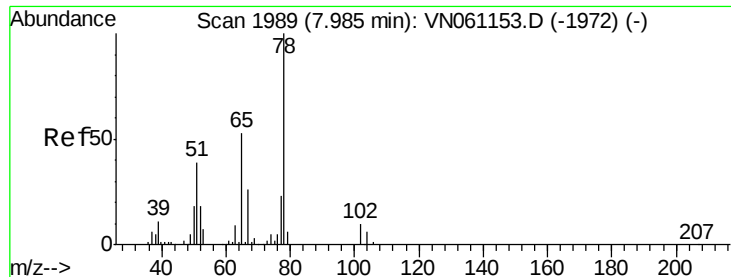
Ion Ratio Lower Upper

56 100

69 159.3 25.7 38.5#

84 120.2 64.6 97.0#

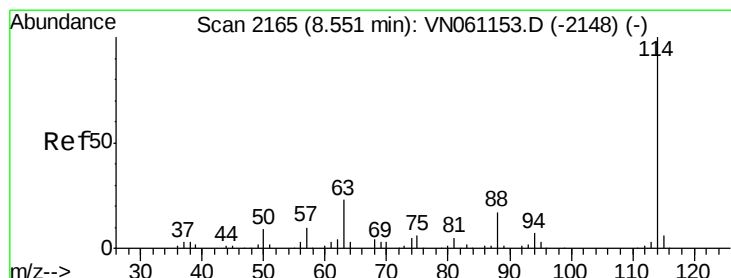
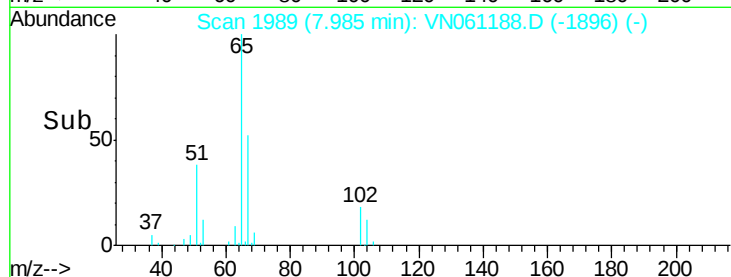
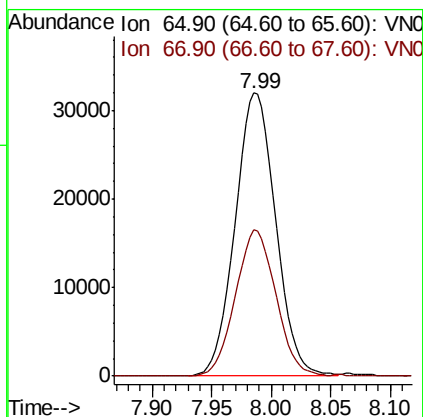
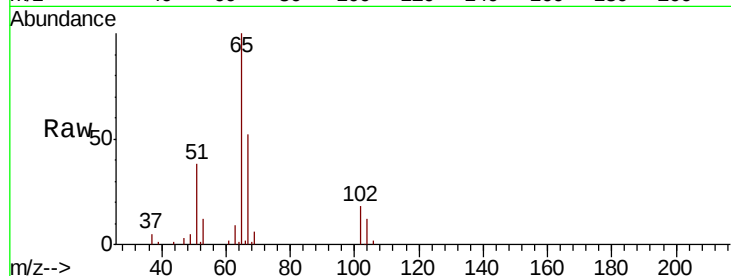




#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

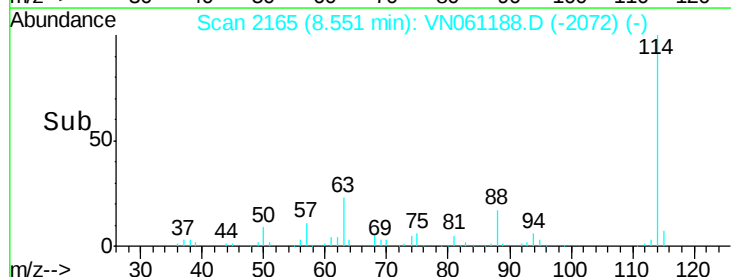
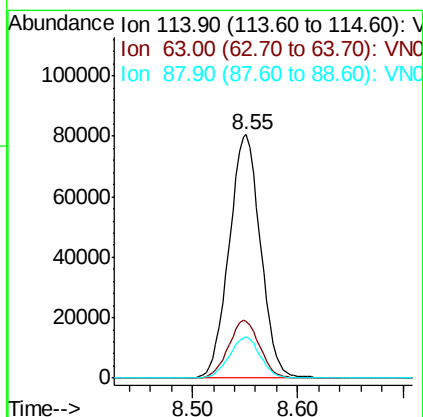
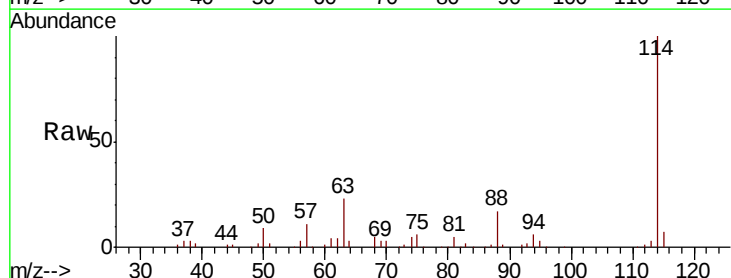
Instrument :
 MSVOA_N
 ClientSampleId :

