

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061111.D
 Acq On : 20 Apr 2020 18:53
 Operator : JC/MD
 Sample : L2330-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-TWP-2

Quant Time: Apr 21 04:01:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	244532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98404	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
35) Dibromofluoromethane	7.56	113	73591	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	10.08	98	304945	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.40	95	112294	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

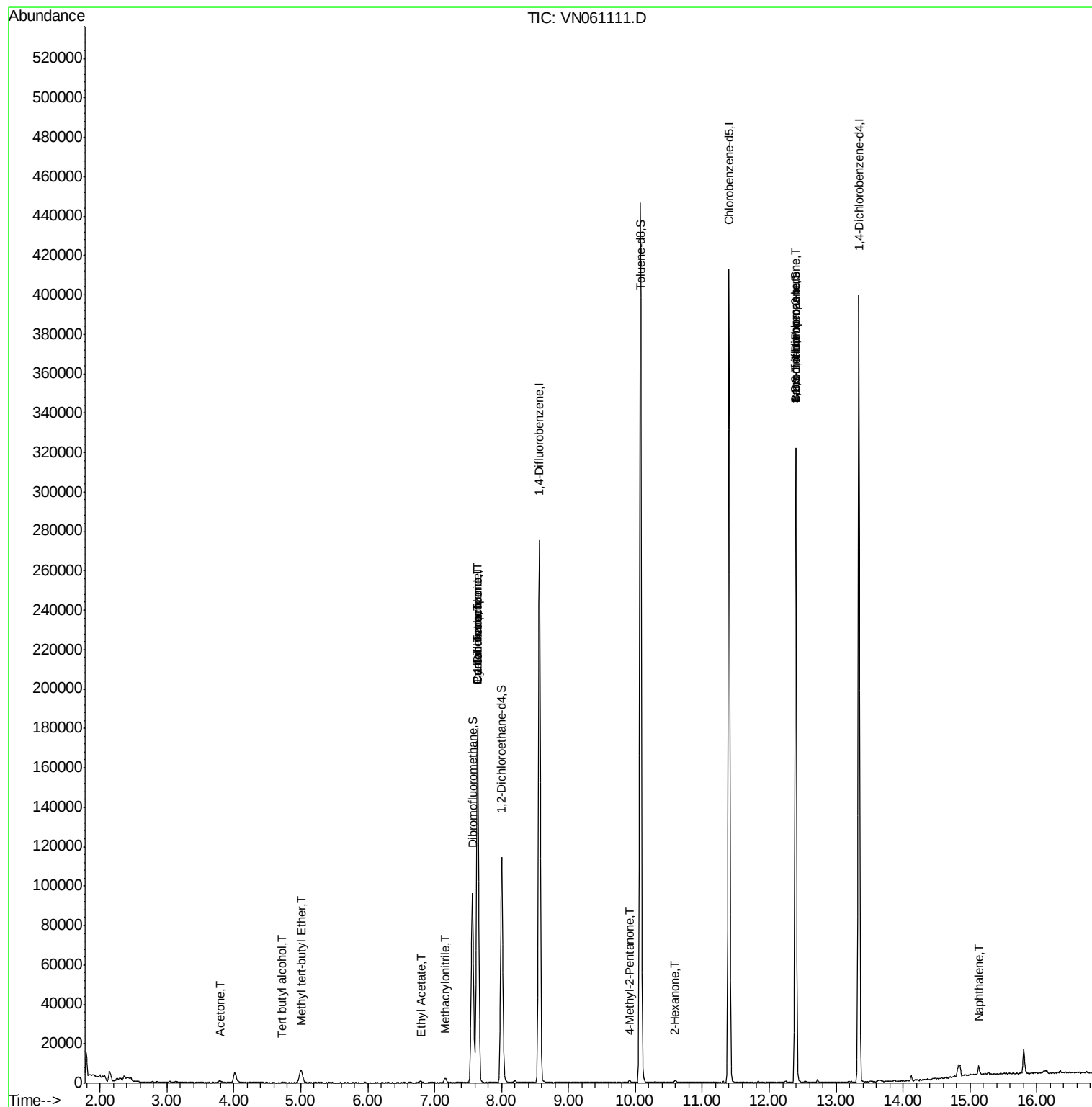
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	523	1.599	ug/l #	73
16) Acetone	3.79	43	2180	2.686	ug/l #	87
19) Methyl tert-butyl Ether	5.00	73	11625	2.114	ug/l	99
31) Cyclohexane	7.64	56	3115	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11697	4.635	ug/l #	49
37) Ethyl Acetate	6.81	43	681	0.249	ug/l #	69
38) Carbon Tetrachloride	7.64	117	14267	6.793	ug/l #	15
41) Methacrylonitrile	7.16	41	398	0.348	ug/l #	100
51) 4-Methyl-2-Pentanone	9.91	43	956	0.372	ug/l #	37
59) 2-Hexanone	10.59	43	919	0.496	ug/l #	46
71) Bromoform	12.39	173	592	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	57917	25.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57917	63.138	ug/l #	12
95) Naphthalene	15.13	128	4317	0.764	ug/l #	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
Data File : VN061111.D
Acq On : 20 Apr 2020 18:53
Operator : JC/MD
Sample : L2330-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WB-TWP-2

Quant Time: Apr 21 04:01:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

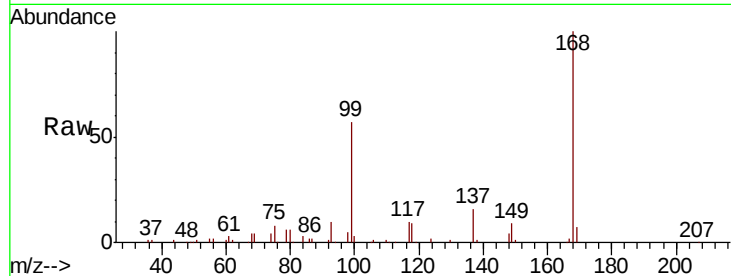
WB-TWP-2

Tot Ion:168 Resp: 144122

Ion Ratio Lower Upper

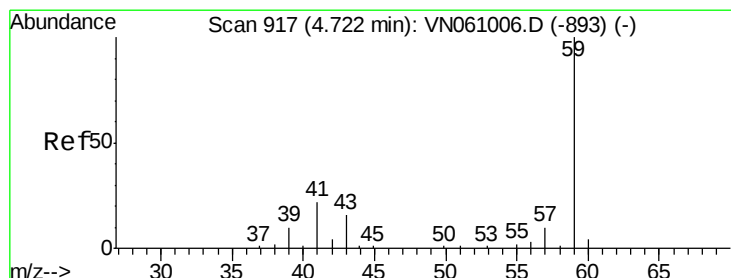
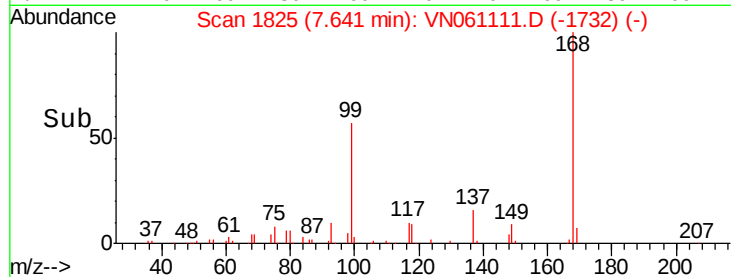
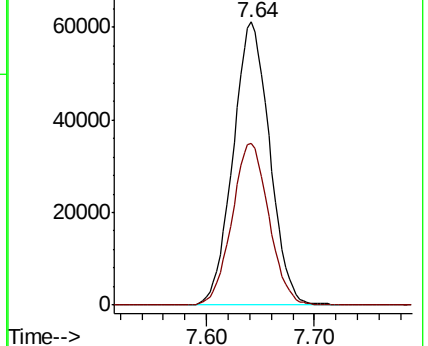
168 100

