

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061051.D
 Acq On : 17 Apr 2020 15:23
 Operator : JC/MD
 Sample : L2271-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-2020-04-13

Quant Time: Apr 20 01:32:08 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	149239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	255681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106401	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	101742	53.28	ug/l	0.00
Spiked Amount						
			Recovery	=	106.56%	
35) Dibromofluoromethane	7.56	113	76885	51.49	ug/l	0.00
Spiked Amount						
			Recovery	=	102.98%	
50) Toluene-d8	10.08	98	315703	55.95	ug/l	0.00
Spiked Amount						
			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.39	95	115983	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	

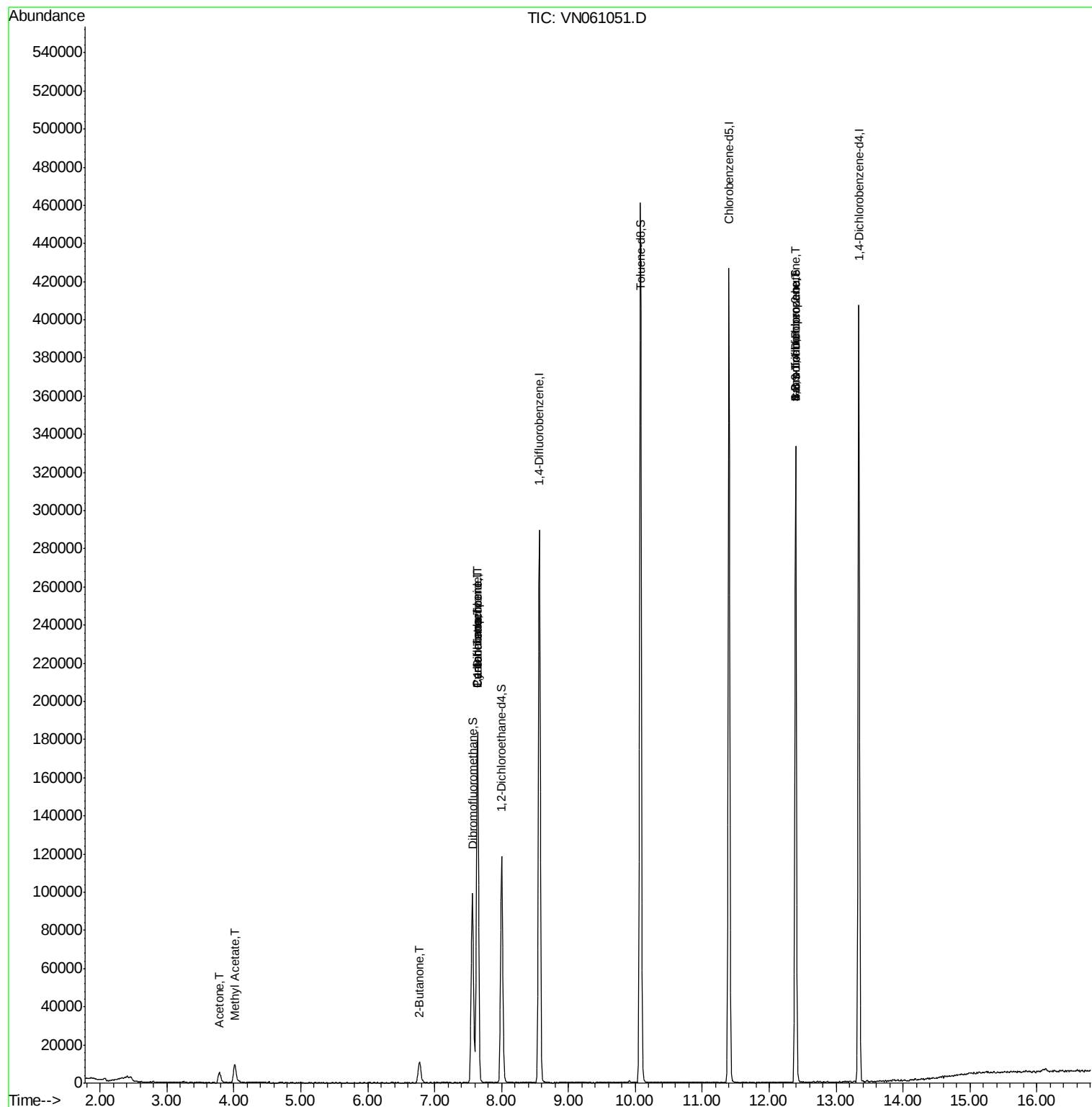
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	10202	12.139	ug/l	99
18) Methyl Acetate	4.01	43	3699	1.404	ug/l #	54
25) 2-Butanone	6.76	43	538	0.418	ug/l #	51
31) Cyclohexane	7.64	56	3297	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11874	4.500	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14943	6.804	ug/l #	15
71) Bromoform	12.39	173	543	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	60999	26.064	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60999	64.288	ug/l #	12

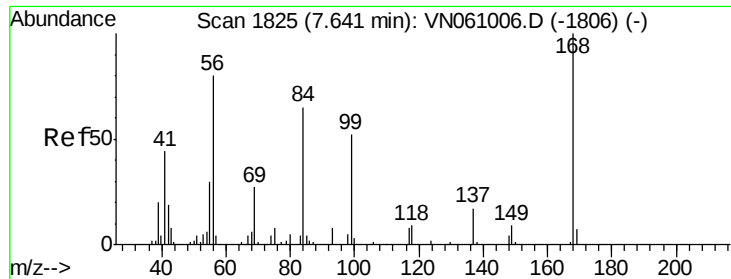
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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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: VN061051.D

