

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061113.D
 Acq On : 20 Apr 2020 19:38
 Operator : JC/MD
 Sample : L2330-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-TWP-4

Quant Time: Apr 21 04:02:14 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	146044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	251193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105116	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	100919	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
35) Dibromofluoromethane	7.56	113	76607	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
50) Toluene-d8	10.08	98	311352	56.17	ug/l	0.00
Spiked Amount			Recovery	=	112.34%	
62) 4-Bromofluorobenzene	12.40	95	113604	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

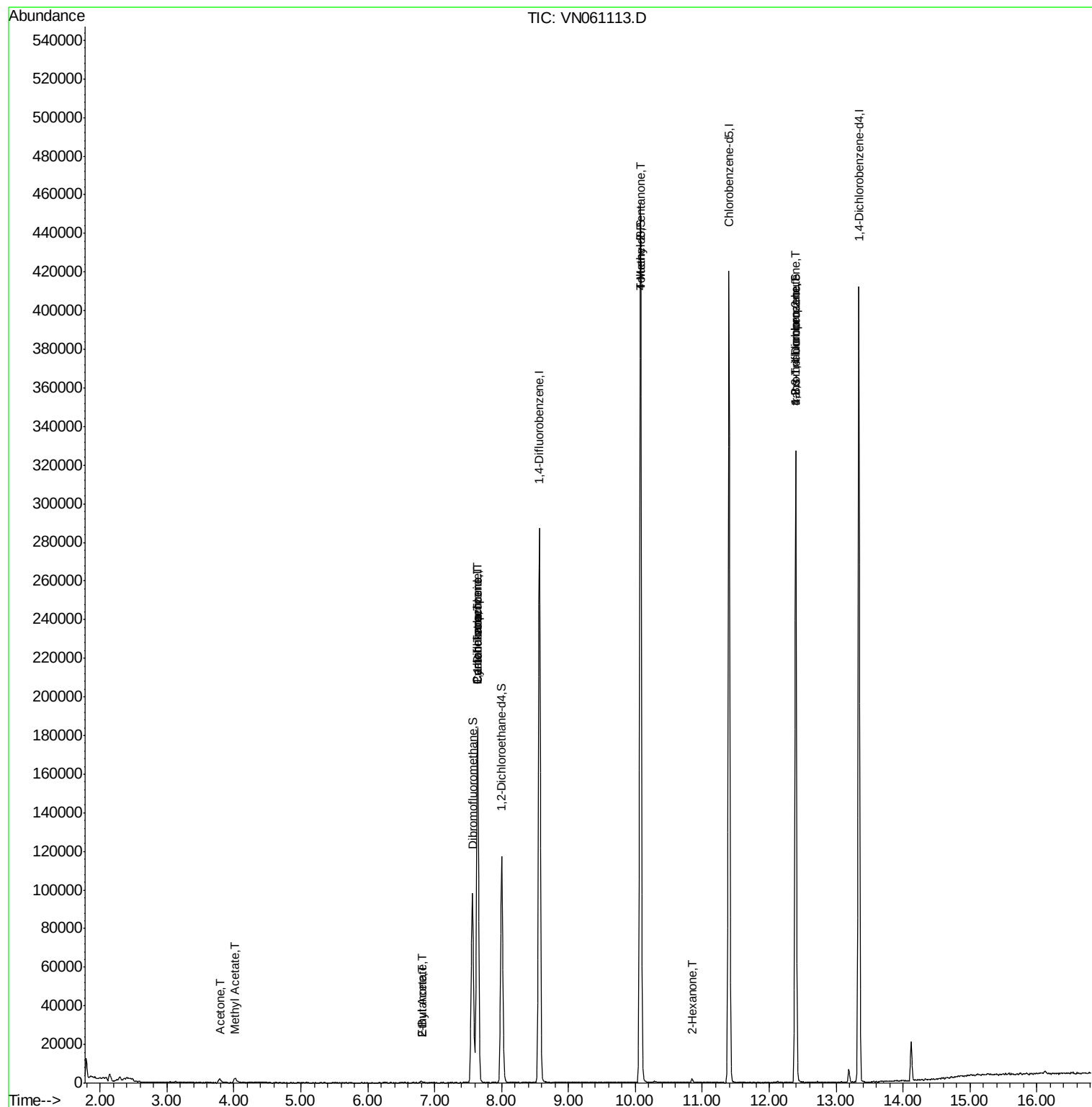
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3628	4.411	ug/l	97
18) Methyl Acetate	4.01	43	1021	0.396	ug/l #	54
25) 2-Butanone	6.81	43	1992	1.581	ug/l #	51
31) Cyclohexane	7.64	56	3217	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11908	4.594	ug/l #	49
37) Ethyl Acetate	6.81	43	1992	0.708	ug/l #	69
38) Carbon Tetrachloride	7.64	117	14443	6.694	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1471	0.557	ug/l #	1
59) 2-Hexanone	10.84	43	399	0.210	ug/l #	26
76) 1,2,3-Trichloropropane	12.39	75	58797	25.430	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	58797	62.725	ug/l #	12

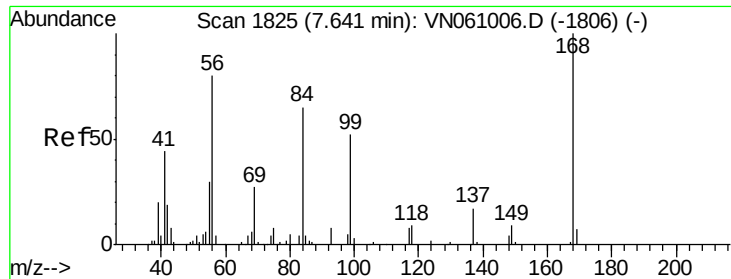
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