99 57.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.599 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.00 min

Lab File: VN061111.D

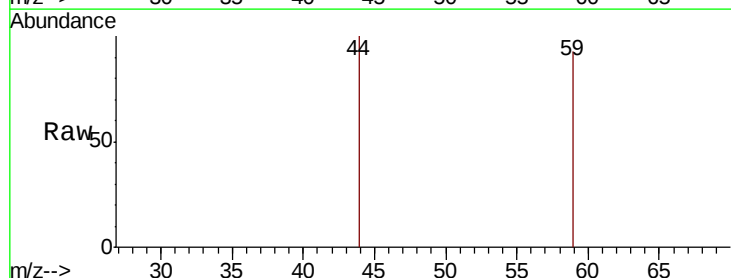
Acq: 20 Apr 2020 18:53

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

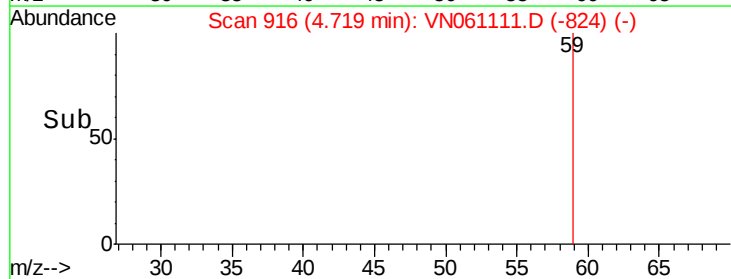
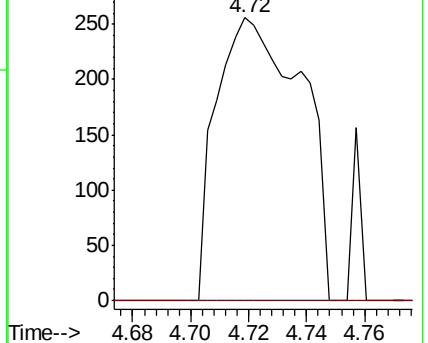
59 100

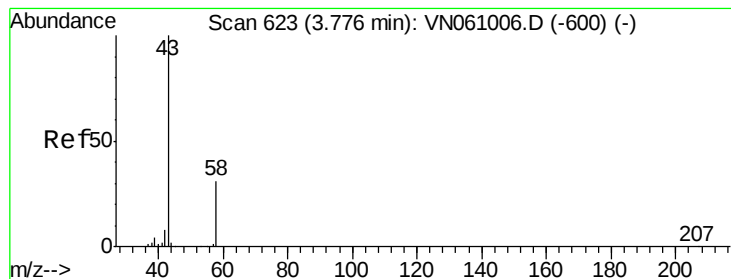
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 2.686 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

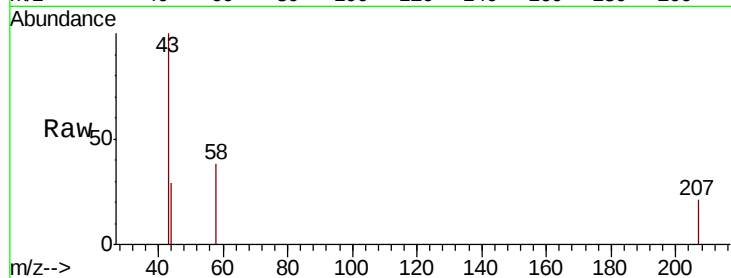
WB-TWP-2

Tot Ion: 43 Resp: 2180

Ion Ratio Lower Upper

43 100

58 38.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.79

800

600

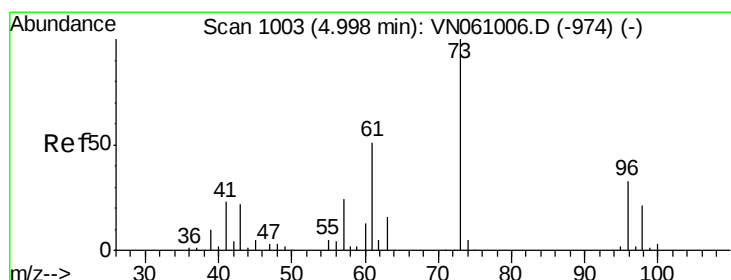
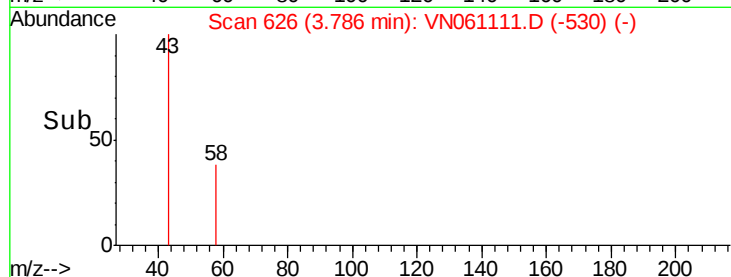
400

200

0

3.75 3.80 3.85

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.114 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: VN061111.D

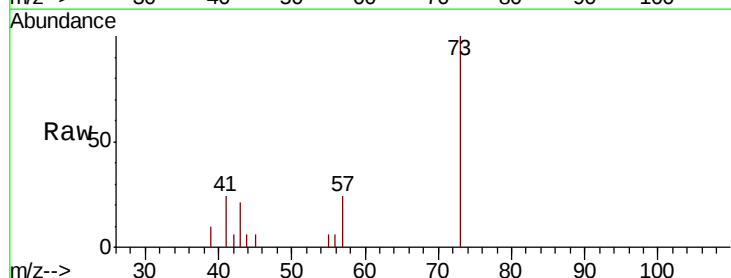
Acq: 20 Apr 2020 18:53

Tgt Ion: 73 Resp: 11625

Ion Ratio Lower Upper

73 100

57 24.3 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VN061006.D (-974) (-)

Ion 57.00 (56.70 to 57.70): VN061006.D (-974) (-)

5.00

3000

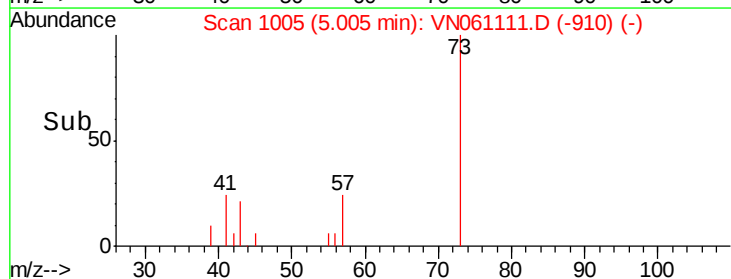
2000

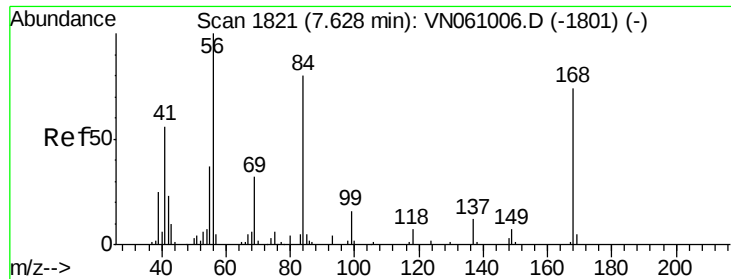
1000

0

4.90 5.00 5.10

Time-->





#31

Cyclohexane

Concen: 0.907 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampled :