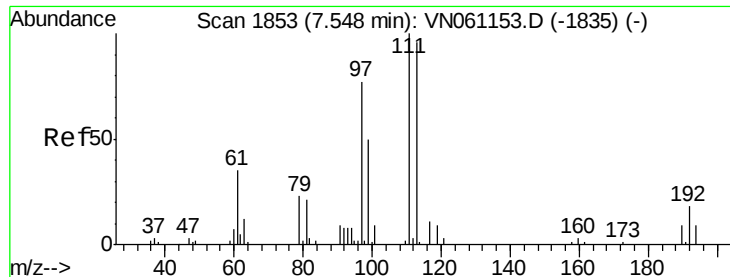
Tot Ion: 65 Resp: 75621
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#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

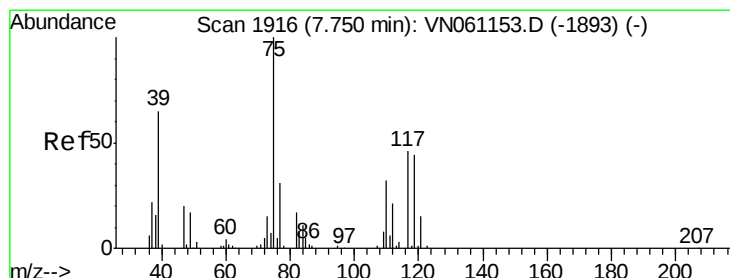
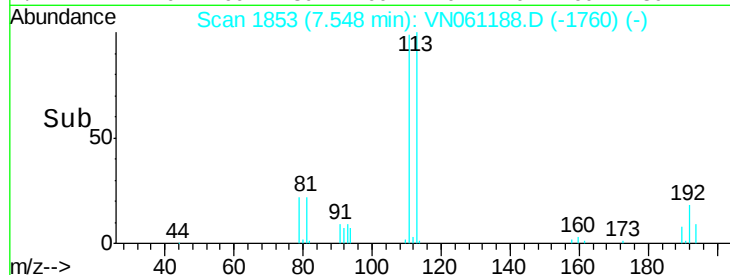
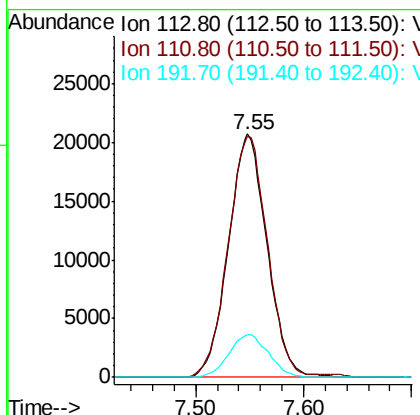
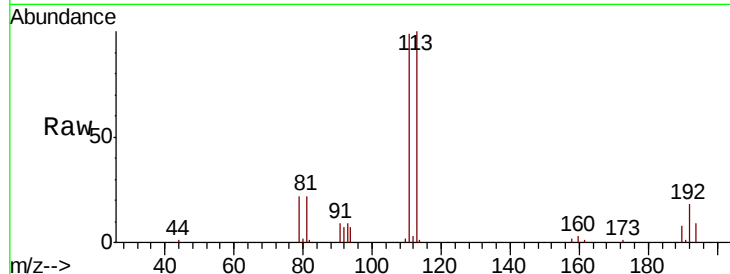




#35
 Dibromofluoromethane
 Concen: 52.302 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