Acq: 17 Apr 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

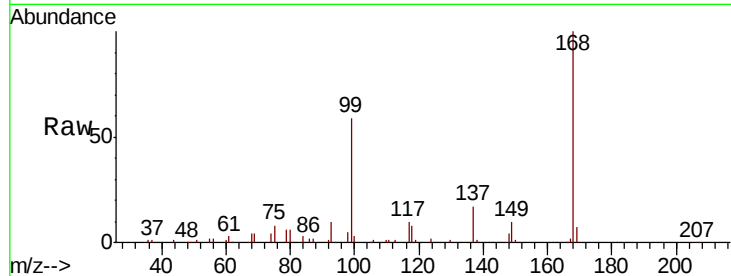
FB-2020-04-13

Tot Ion:168 Resp: 149239

Ion Ratio Lower Upper

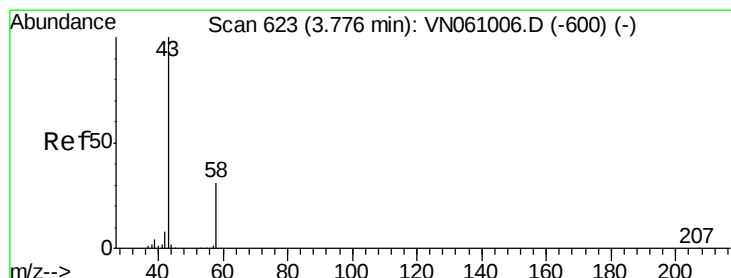
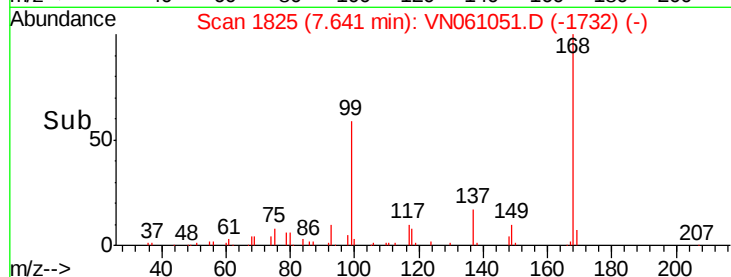
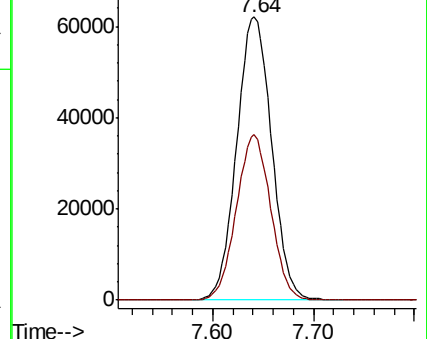
168 100

99 58.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)



#16

Acetone

Concen: 12.139 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061051.D

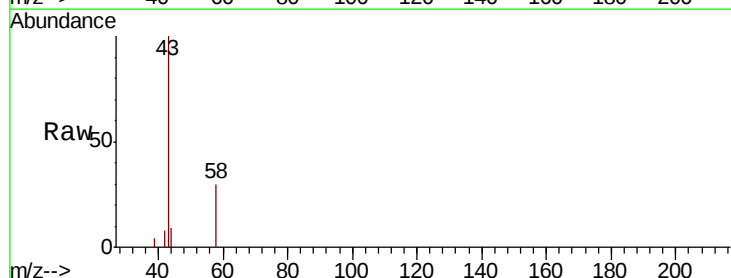
Acq: 17 Apr 2020 15:23

Tgt Ion: 43 Resp: 10202

Ion Ratio Lower Upper

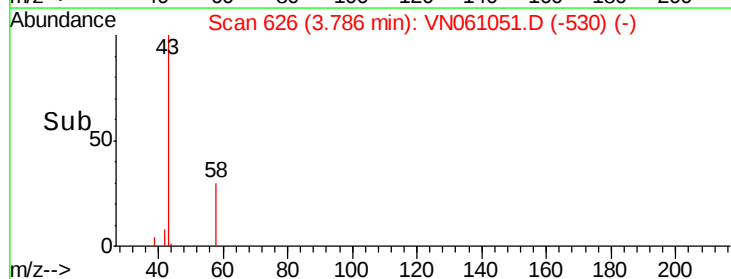
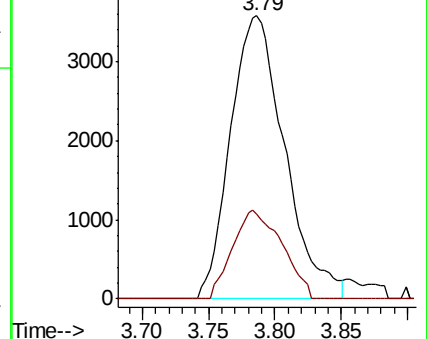
43 100