WB-TWP-2

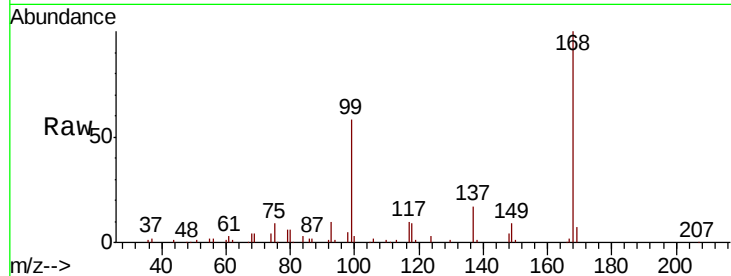
Tot Ion: 56 Resp: 3115

Ion Ratio Lower Upper

56 100

69 164.1 25.6 38.4#

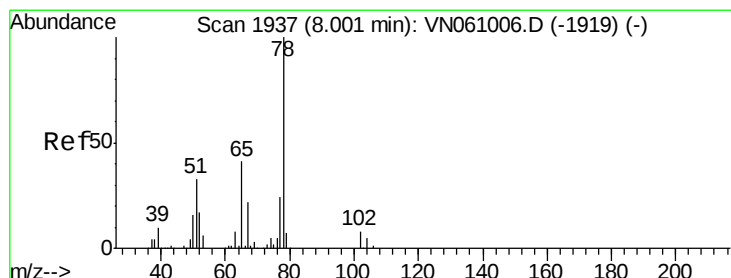
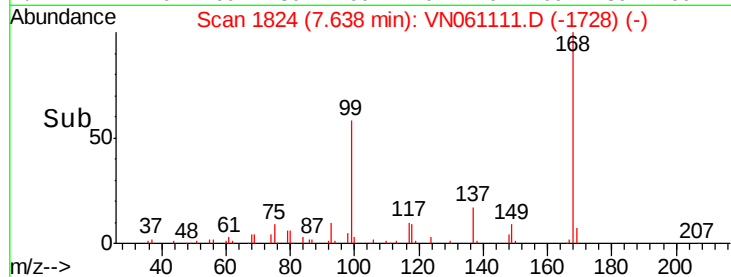
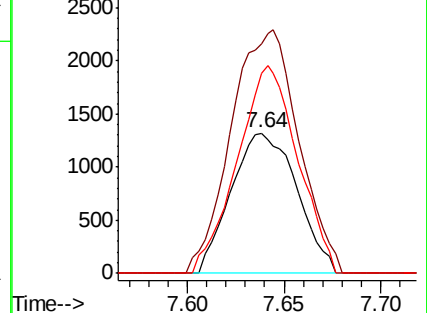
84 142.9 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061111.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061111.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061111.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.366 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061111.D

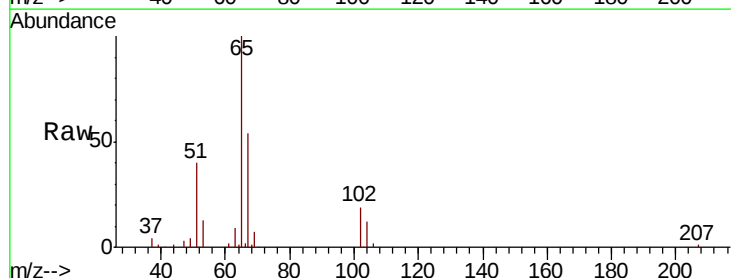
Acq: 20 Apr 2020 18:53

Tgt Ion: 65 Resp: 98404

Ion Ratio Lower Upper

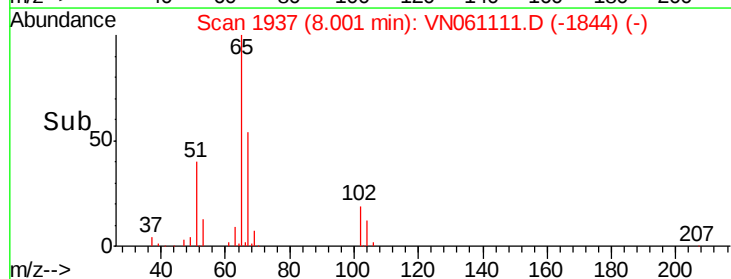
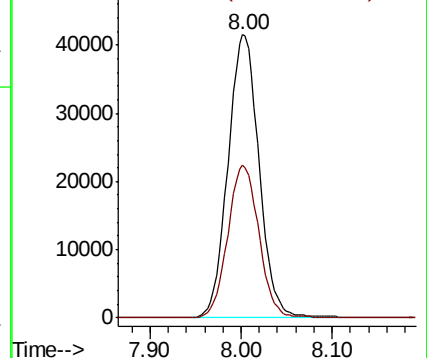
65 100

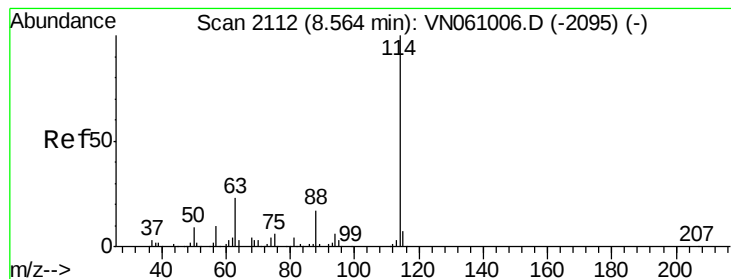
67 54.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061111.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061111.D (-1844) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

WB-TWP-2

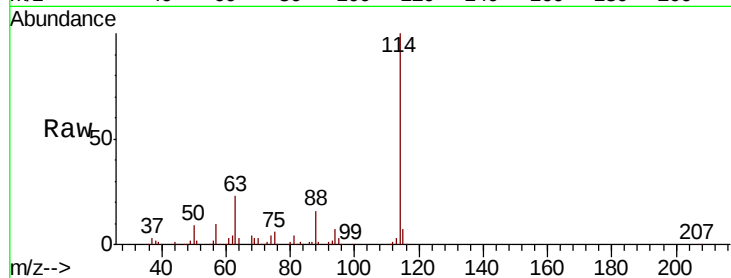
Tot Ion:114 Resp: 244532

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

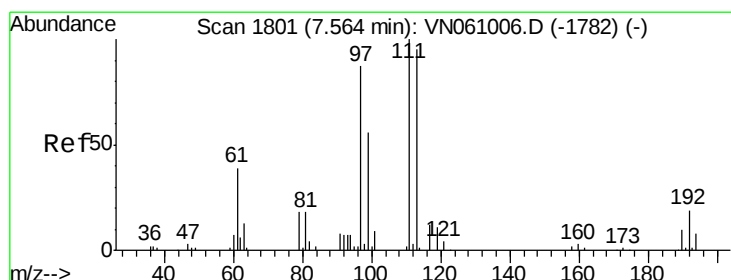
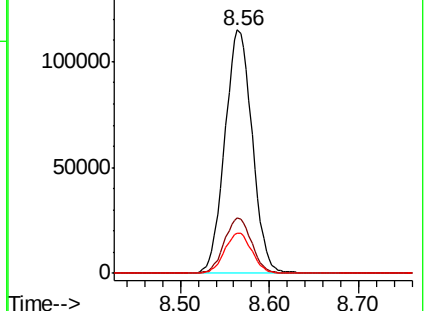
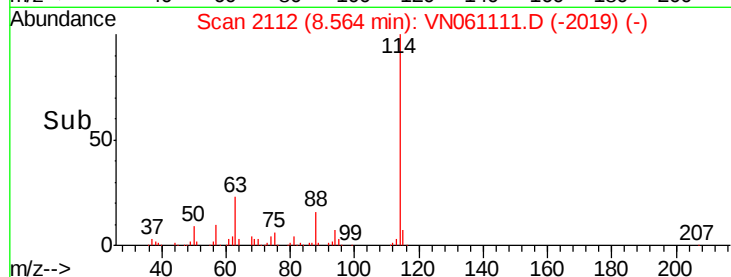
88 16.4 0.0 33.4