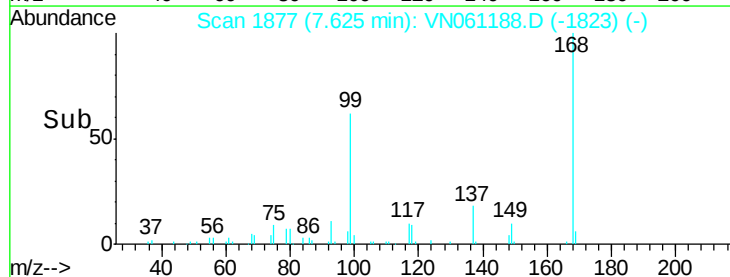
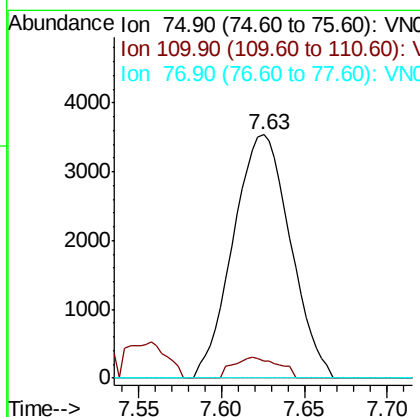
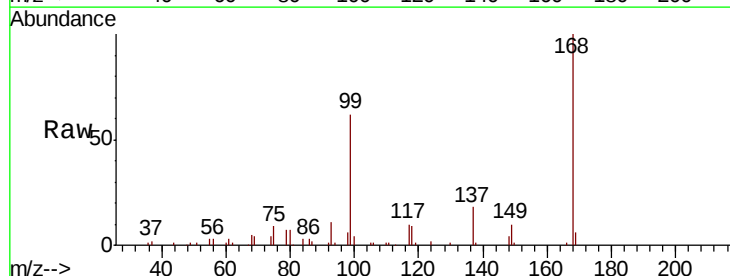
Instrument :
 MSVOA_N
 ClientSampled :

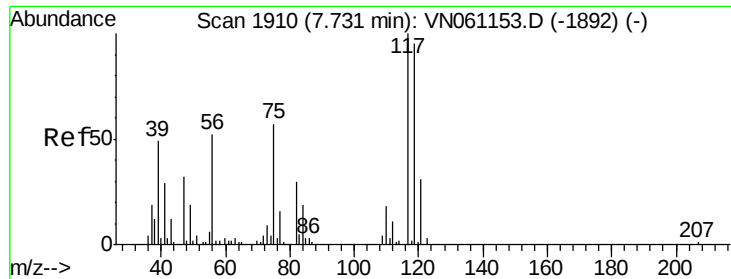
Tot Ion:113 Resp: 51348
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 18.1 14.7 22.1



#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#

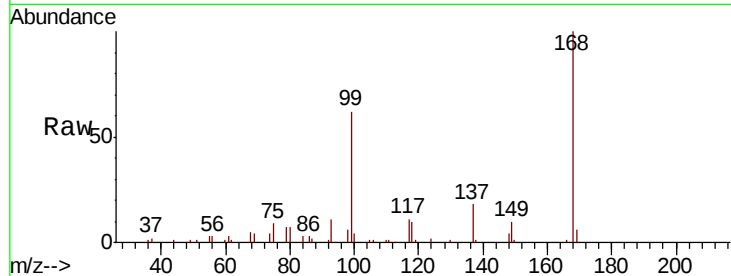




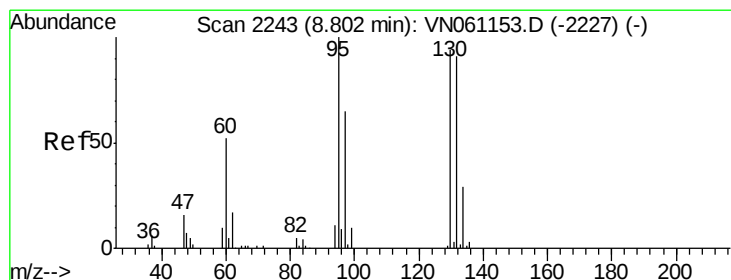
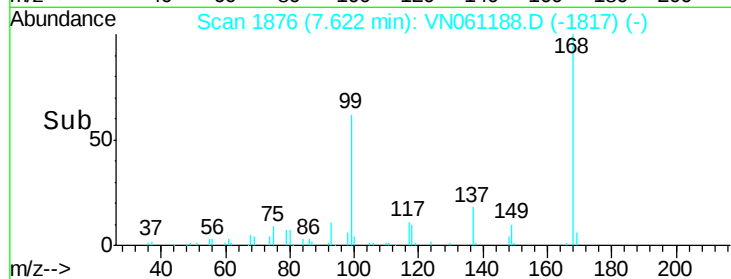
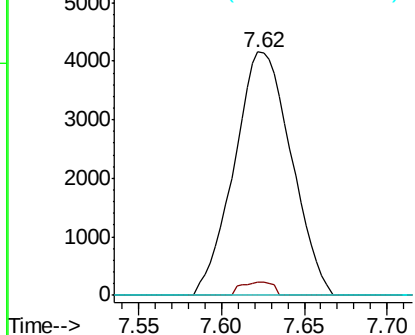
#38
Carbon Tetrachloride
Concen: 8.529 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.11 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

Instrument :
MSVOA_N
ClientSampled :