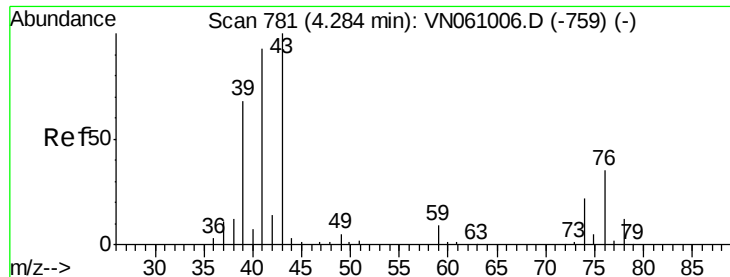
58 30.0 24.6 37.0



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

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

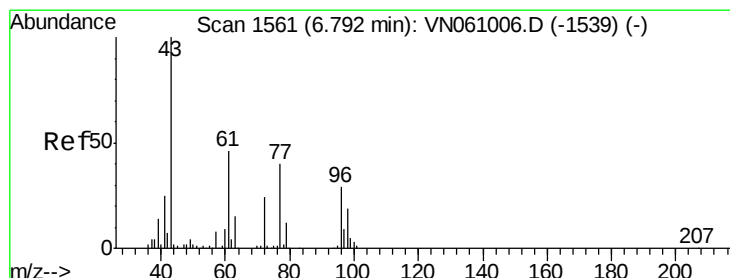
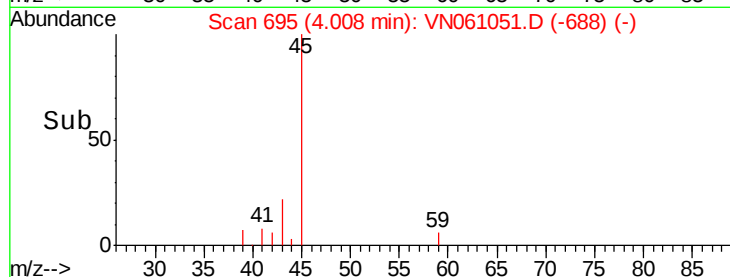
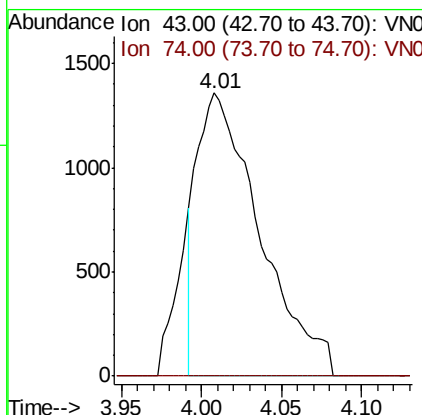
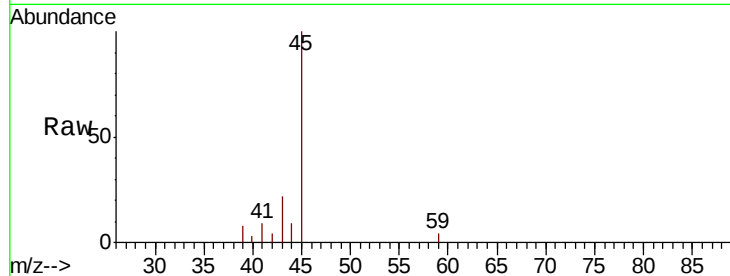




#18
Methvl Acetate
Concen: 1.404 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

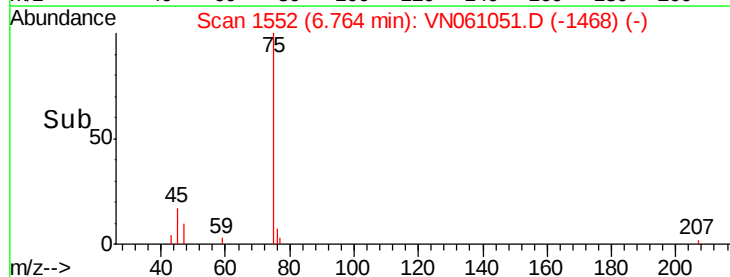
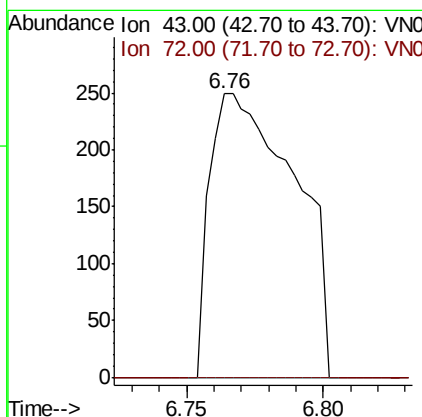
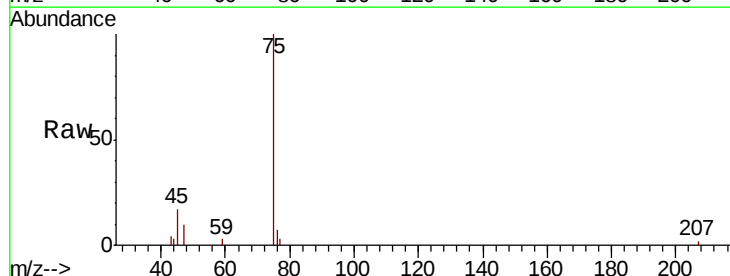
Instrument :
MSVOA_N
ClientSampleId :
FB-2020-04-13

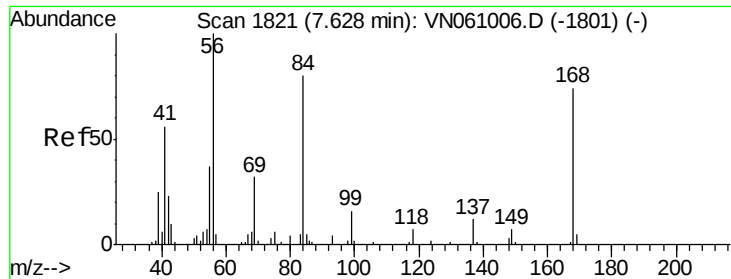
Tot Ion: 43 Resp: 3699
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
2-Butanone
Concen: 0.418 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.03 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#

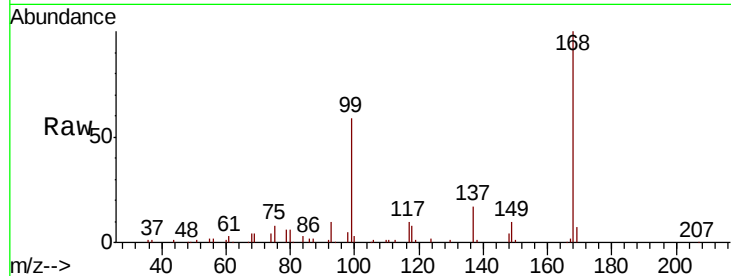




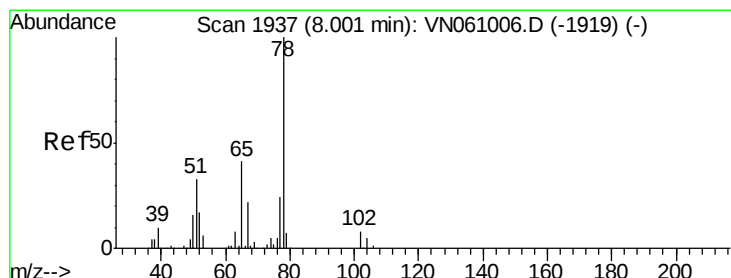
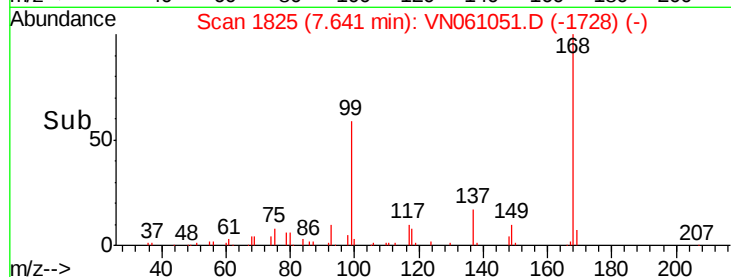
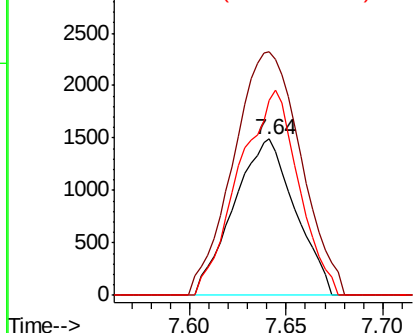
#31
Cyclohexane
Concen: 0.927 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