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: 51.533 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

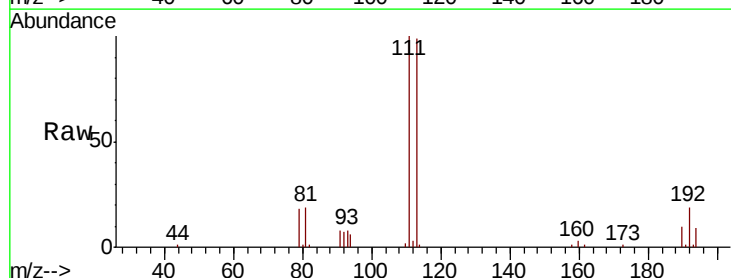
Tgt Ion:113 Resp: 73591

Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

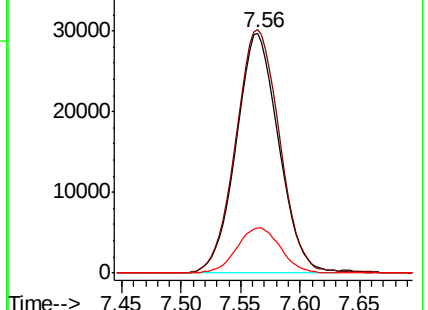
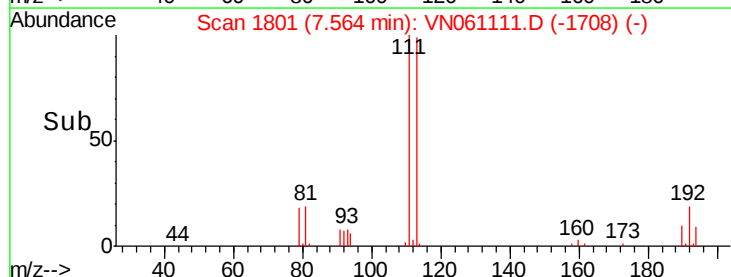
192 19.4 15.5 23.3

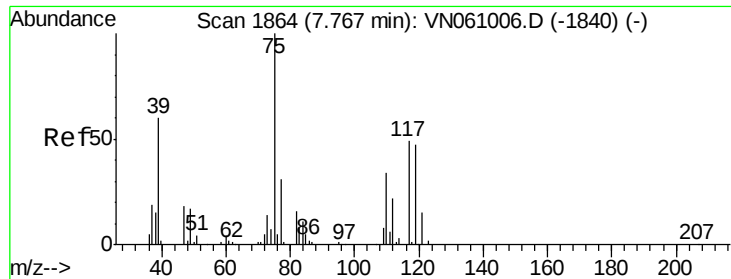


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

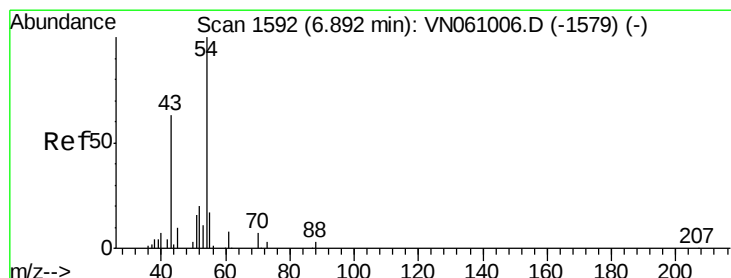
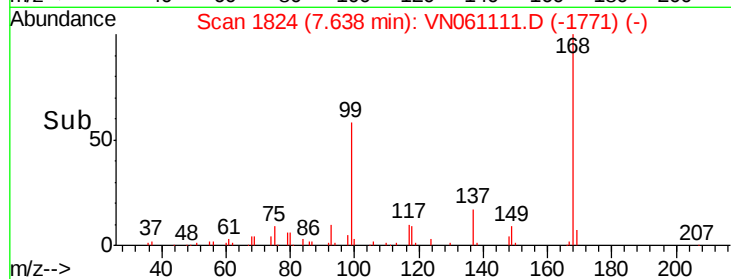
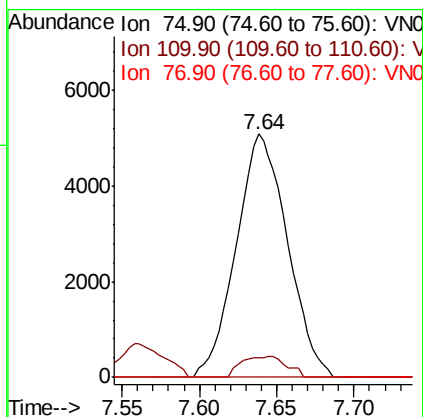
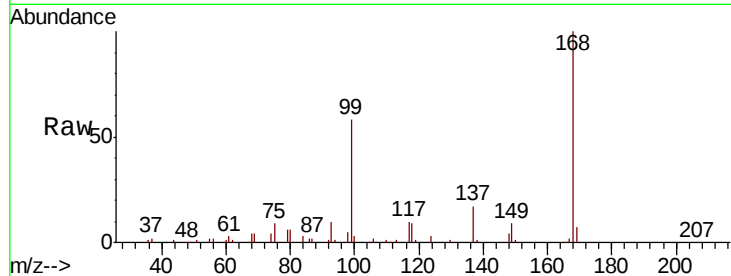




#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061111.D
 Acq: 20 Apr 2020 18:53

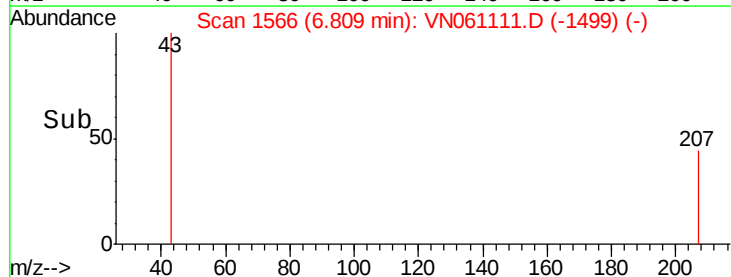
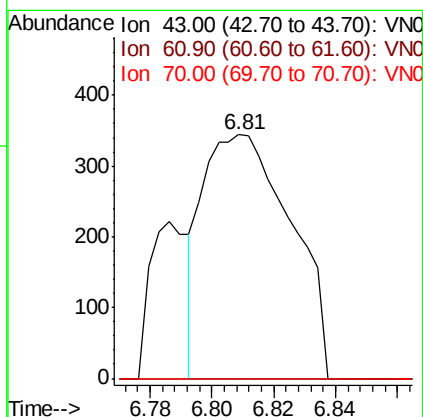
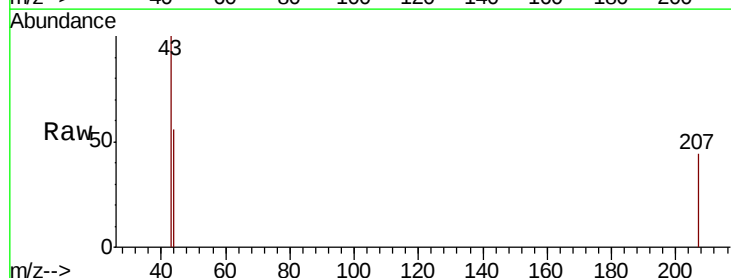
Instrument :
 MSVOA_N
 ClientSampleId :
 WB-TWP-2