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#

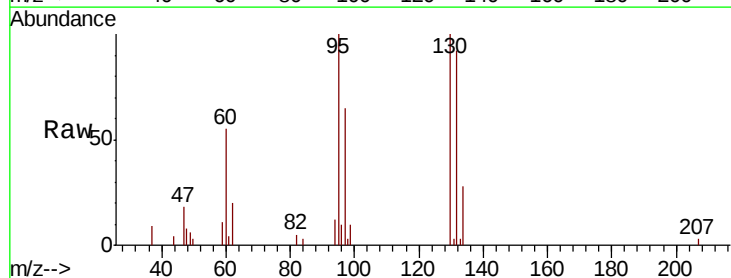


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

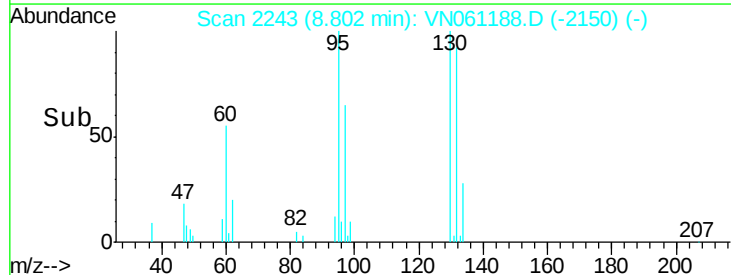
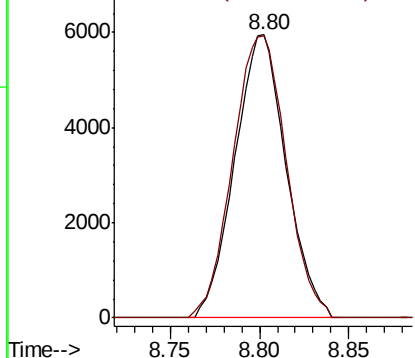


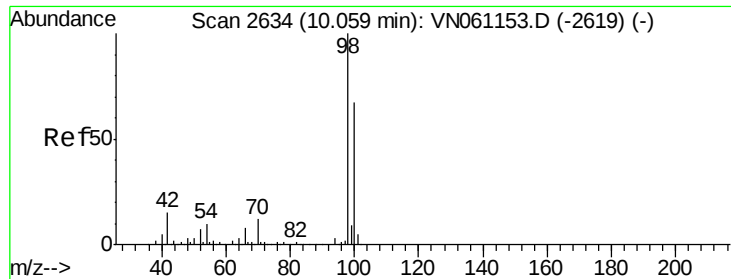
#44
Trichloroethene
Concen: 8.916 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

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): V





#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

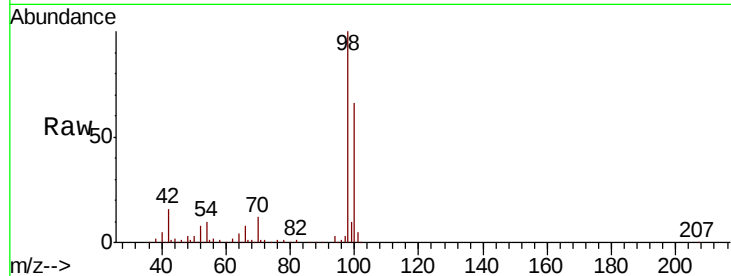
ClientSampled :

Tot Ion: 98 Resp: 207763

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061188.D (-2541) (-)

Ion 100.00 (99.70 to 100.70): VN061188.D (-2541) (-)

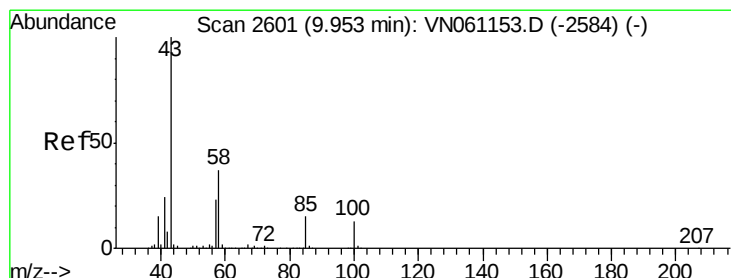
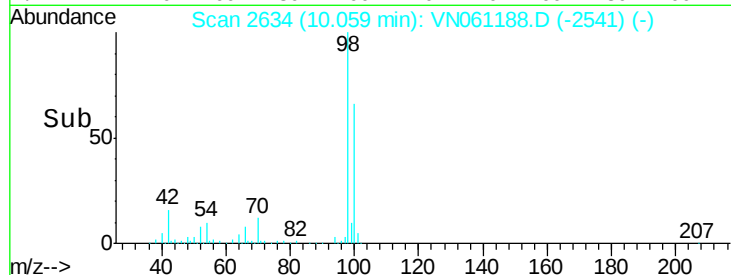
10.06