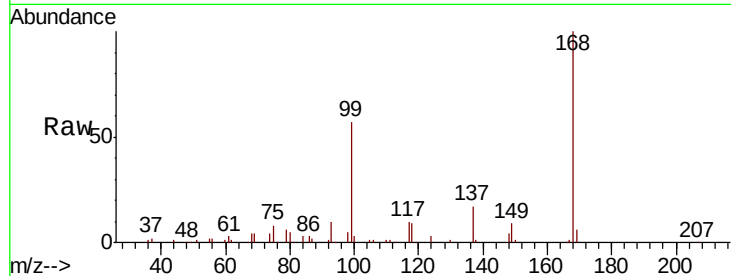
WB-TWP-4

Tot Ion:168 Resp: 146044

Ion Ratio Lower Upper

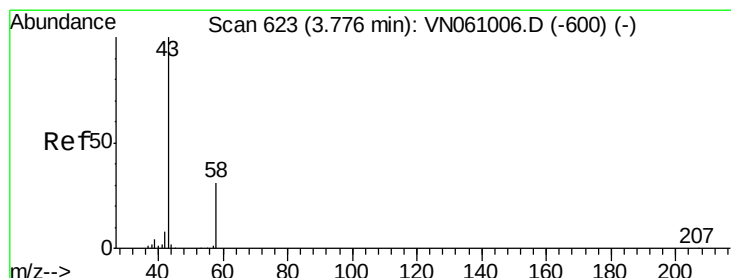
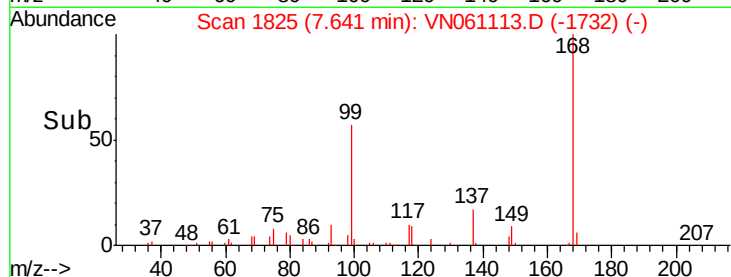
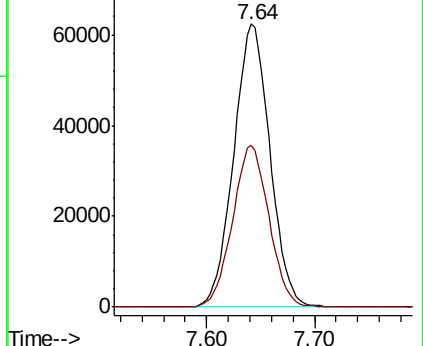
168 100

99 57.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.411 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061113.D

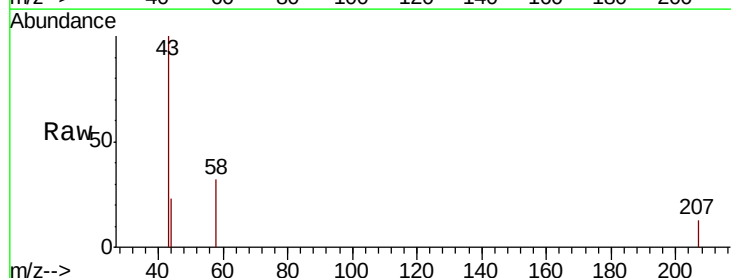
Acq: 20 Apr 2020 19:38

Tgt Ion: 43 Resp: 3628

Ion Ratio Lower Upper

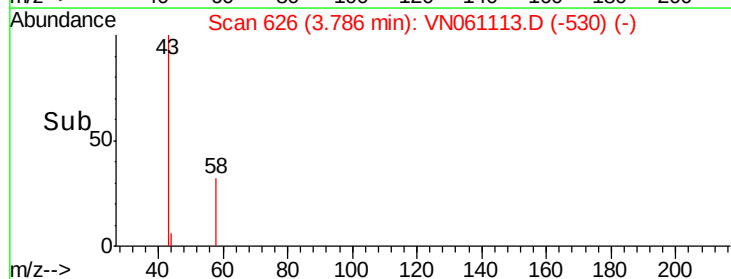
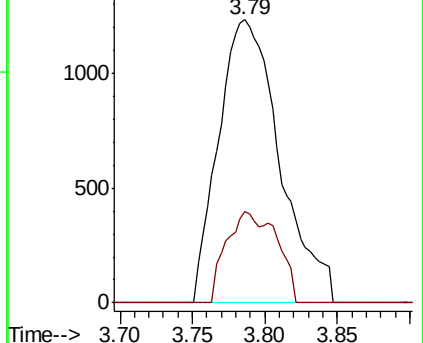
43 100

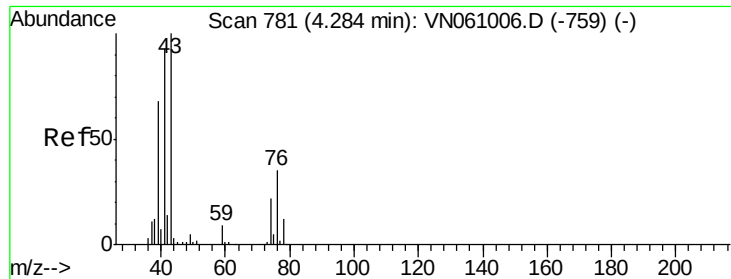
58 32.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

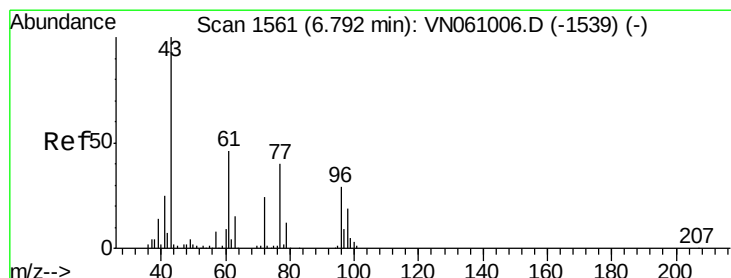
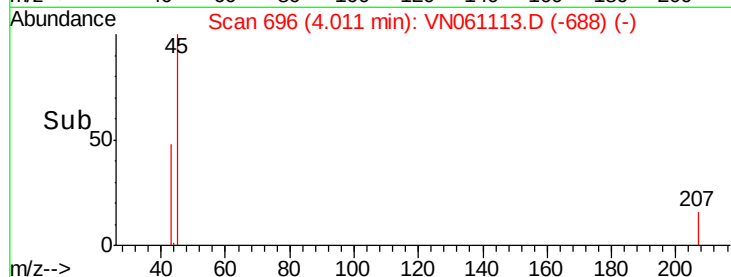
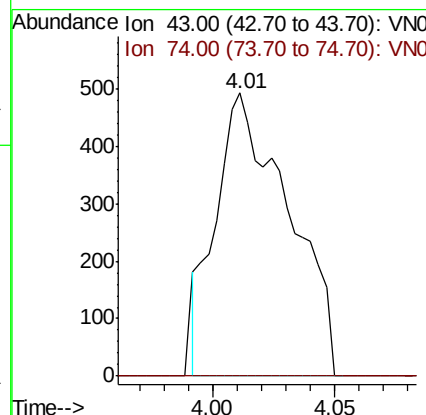
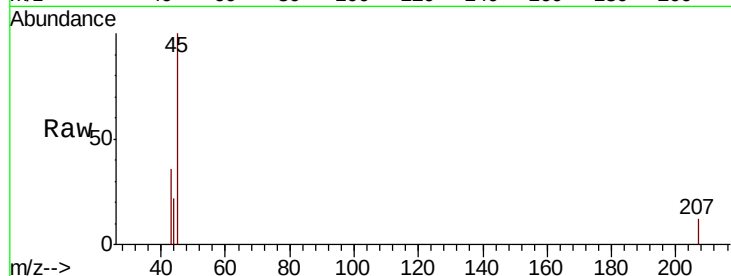




#18
Methvl Acetate
Concen: 0.396 ug/l
RT: 4.01 min Scan# 696
Delta R.T. -0.27 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