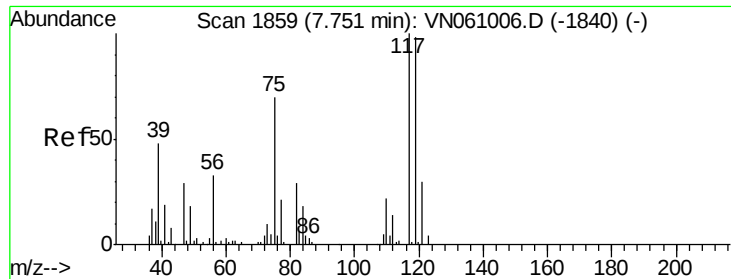
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.8	50.3#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 0.249 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.08 min
 Lab File: VN061111.D
 Acq: 20 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 6.793 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

WB-TWP-2

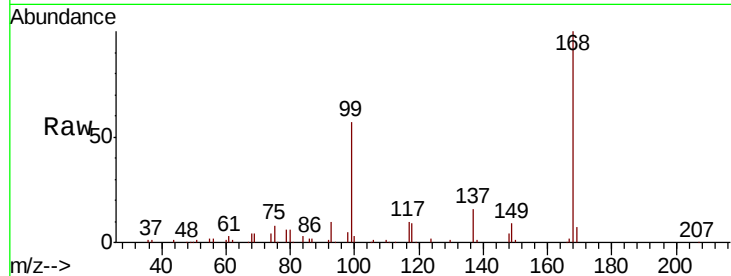
Tot Ion:117 Resp: 14267

Ion Ratio Lower Upper

117 100

119 4.9 78.1 117.1#

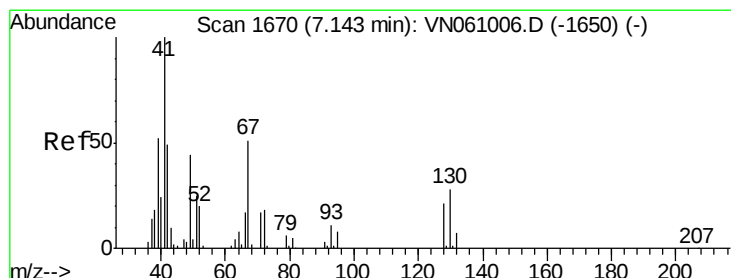
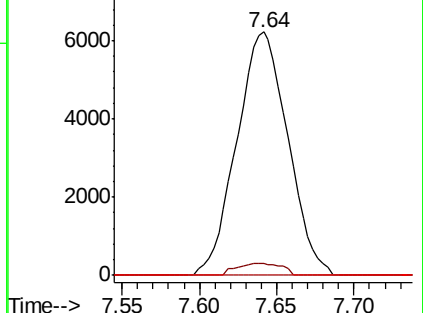
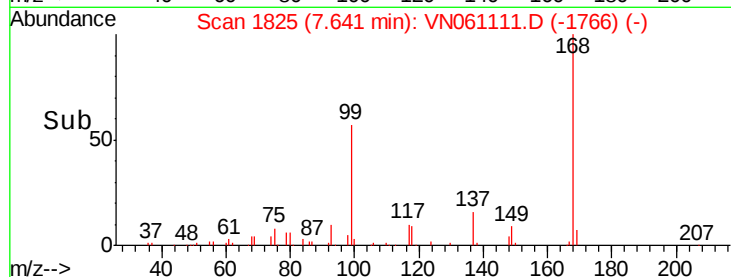
121 0.0 24.0 36.0#



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



#41

Methacrylonitrile

Concen: 0.348 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. 0.02 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Tgt Ion: 41 Resp: 398

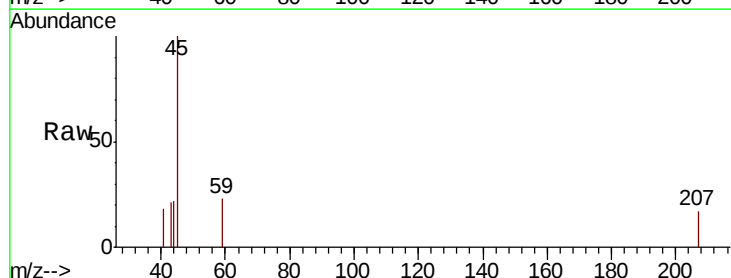
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

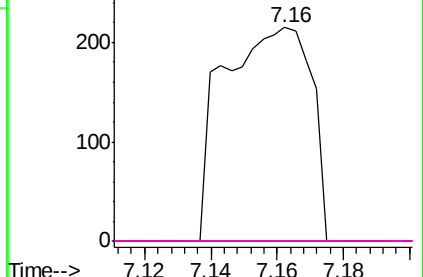
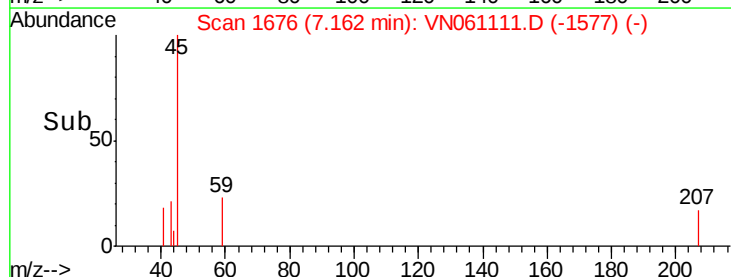


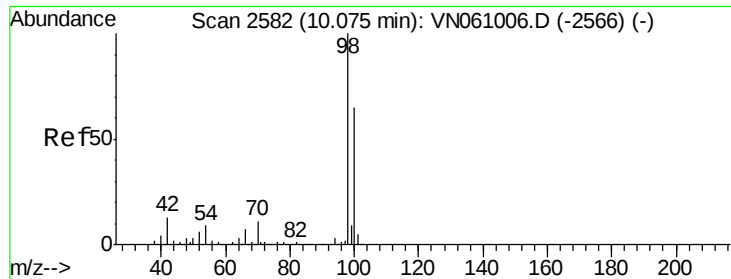
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V

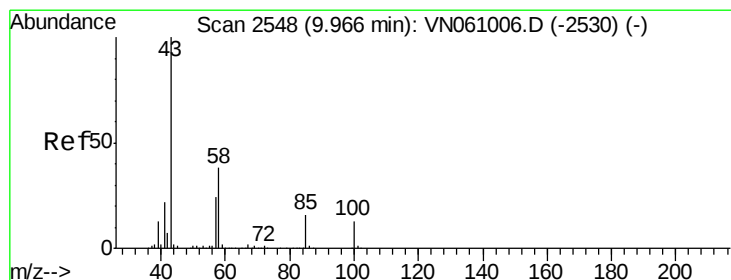
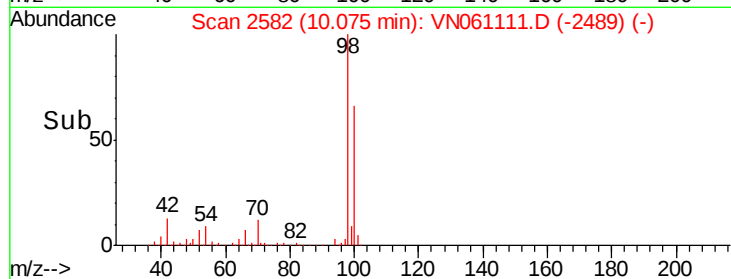
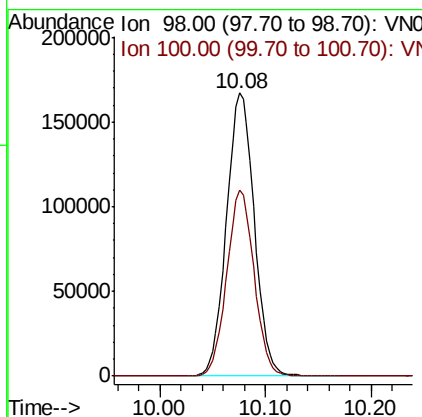
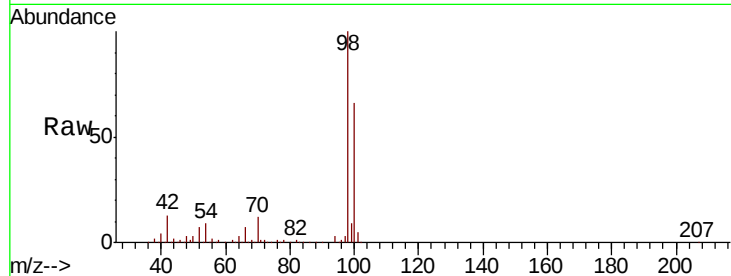