100000

50000

0

Time-->



#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

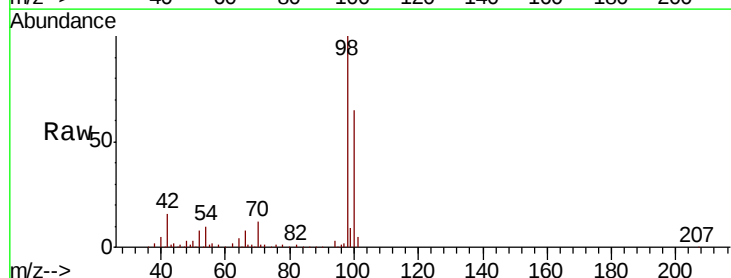
Acq: 29 Apr 2020 13:27

Tgt Ion: 43 Resp: 1089

Ion Ratio Lower Upper

43 100

58 180.4 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061188.D (-2508) (-)

Ion 58.00 (57.70 to 58.70): VN061188.D (-2508) (-)

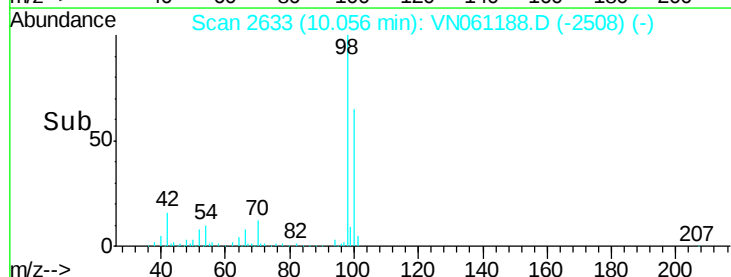
10.06

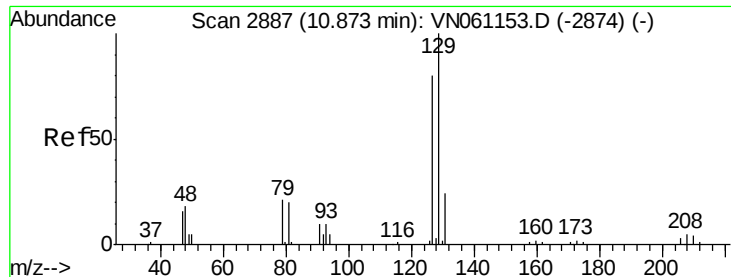
1000

500

0

Time-->

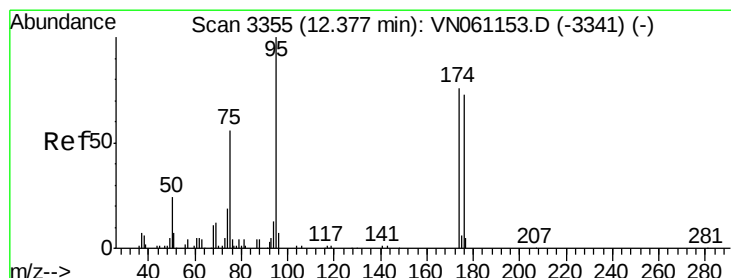
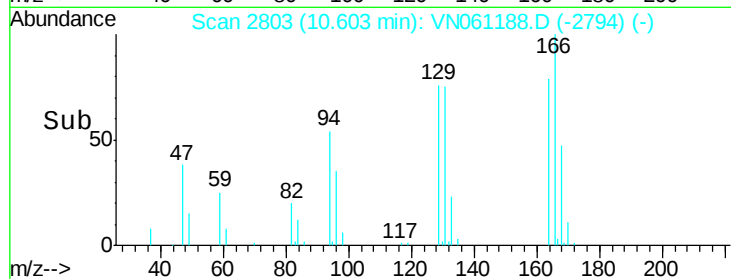
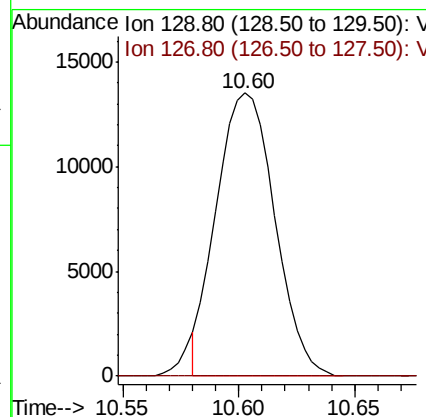
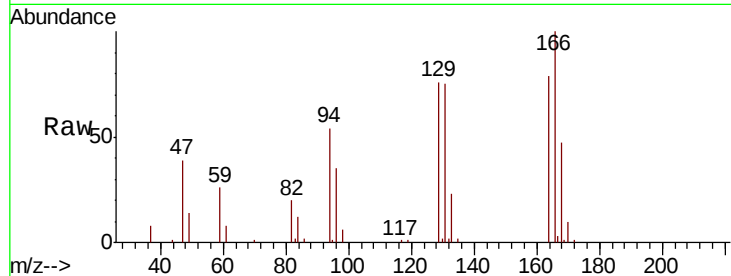