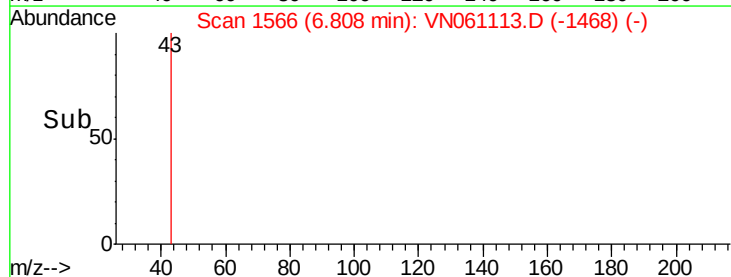
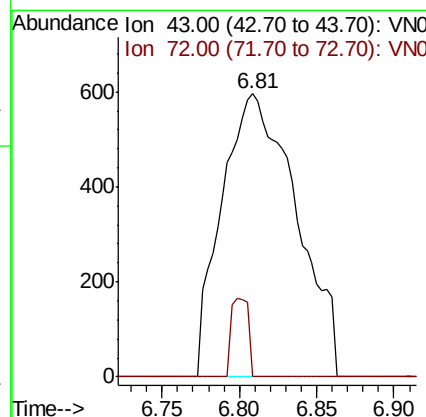
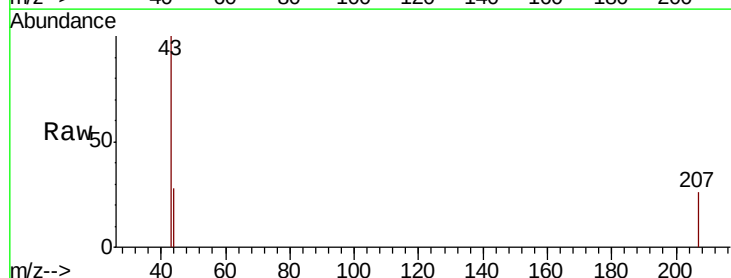
Instrument :
MSVOA_N
ClientSampled :
WB-TWP-4

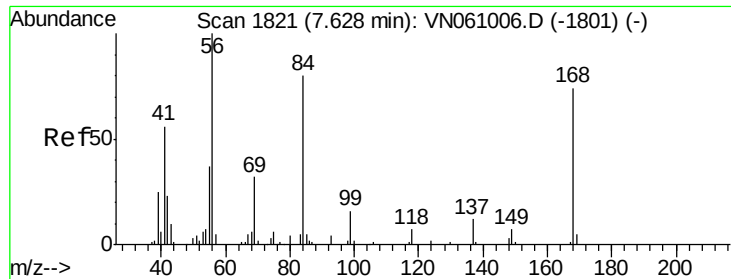
Tot Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
2-Butanone
Concen: 1.581 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.02 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#

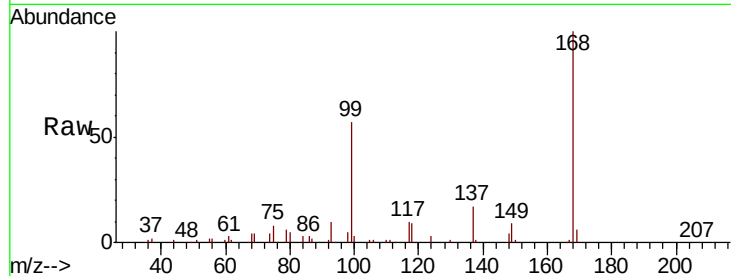




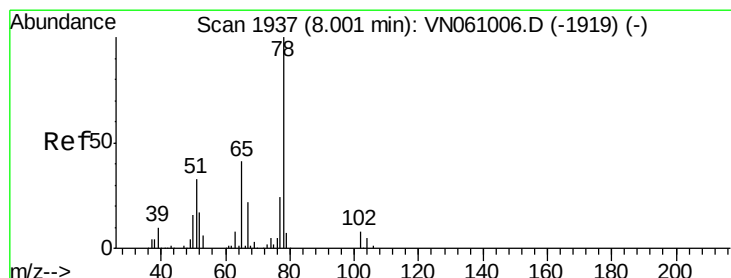
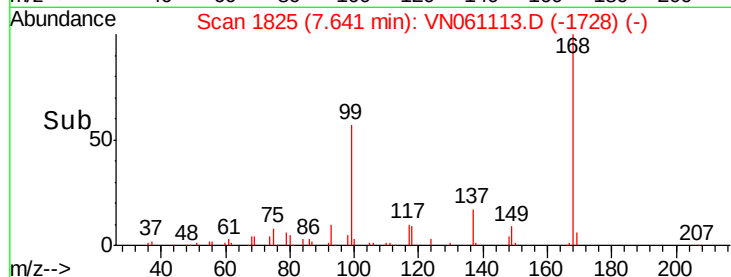
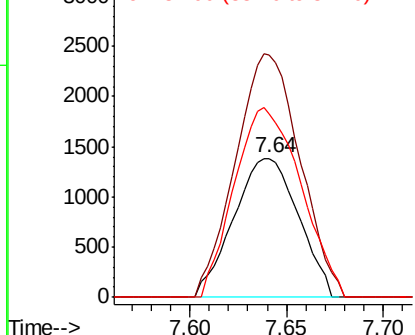
#31
Cyclohexane
Concen: 0.924 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

Instrument :
MSVOA_N
ClientSampled :
WB-TWP-4

Tot Ion: 56 Resp: 3217
Ion Ratio Lower Upper
56 100
69 174.0 25.6 38.4#
84 132.3 63.4 95.2#

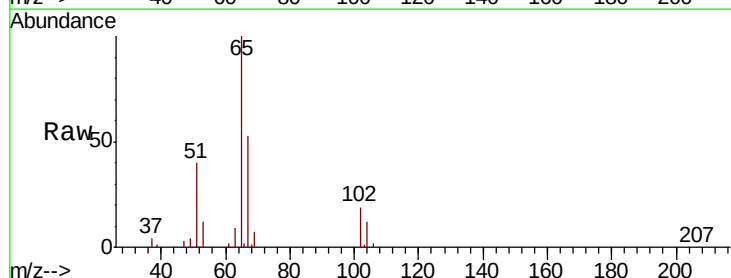


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

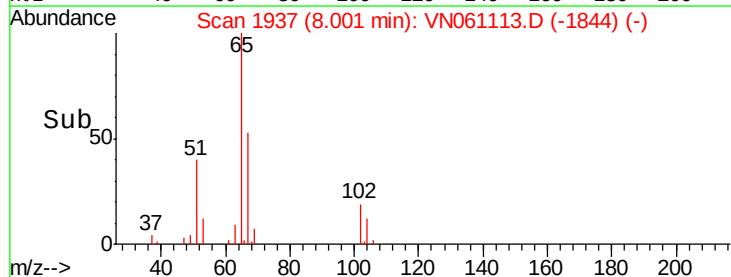
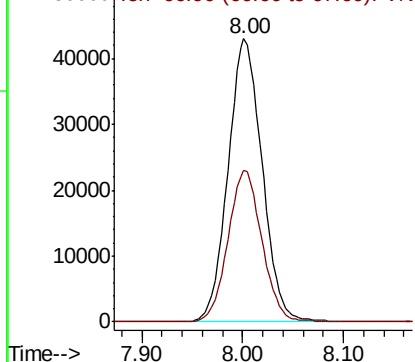