#50
Toluene-d8
Concen: 56.510 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

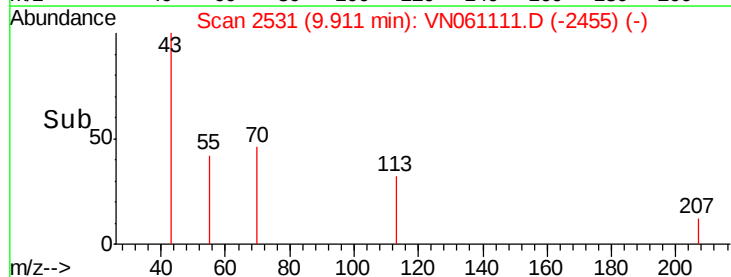
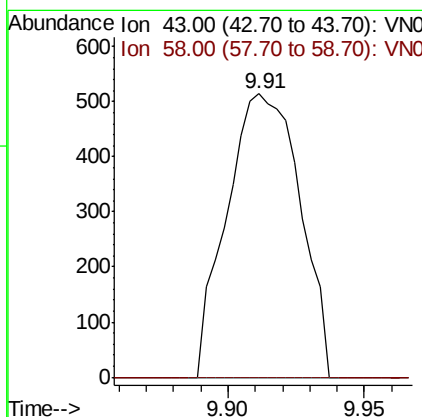
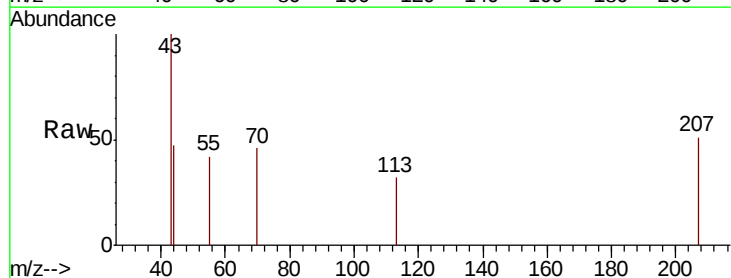
Instrument :
MSVOA_N
ClientSampleId :
WB-TWP-2

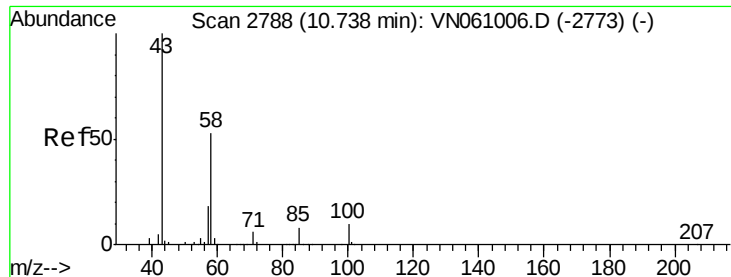
Tot Ion: 98 Resp: 304945
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.372 ug/l
RT: 9.91 min Scan# 2531
Delta R.T. -0.05 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#

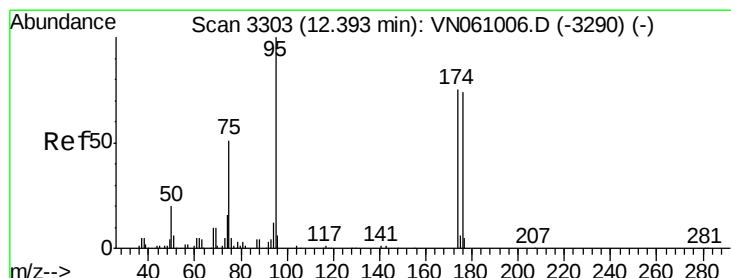
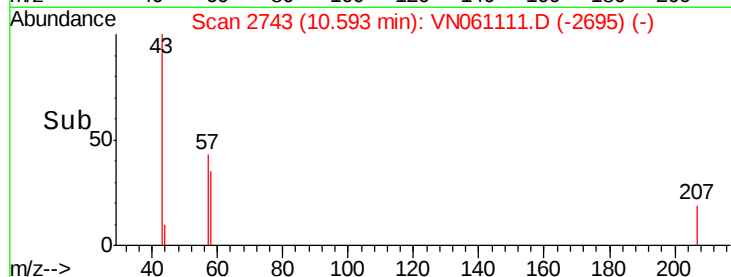
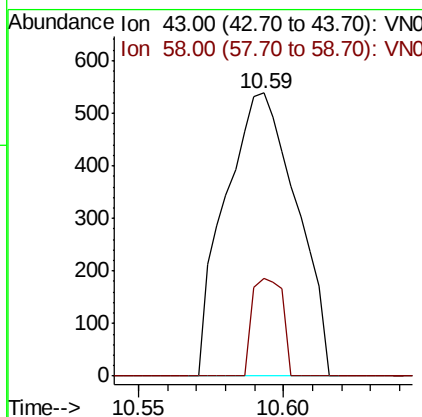
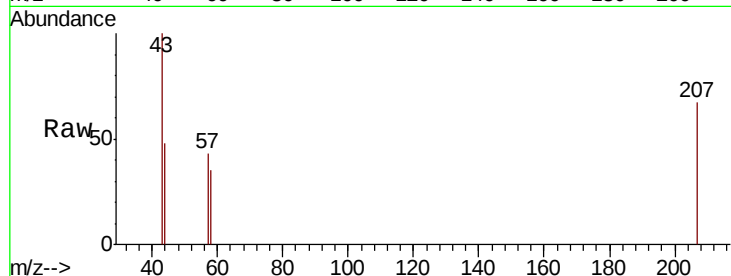




#59
2-Hexanone
Concen: 0.496 ug/l
RT: 10.59 min Scan# 2743
Delta R.T. -0.14 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

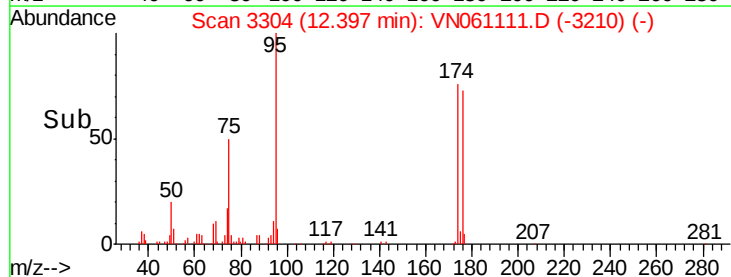
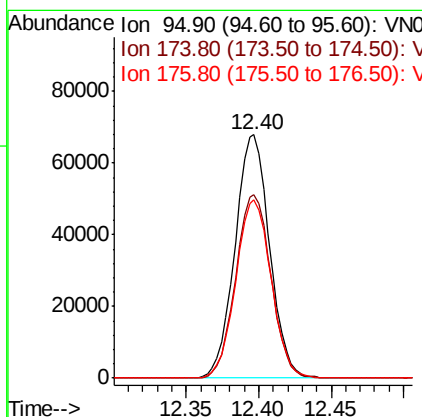
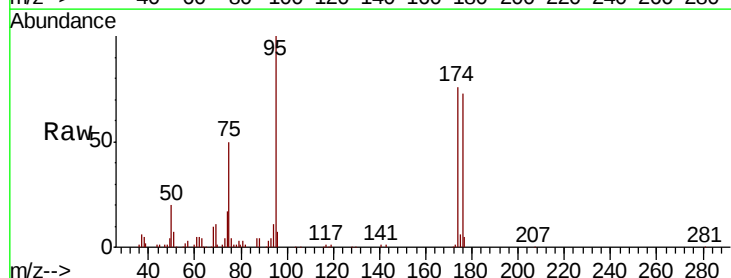
Instrument :
MSVOA_N
ClientSampled :
WB-TWP-2