Instrument :
MSVOA_N
ClientSampled :
FB-2020-04-13

Tot Ion: 56 Resp: 3297
Ion Ratio Lower Upper
56 100
69 155.8 25.6 38.4#
84 124.8 63.4 95.2#

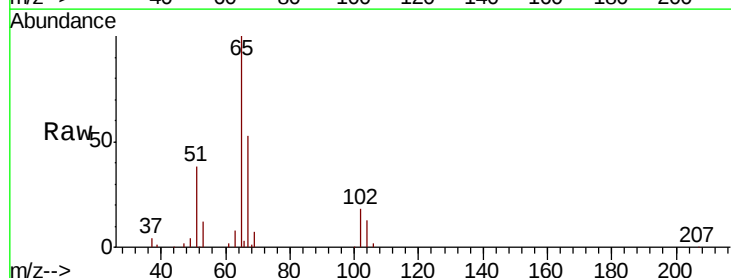


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

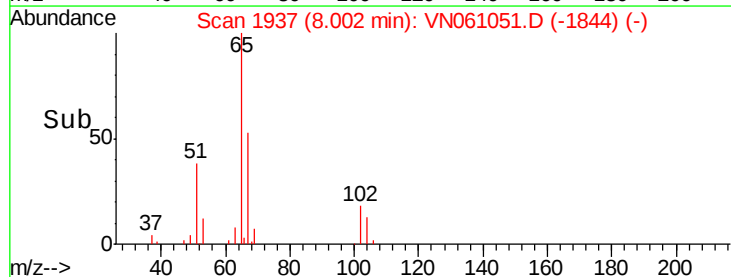
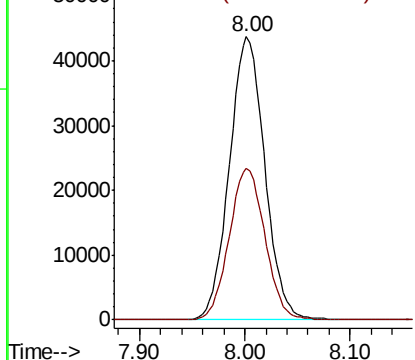


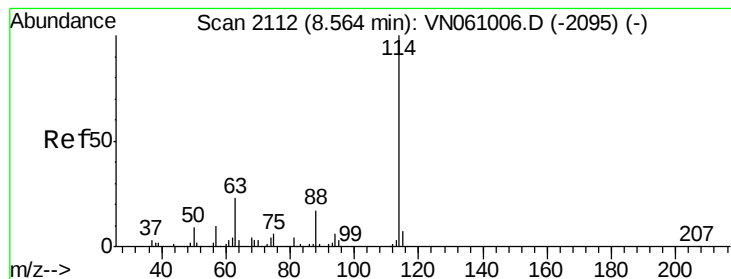
#33
1,2-Dichloroethane-d4
Concen: 53.284 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

Tgt Ion: 65 Resp: 101742
Ion Ratio Lower Upper
65 100
67 53.9 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: VN061051.D

Acq: 17 Apr 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

FB-2020-04-13

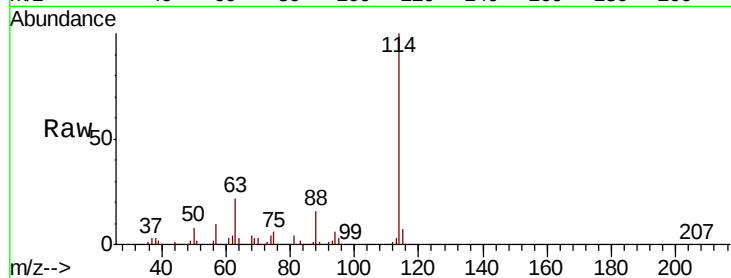
Tot Ion:114 Resp: 255681

Ion Ratio Lower Upper

114 100

63 22.4 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

150000

100000

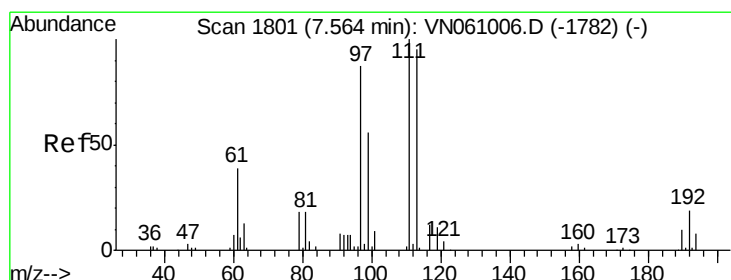
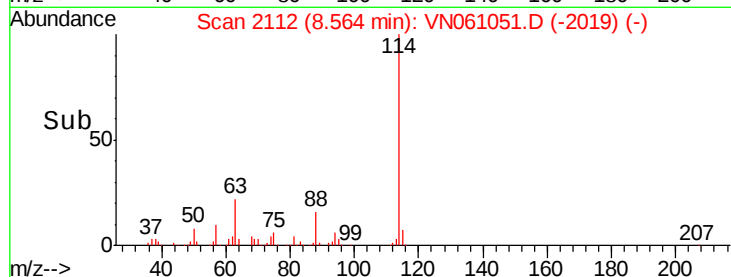
50000