#60
 Dibromochloromethane
 Concen: 18.948 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. -0.27 min
 Lab File: VN061188.D
 Acq: 29 Apr 2020 13:27

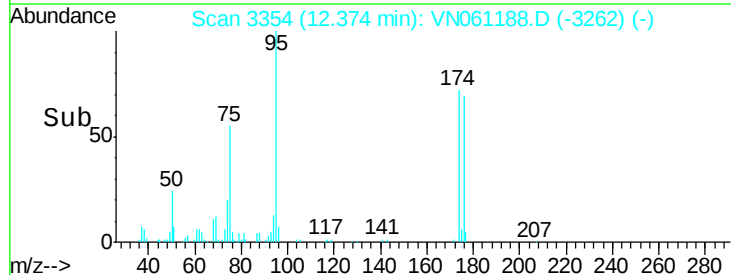
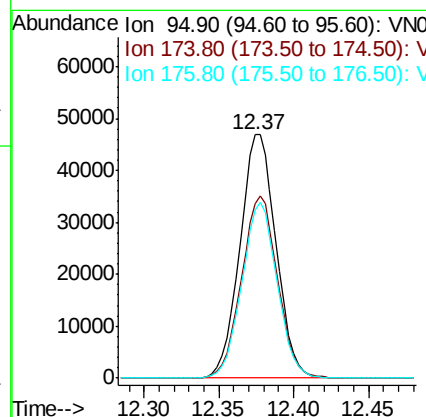
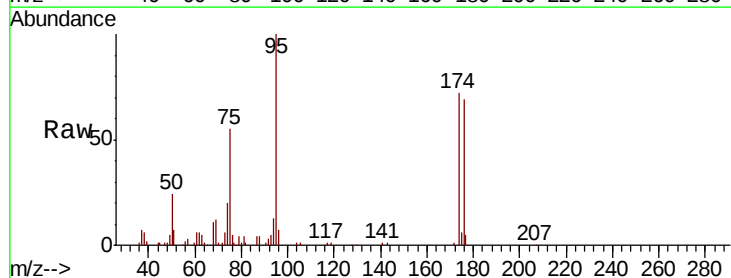
Instrument :
 MSVOA_N
 ClientSampleId :

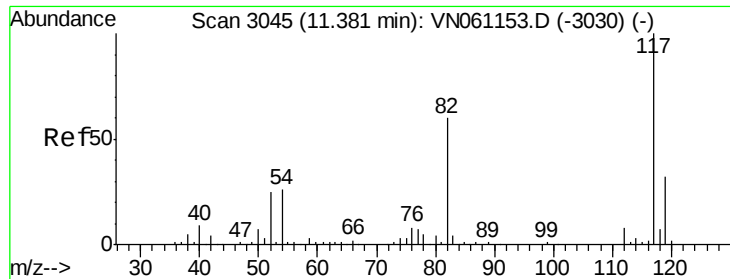
Tot Ion:129 Resp: 23608
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#



#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

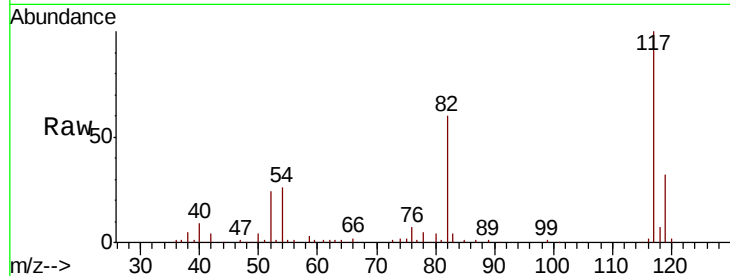




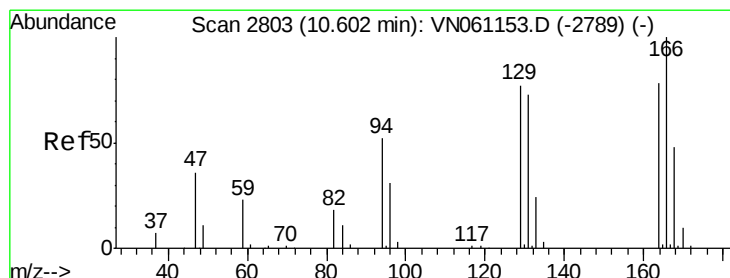
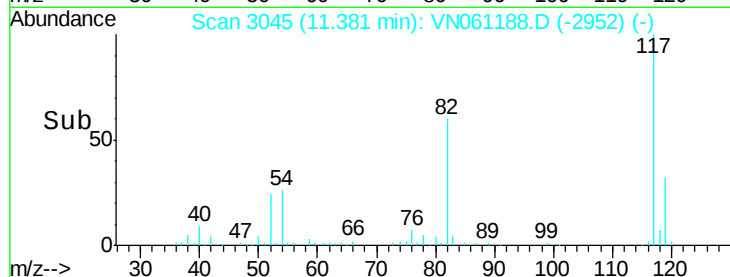
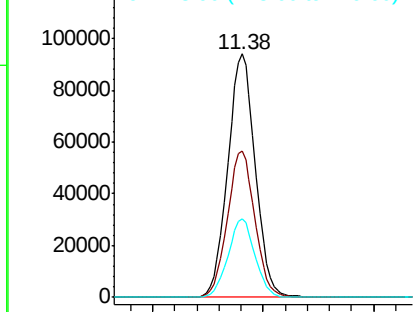
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :