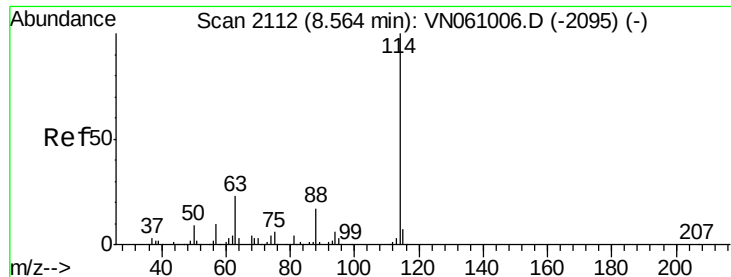
#33
1,2-Dichloroethane-d4
Concen: 54.010 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

Tgt Ion: 65 Resp: 100919
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.0



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

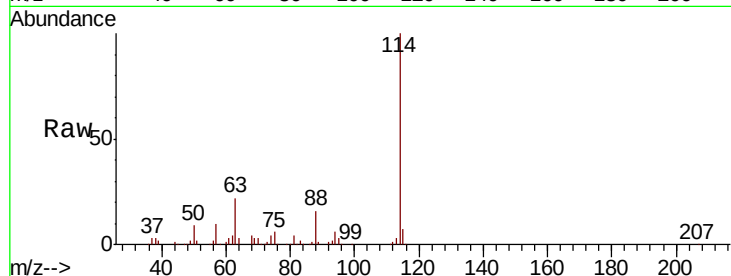




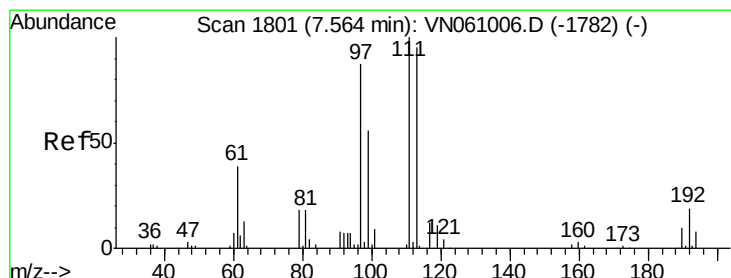
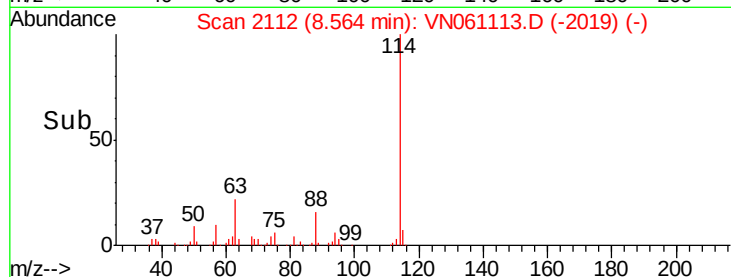
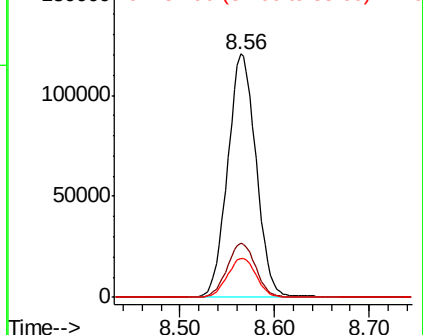
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061113.D
 Acq: 20 Apr 2020 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-TWP-4

Tot Ion	114	Resp: Lower	251193 Upper
114	100		
63	22.2	0.0	46.2
88	16.2	0.0	33.4

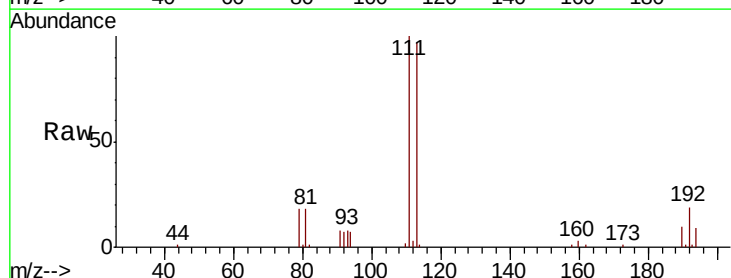


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

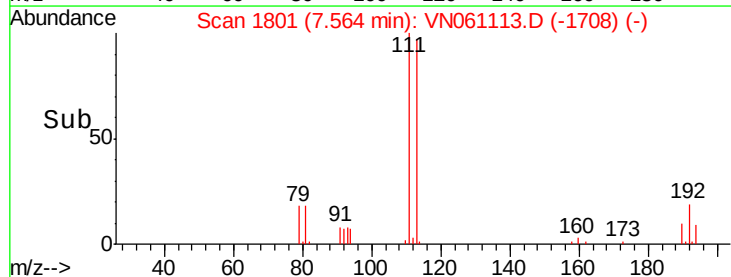
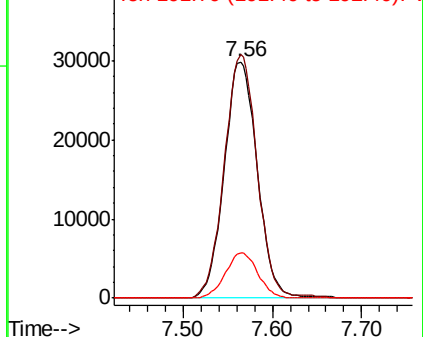


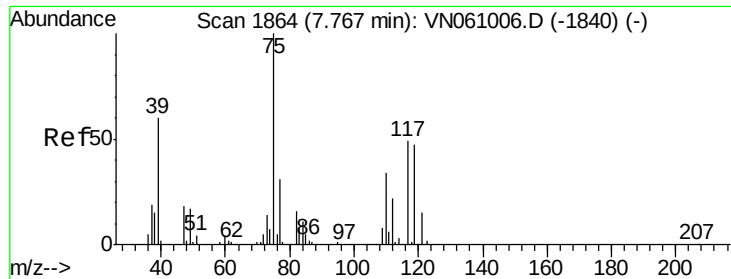
#35
 Dibromofluoromethane
 Concen: 52.222 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061113.D
 Acq: 20 Apr 2020 19:38

Tgt	Ion:113	Resp:	76607
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	18.8	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: 4.594 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