0

8.56

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 51.492 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

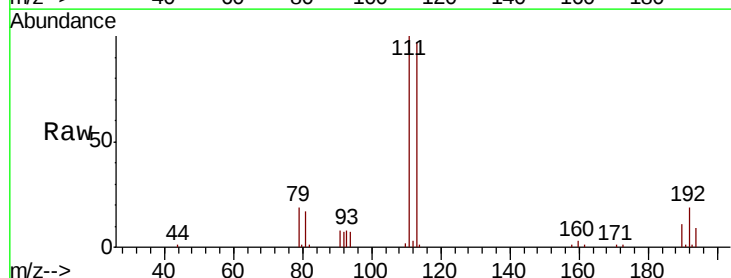
Tgt Ion:113 Resp: 76885

Ion Ratio Lower Upper

113 100

111 102.1 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

40000

30000

20000

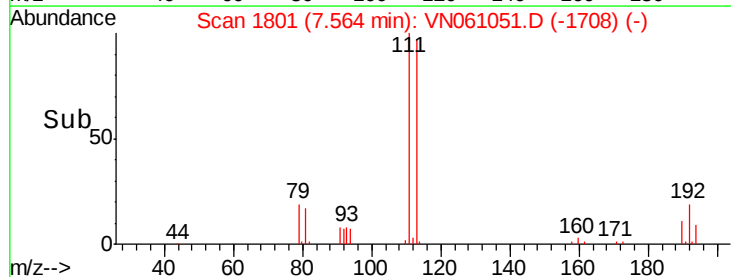
10000

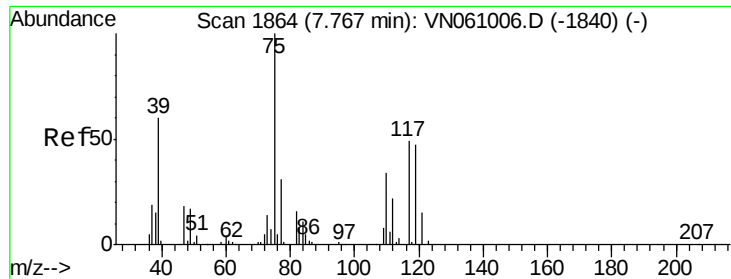
0

7.56

7.45 7.50 7.55 7.60 7.65

Time-->





#36

1,1-Dichloropropene

Concen: 4.500 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

FB-2020-04-13

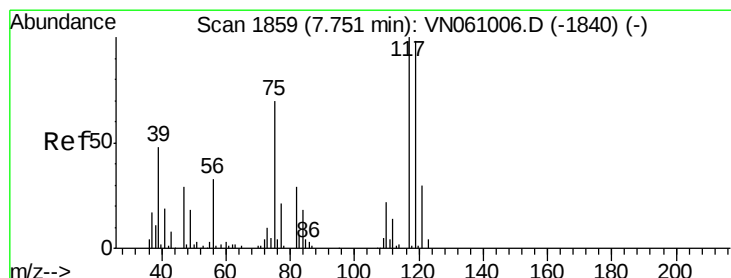
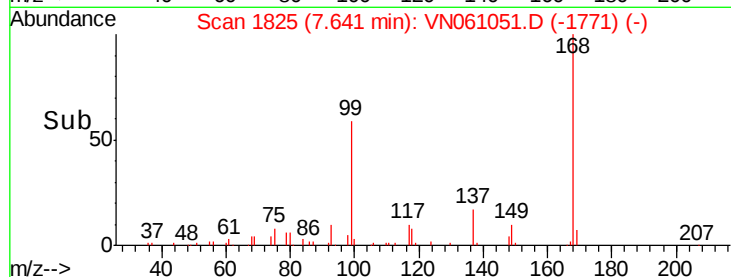
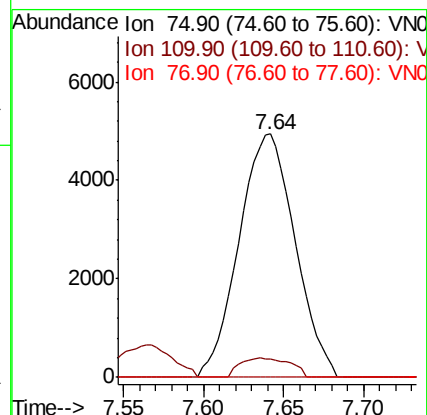
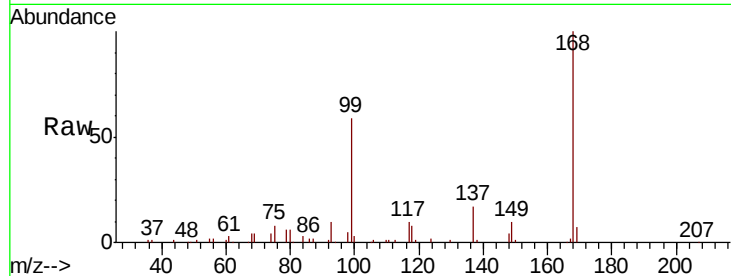
Tot Ion: 75 Resp: 11874