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

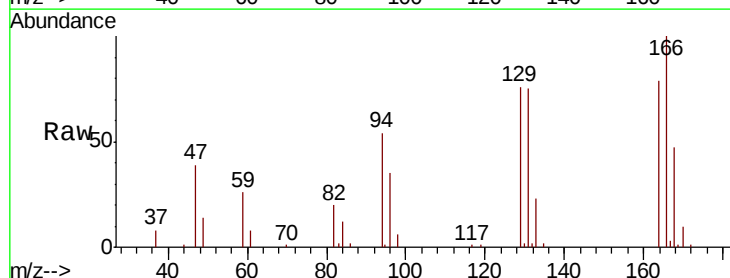


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

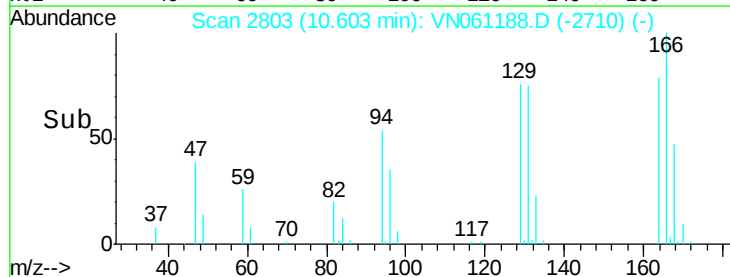
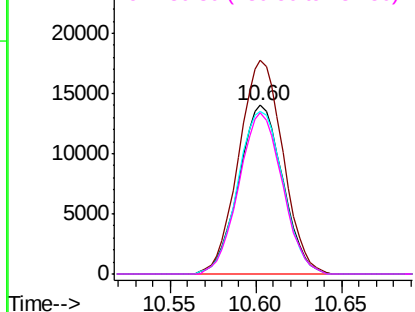


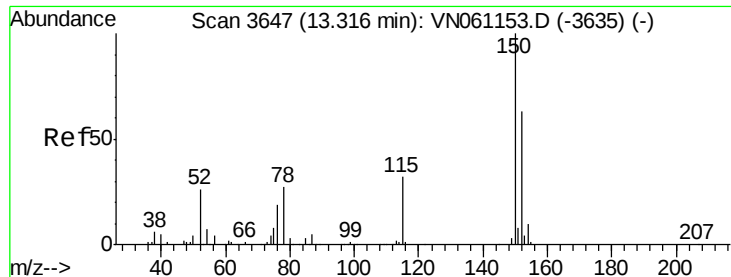
#64
Tetrachloroethene
Concen: 17.682 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061188.D
Acq: 29 Apr 2020 13:27

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

ClientSampled :