WB-TWP-4

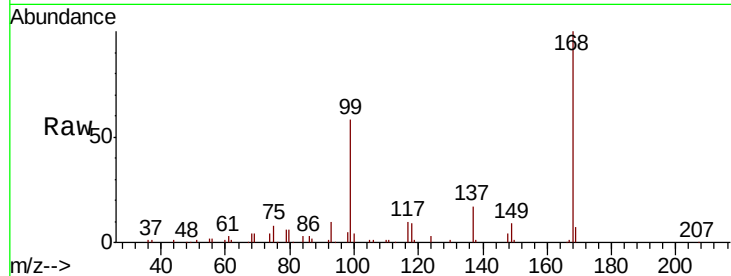
Tot Ion: 75 Resp: 11908

Ion Ratio Lower Upper

75 100

110 6.9 16.8 50.3#

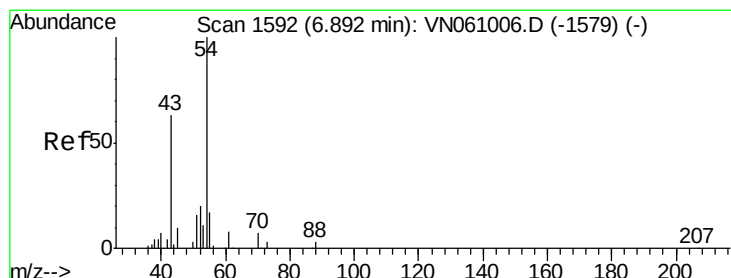
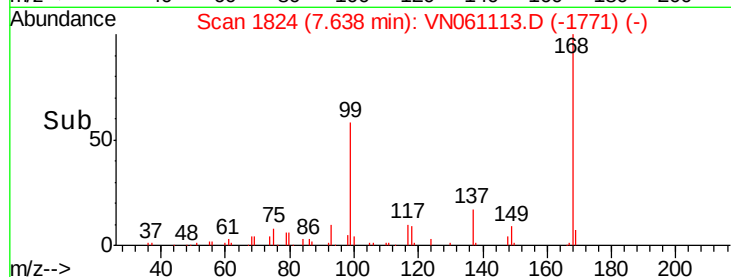
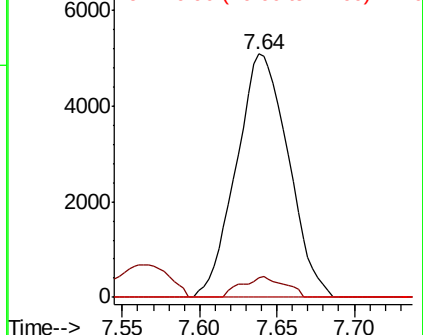
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN061113.D (-1771) (-)

Ion 109.90 (109.60 to 110.60): VN061113.D (-1771) (-)

Ion 76.90 (76.60 to 77.60): VN061113.D (-1771) (-)



#37

Ethyl Acetate

Concen: 0.708 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.08 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

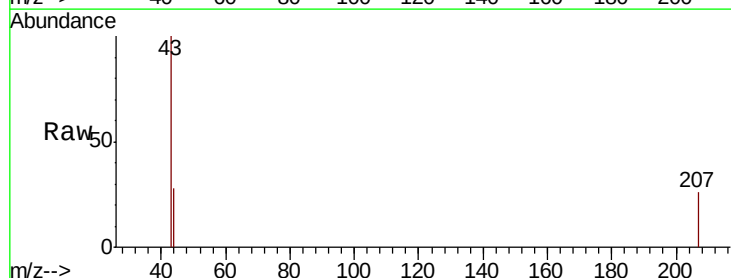
Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

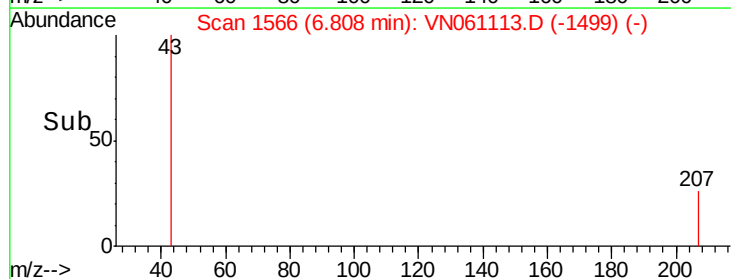
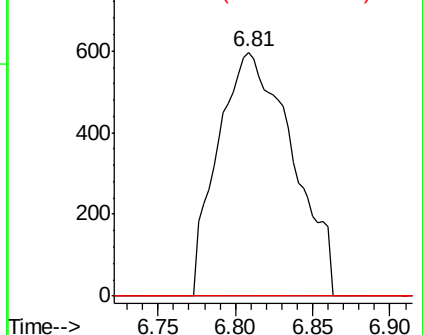
70 0.0 7.7 11.5#

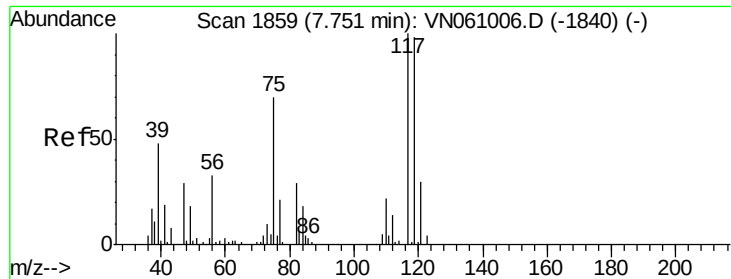


Abundance Ion 43.00 (42.70 to 43.70): VN061113.D (-1499) (-)

Ion 60.90 (60.60 to 61.60): VN061113.D (-1499) (-)

Ion 70.00 (69.70 to 70.70): VN061113.D (-1499) (-)

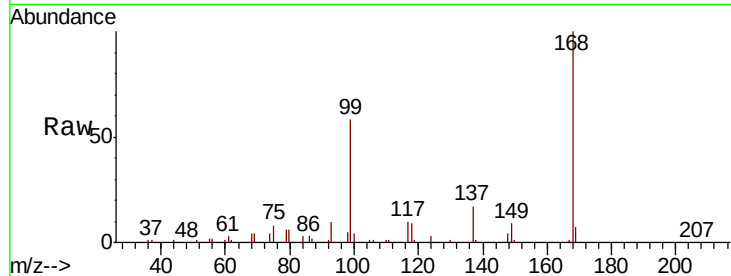




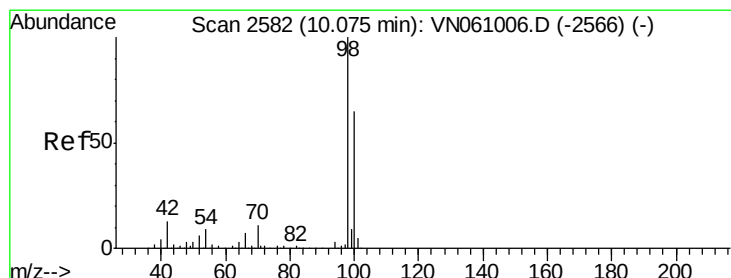
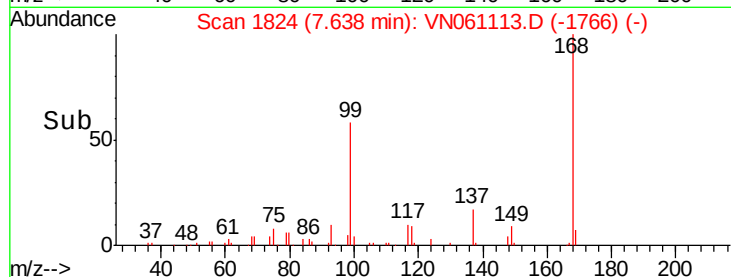
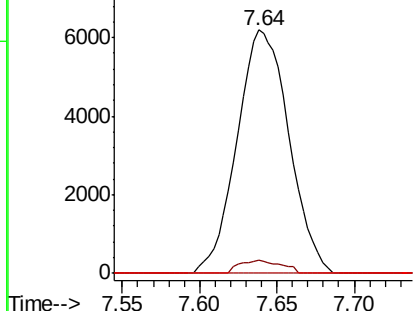
#38
Carbon Tetrachloride
Concen: 6.694 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