Ion Ratio Lower Upper

75 100

110 7.1 16.8 50.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

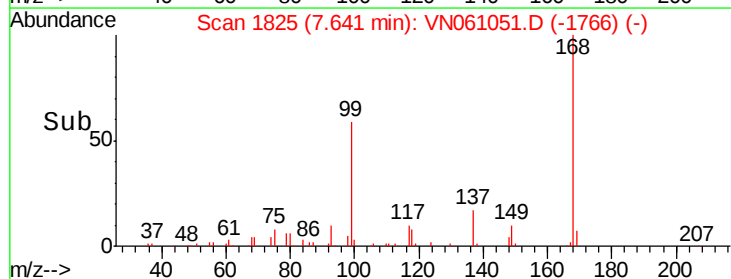
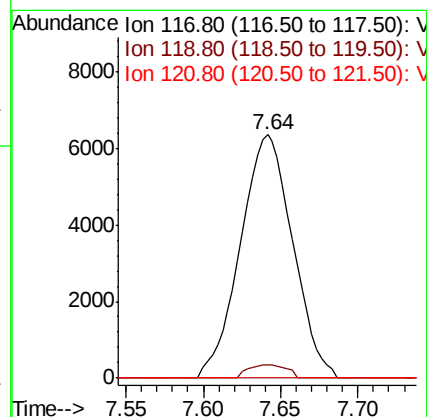
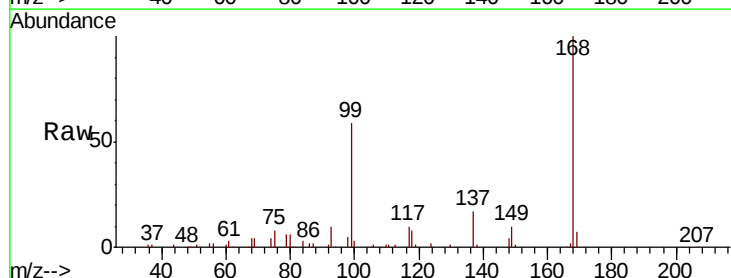
Tgt Ion: 117 Resp: 14943

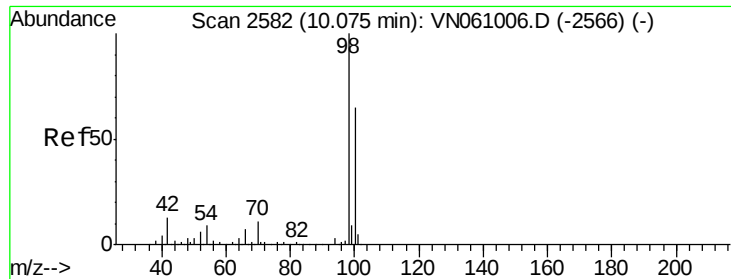
Ion Ratio Lower Upper

117 100

119 5.3 78.1 117.1#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 55.953 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

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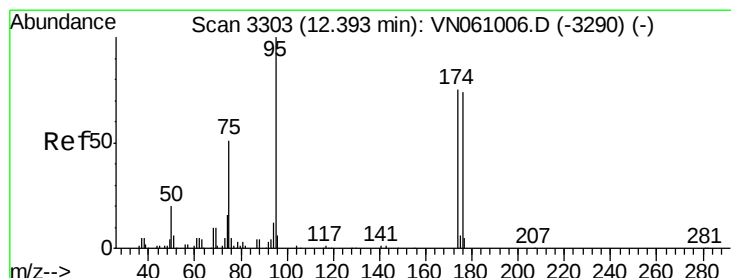
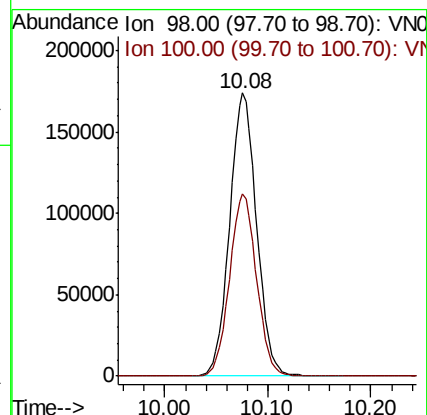
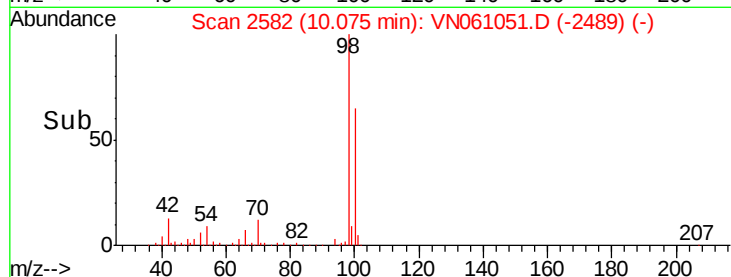
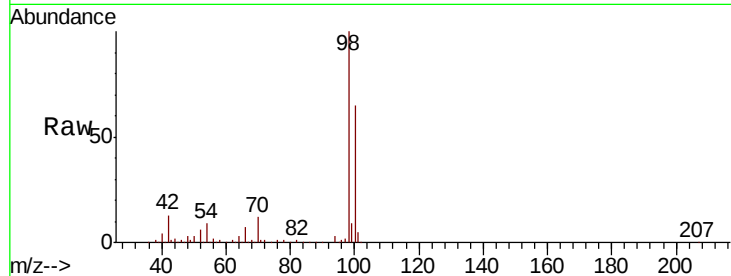
FB-2020-04-13

Tot Ion: 98 Resp: 315703

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.448 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

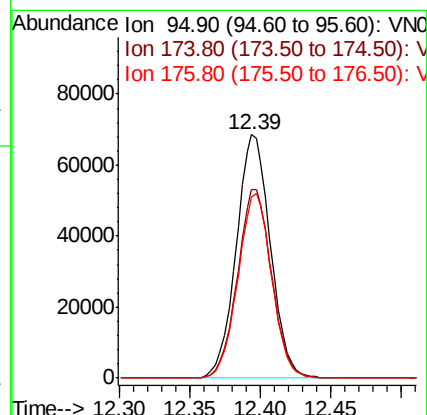
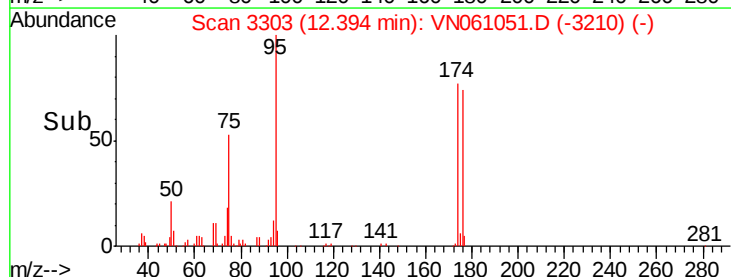
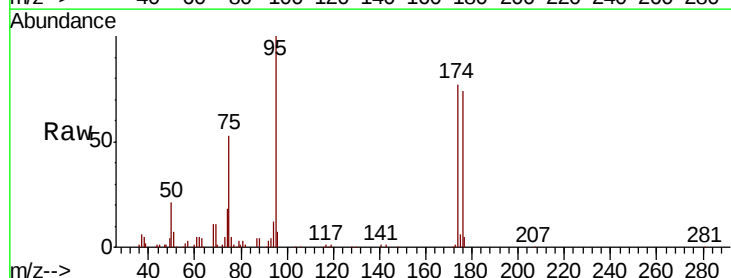
Tgt Ion: 95 Resp: 115983