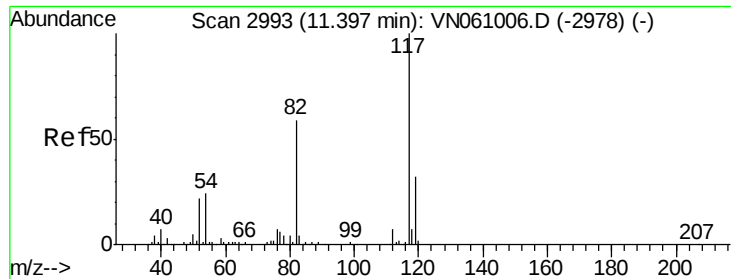
Tot Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 14.7 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 53.095 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

Tgt Ion: 95 Resp: 112294
Ion Ratio Lower Upper
95 100
174 77.1 0.0 151.2
176 74.9 0.0 148.2

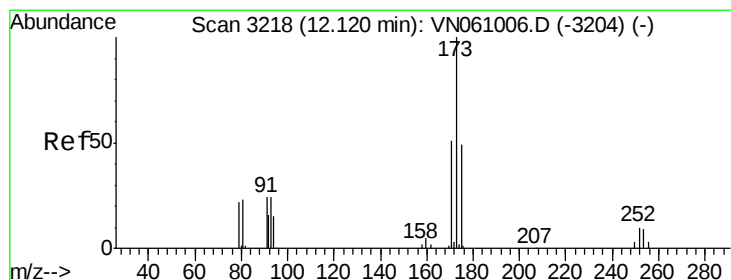
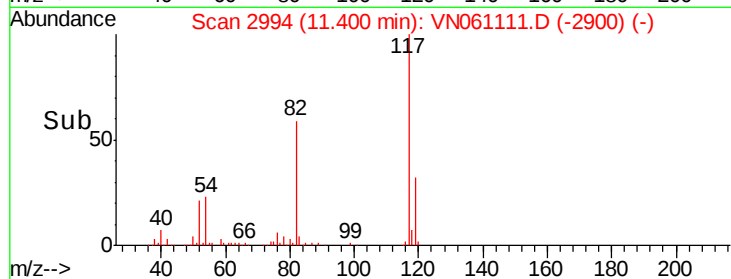
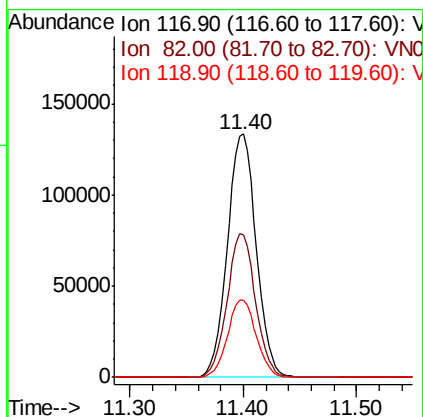
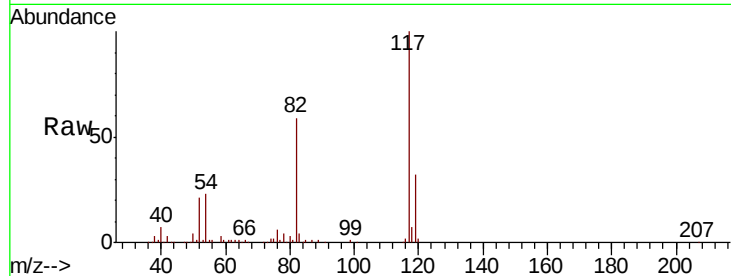




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

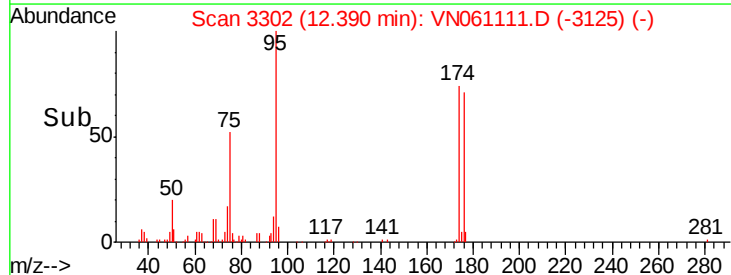
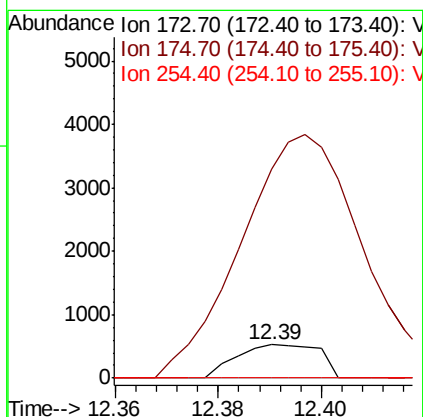
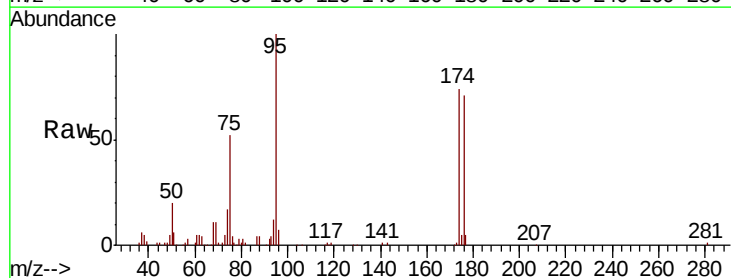
Instrument :
MSVOA_N
ClientSampleId :
WB-TWP-2

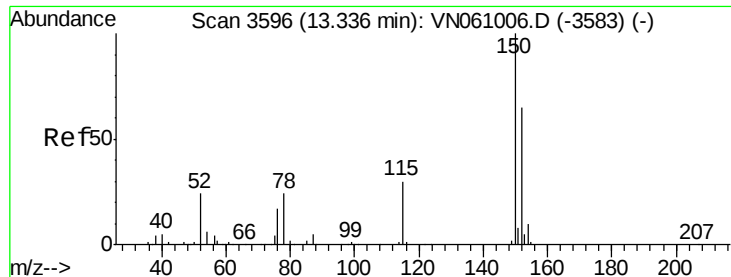
Tot Ion:117 Resp: 236593
Ion Ratio Lower Upper
117 100
82 58.7 47.1 70.7
119 31.9 25.7 38.5



#71
Bromoform
Concen: 0.454 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.27 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

Tgt Ion:173 Resp: 592
Ion Ratio Lower Upper
173 100
175 907.8 24.5 73.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061111.D