Instrument :
MSVOA_N
ClientSampled :
WB-TWP-4

Tot Ion:117 Resp: 14443
Ion Ratio Lower Upper
117 100
119 5.3 78.1 117.1#
121 0.0 24.0 36.0#

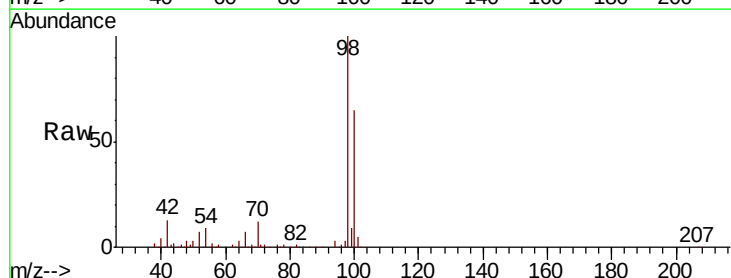


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

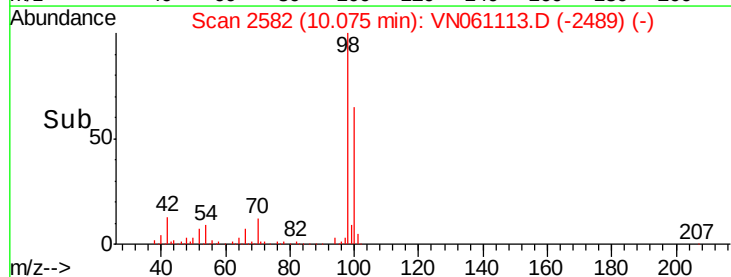
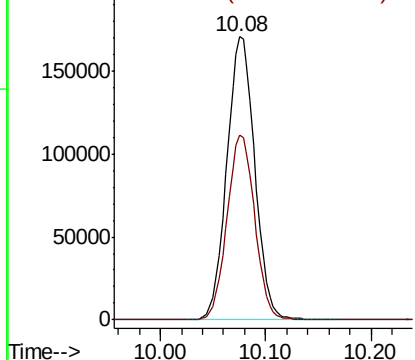


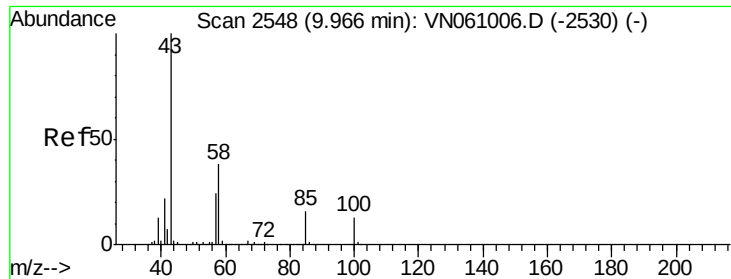
#50
Toluene-d8
Concen: 56.168 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061113.D
Acq: 20 Apr 2020 19:38

Tgt Ion: 98 Resp: 311352
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



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: 0.557 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

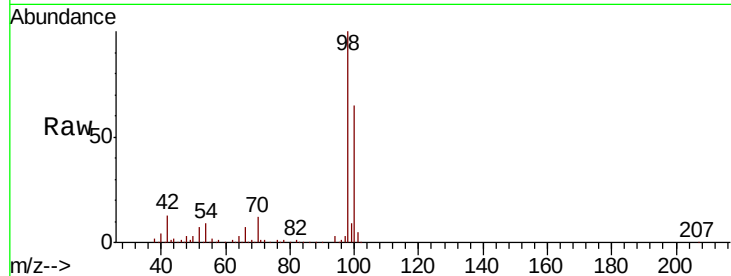
WB-TWP-4

Tot Ion: 43 Resp: 1471

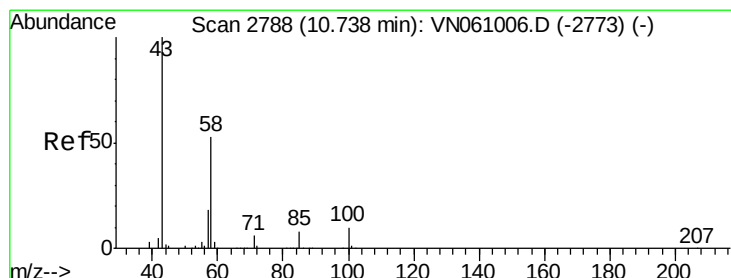
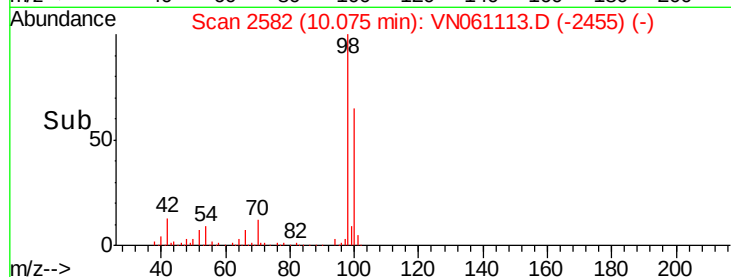
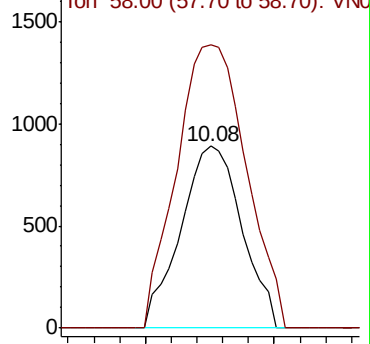
Ion Ratio Lower Upper

43 100

58 177.1 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061113.D (-2530) (-)