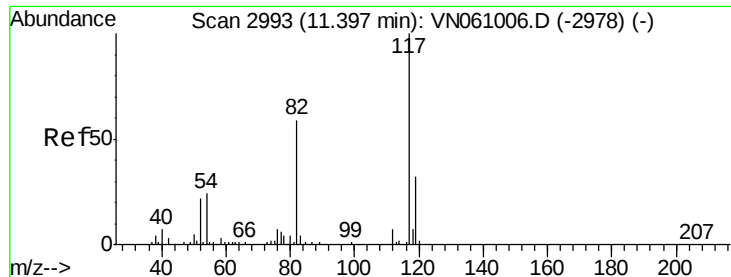
Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.2

176 75.0 0.0 148.2

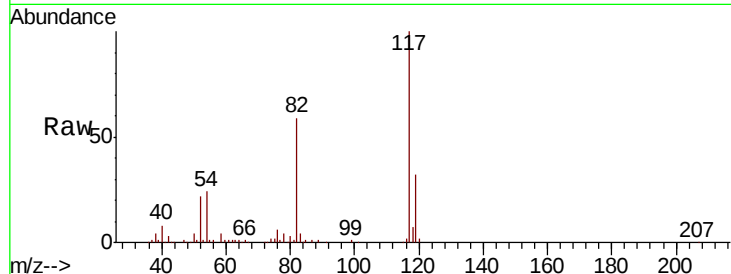




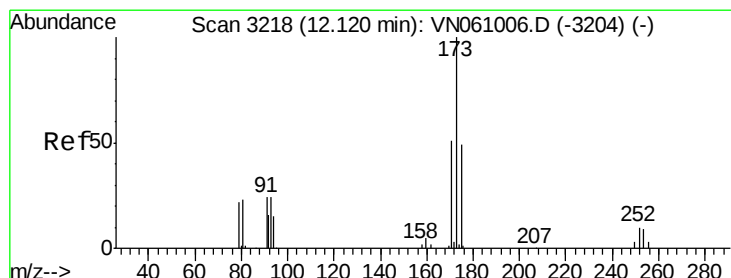
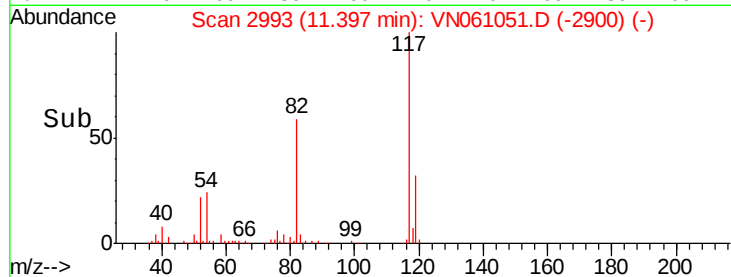
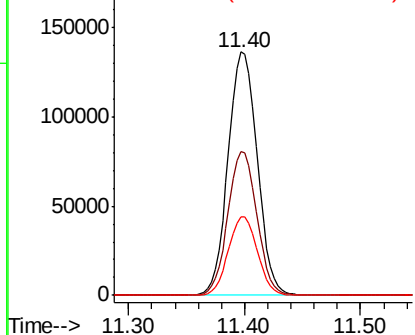
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

Instrument :
MSVOA_N
ClientSampleId :
FB-2020-04-13

Tot Ion:117 Resp: 238584
Ion Ratio Lower Upper
117 100
82 59.2 47.1 70.7
119 32.2 25.7 38.5

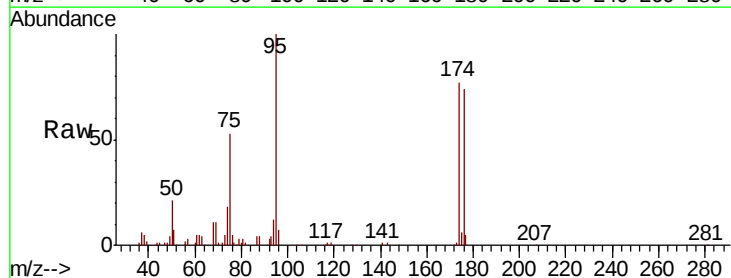


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

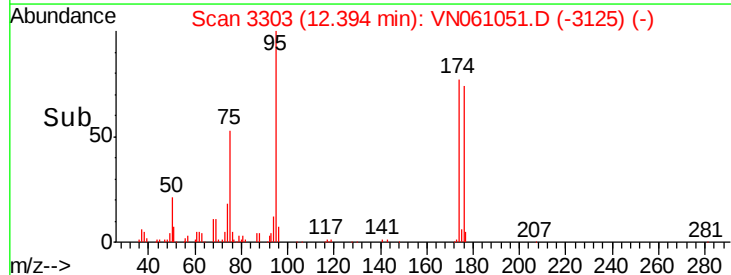
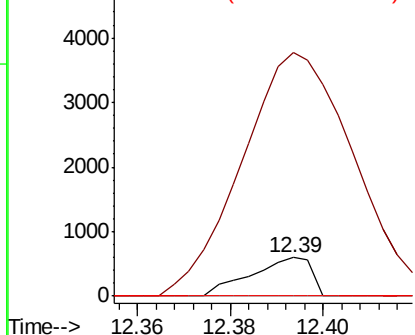