Acq: 20 Apr 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

WB-TWP-2

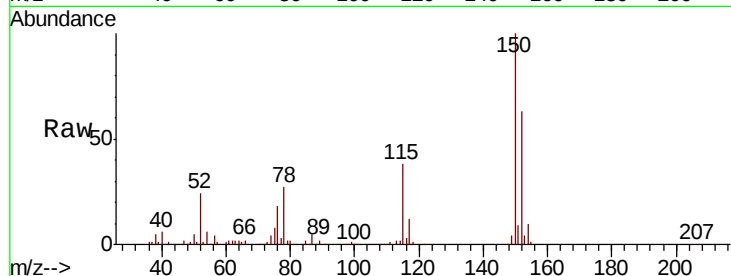
Tot Ion:152 Resp: 102865

Ion Ratio Lower Upper

152 100

115 60.2 30.8 92.4

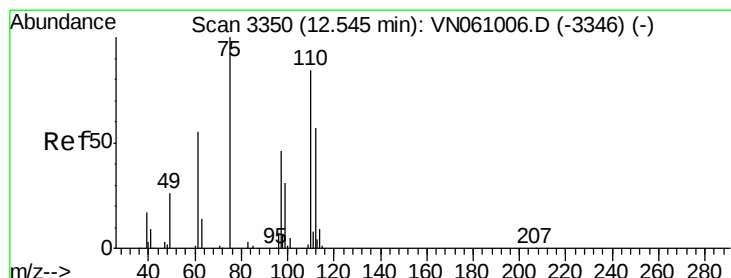
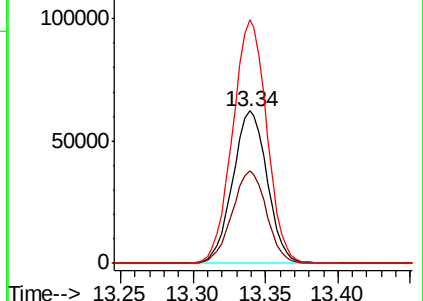
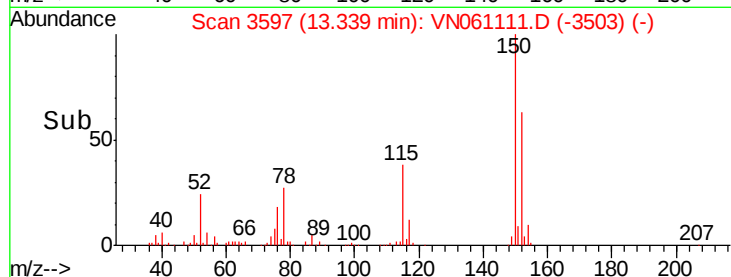
150 158.5 0.0 349.0



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: 25.597 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061111.D

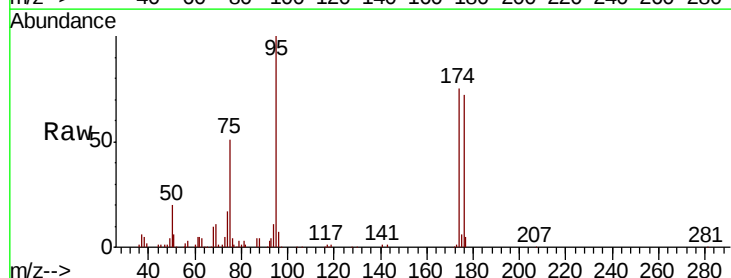
Acq: 20 Apr 2020 18:53

Tgt Ion: 75 Resp: 57917

Ion Ratio Lower Upper

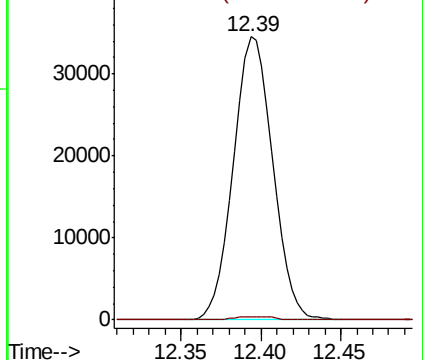
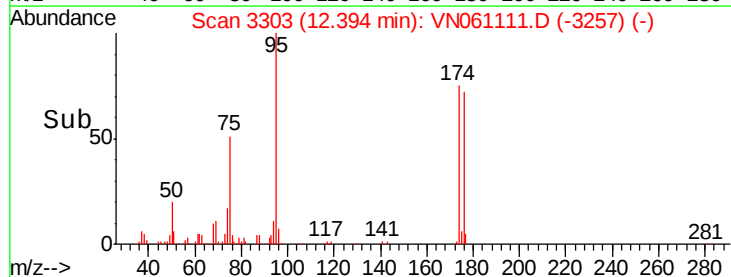
75 100

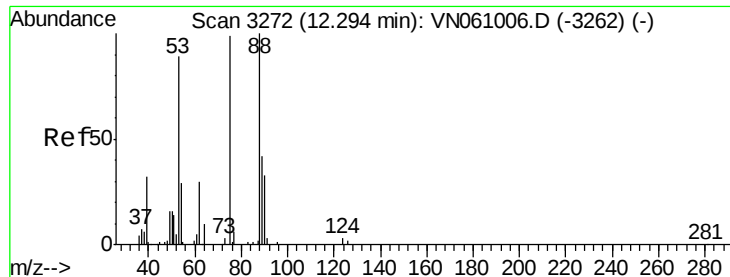
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

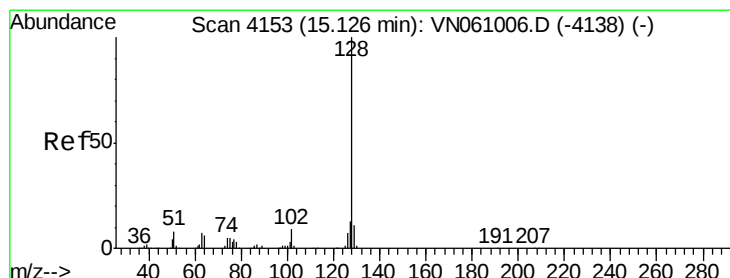
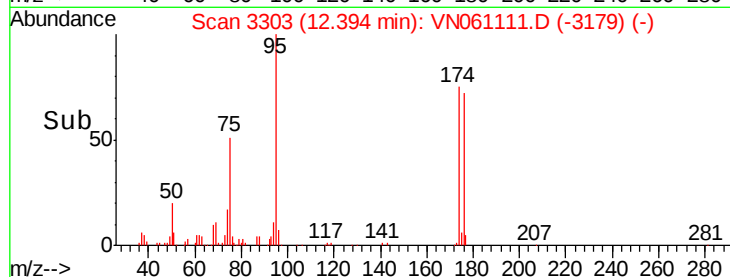
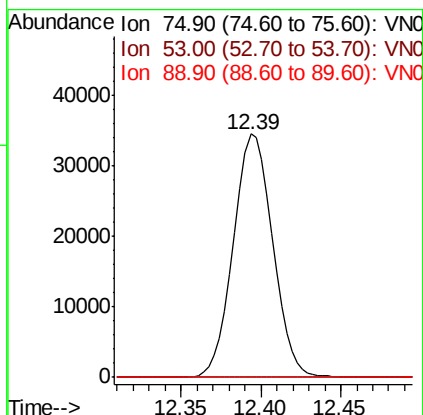
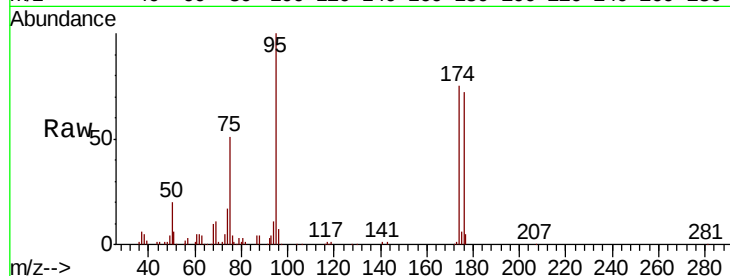




#81
trans-1,4-Dichloro-2-butene
Concen: 63.138 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
WB-TWP-2

Tot Ion: 75 Resp: 57917
Ion Ratio Lower Upper
75 100
53 0.0 74.7 112.1#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 0.764 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN061111.D
Acq: 20 Apr 2020 18:53

Tgt Ion: 128 Resp: 4317
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.4
129 8.4 8.6 13.0#