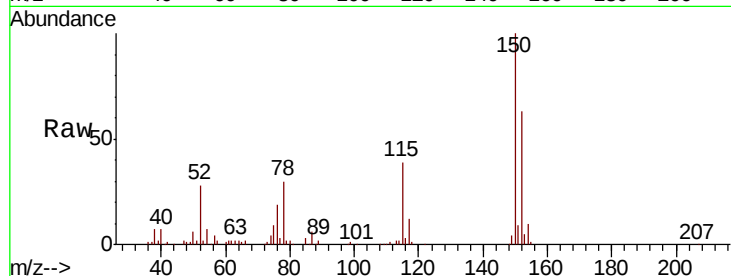
Tot Ion:152 Resp: 73211

Ion Ratio Lower Upper

152 100

115 63.5 31.0 93.0

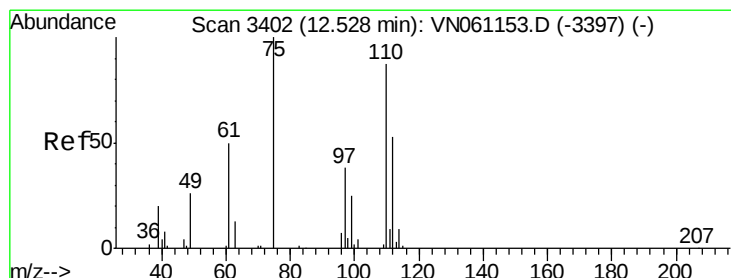
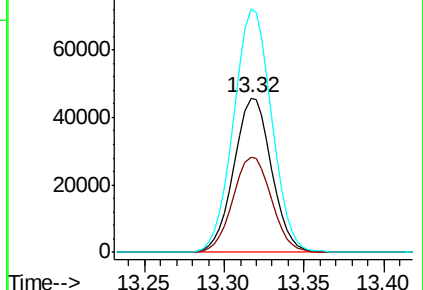
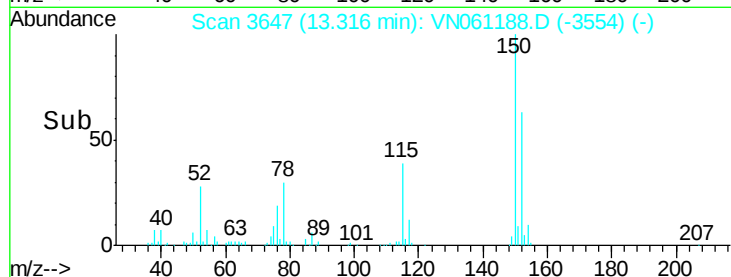
150 159.9 0.0 351.8



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

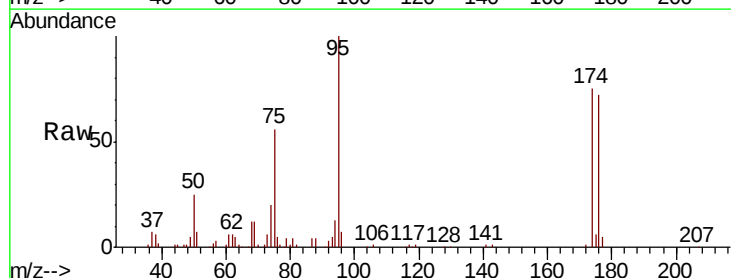
Acq: 29 Apr 2020 13:27

Tgt Ion: 75 Resp: 44000

Ion Ratio Lower Upper

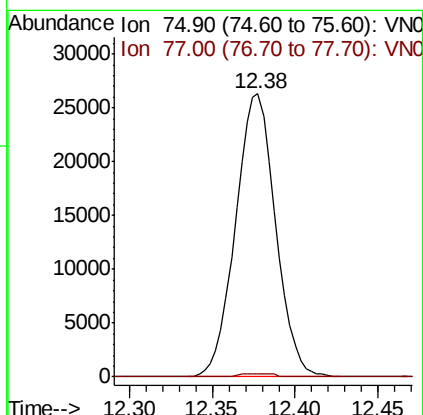
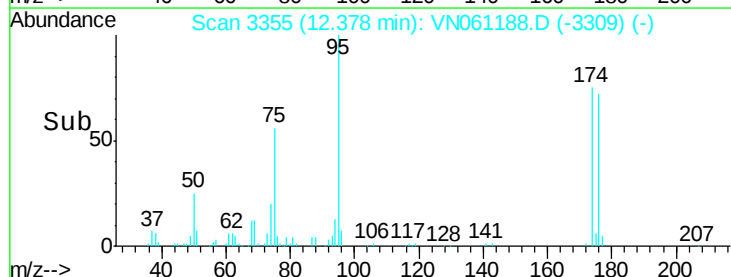
75 100

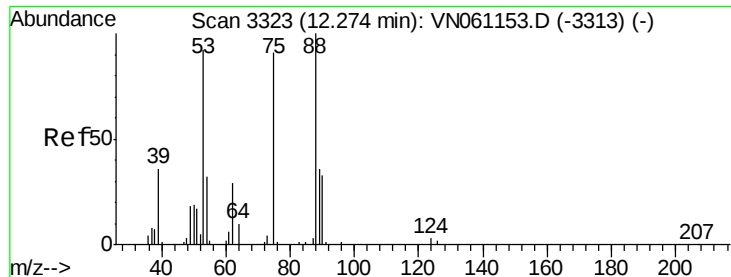
77 1.0 0.0 0.0#



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 :

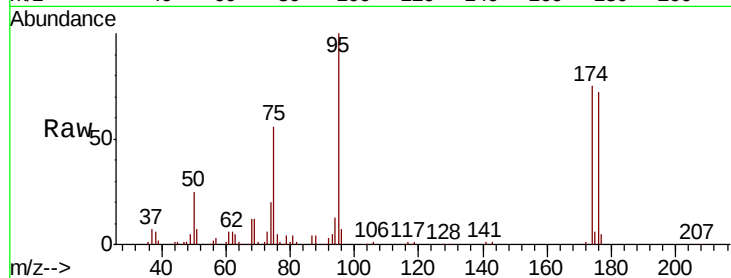
Tot Ion: 75 Resp: 44000

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