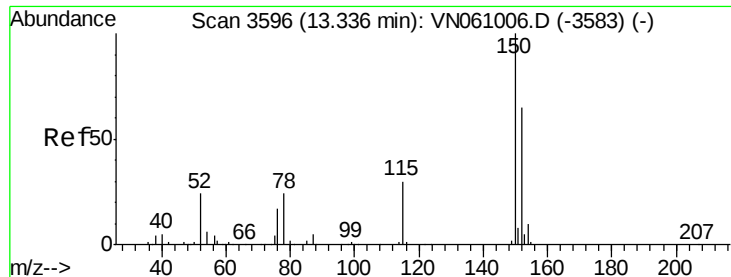
#71
Bromoform
Concen: 0.413 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN061051.D
Acq: 17 Apr 2020 15:23

Tgt Ion:173 Resp: 543
Ion Ratio Lower Upper
173 100
175 1025.8 24.5 73.5#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

Instrument :

MSVOA_N

ClientSampled :

FB-2020-04-13

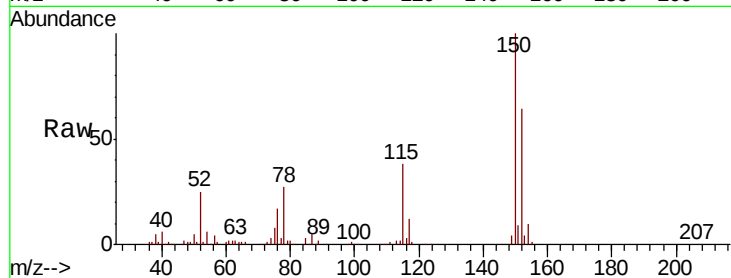
Tot Ion:152 Resp: 106401

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

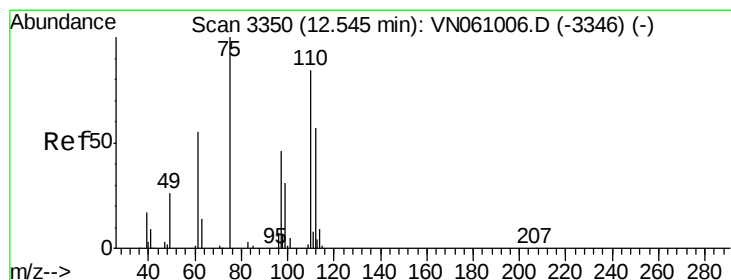
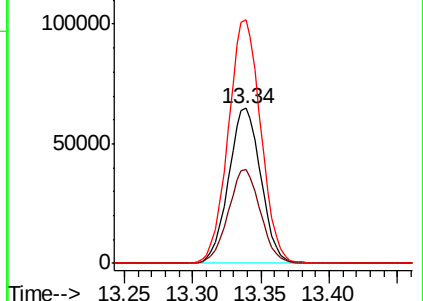
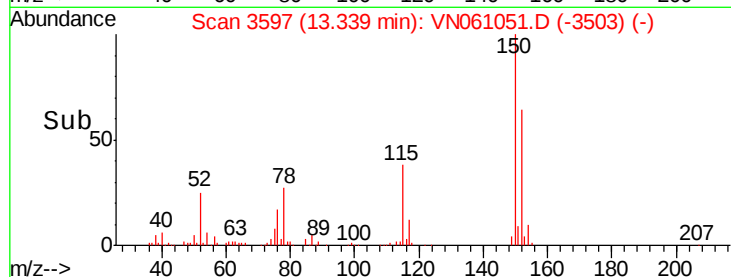
150 158.3 0.0 349.0



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: 26.064 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061051.D

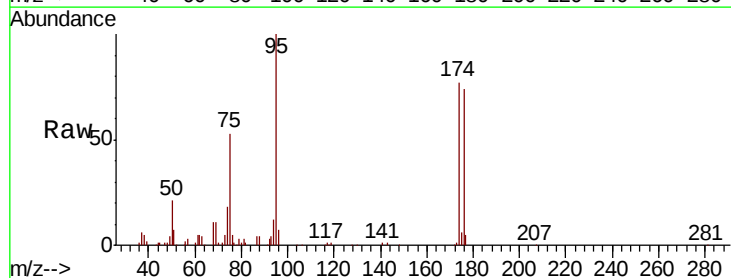
Acq: 17 Apr 2020 15:23

Tgt Ion: 75 Resp: 60999

Ion Ratio Lower Upper

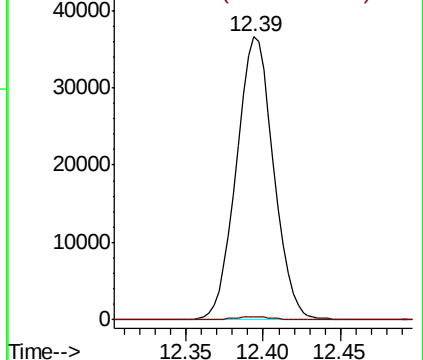
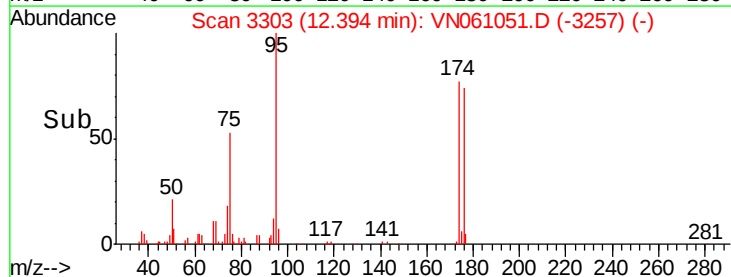
75 100

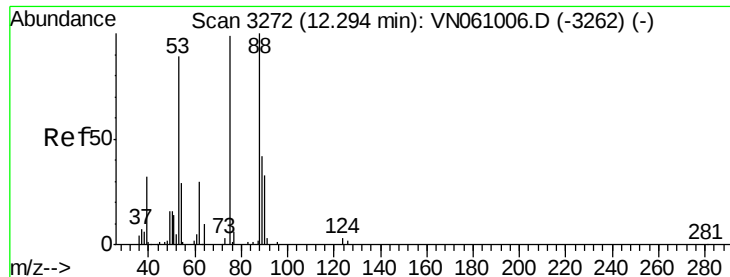
77 1.0 0.0 0.0#



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: 64.288 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061051.D

Acq: 17 Apr 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

FB-2020-04-13

Tot Ion: 75 Resp: 60999

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