#59

2-Hexanone

Concen: 0.210 ug/l

RT: 10.84 min Scan# 2821

Delta R.T. 0.11 min

Lab File: VN061113.D

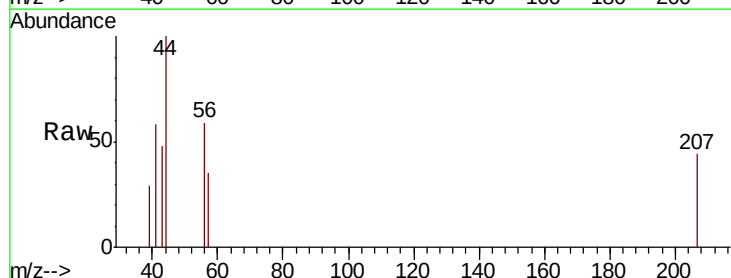
Acq: 20 Apr 2020 19:38

Tgt Ion: 43 Resp: 399

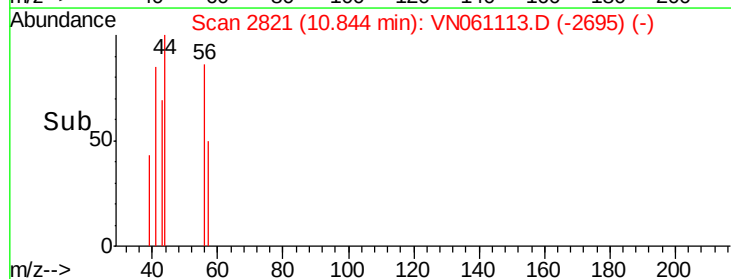
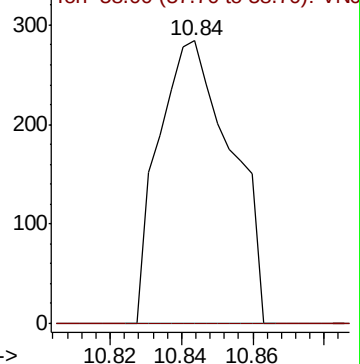
Ion Ratio Lower Upper

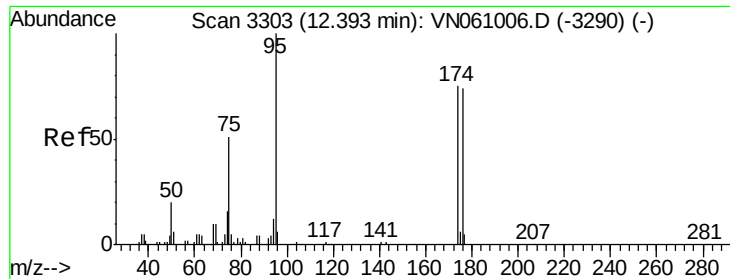
43 100

58 0.0 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061113.D (-2773) (-)





#62

4-Bromofluorobenzene

Concen: 52.290 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

WB-TWP-4

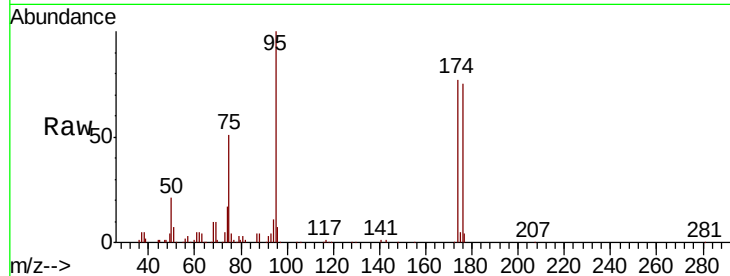
Tot Ion: 95 Resp: 113604

Ion Ratio Lower Upper

95 100

174 77.6 0.0 151.2

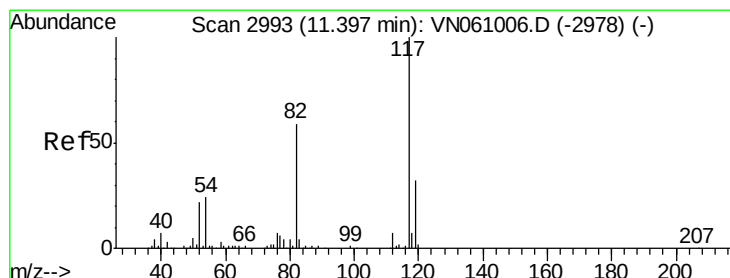
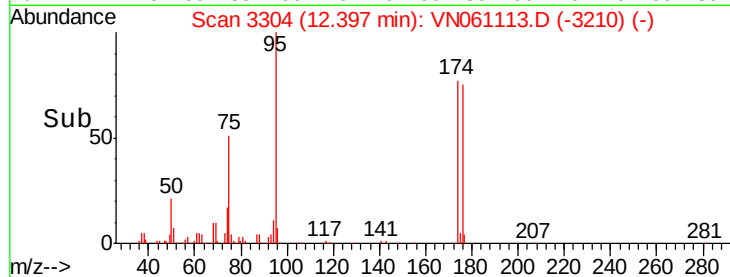
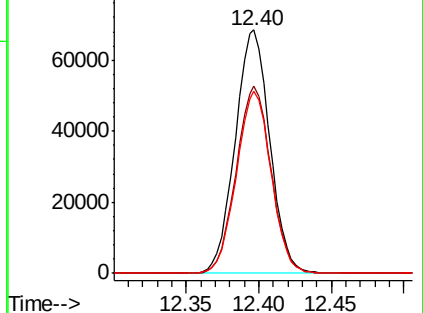
176 74.8 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061113.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061113.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061113.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

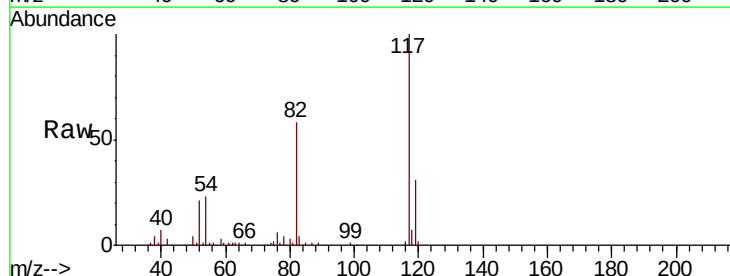
Tgt Ion: 117 Resp: 238302

Ion Ratio Lower Upper

117 100

82 58.4 47.1 70.7

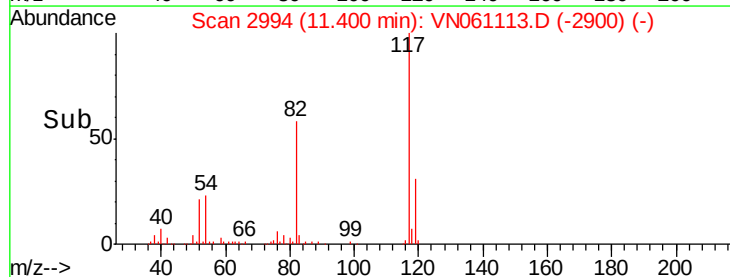
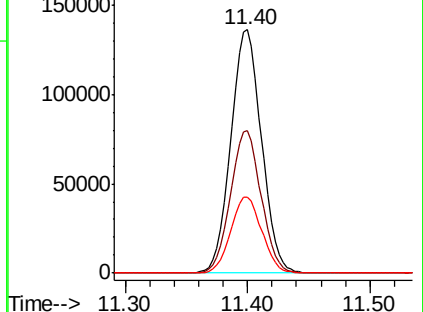
119 31.3 25.7 38.5

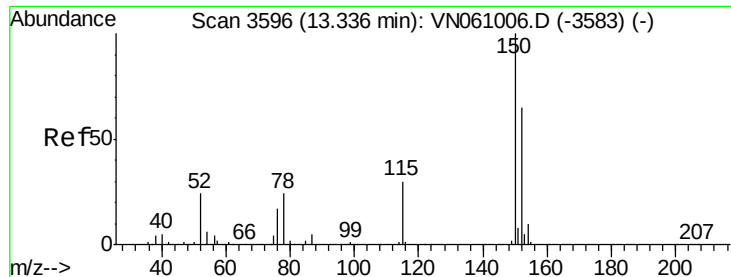


Abundance Ion 116.90 (116.60 to 117.60): VN061113.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061113.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061113.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

WB-TWP-4

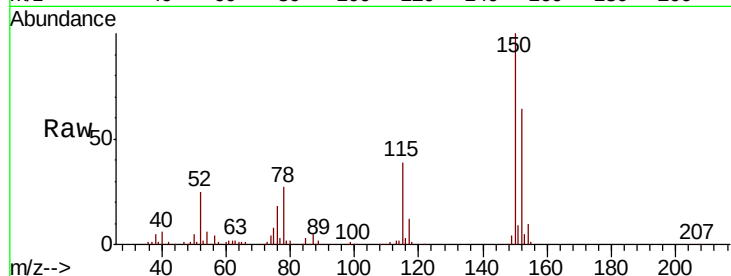
Tot Ion:152 Resp: 105116

Ion Ratio Lower Upper

152 100

115 60.5 30.8 92.4

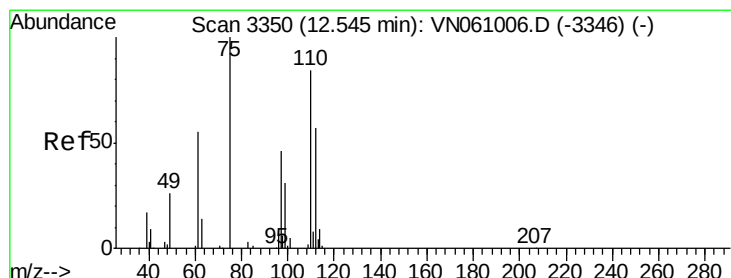
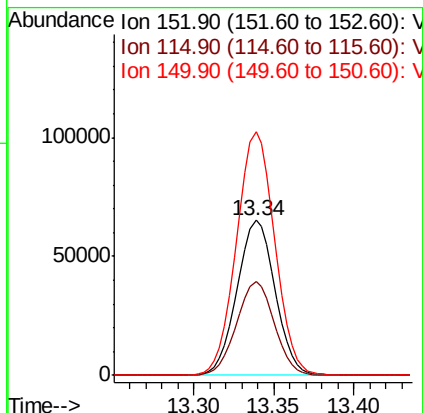
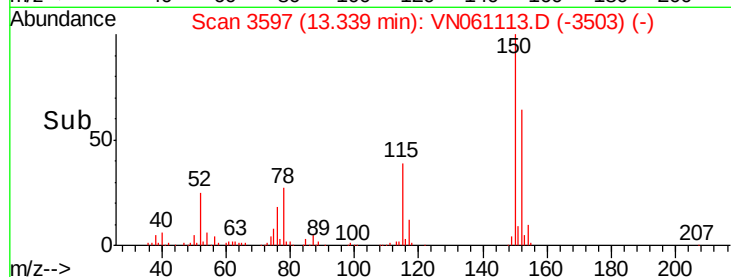
150 158.2 0.0 349.0



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: 25.430 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061113.D

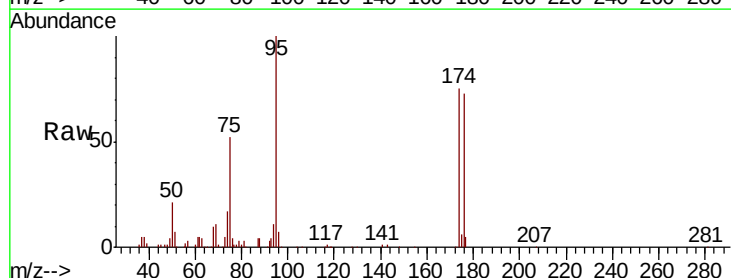
Acq: 20 Apr 2020 19:38

Tgt Ion: 75 Resp: 58797

Ion Ratio Lower Upper

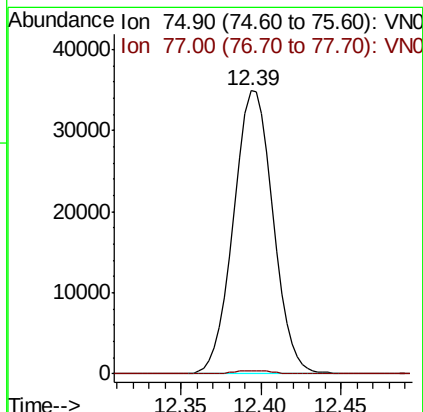
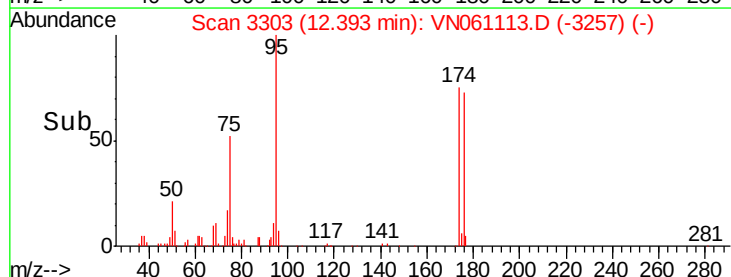
75 100

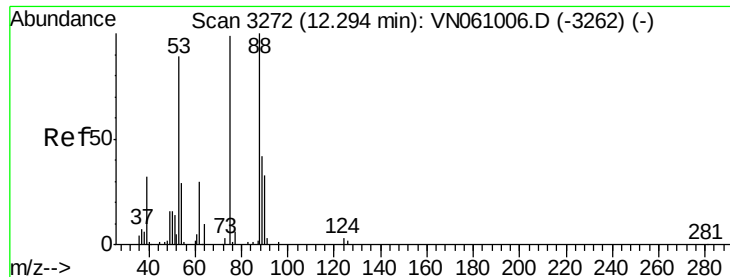
77 1.1 0.0 0.0#



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: 62.725 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061113.D

Acq: 20 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

WB-TWP-4

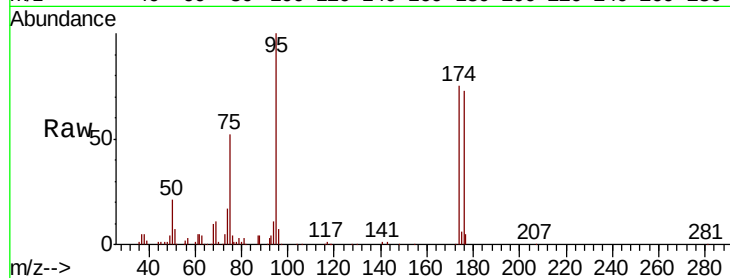
Tot Ion: 75 Resp: 58797

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#



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

