

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061105.D
 Acq On : 20 Apr 2020 16:37
 Operator : JC/MD
 Sample : L2330-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2020-04-16

Quant Time: Apr 21 04:00:33 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	140151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	224680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	95454	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	97183	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.56	113	71705	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.08	98	297357	56.00	ug/l	0.00
Spiked Amount			Recovery	=	112.00%	
62) 4-Bromofluorobenzene	12.40	95	107242	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

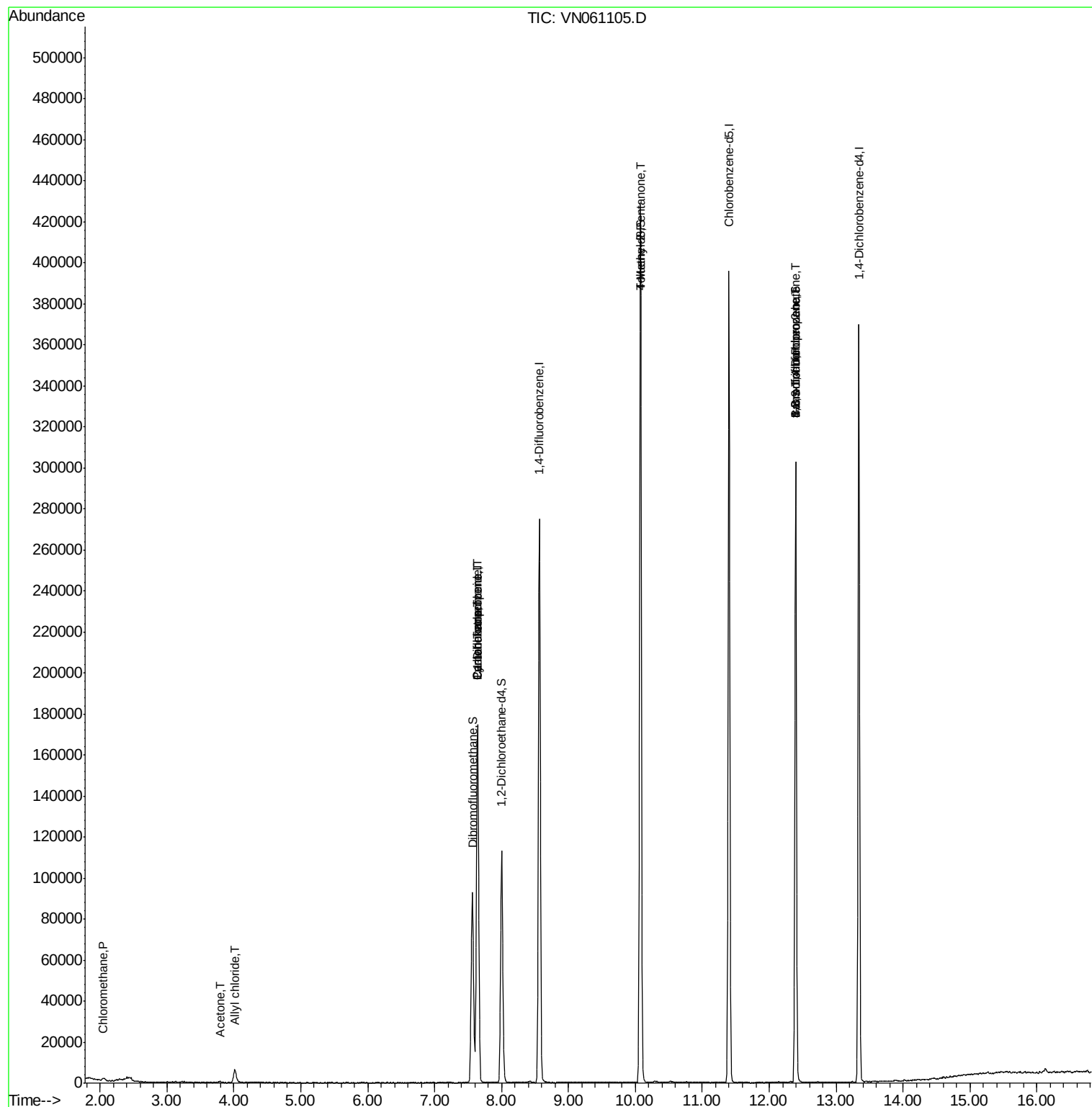
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	507	0.204	ug/l #	87
14) Allyl chloride	4.01	41	888	0.306	ug/l #	80
16) Acetone	3.79	43	791	1.002	ug/l #	44
31) Cyclohexane	7.64	56	3226	0.966	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11513	4.637	ug/l #	50
38) Carbon Tetrachloride	7.64	117	13565	6.563	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1332	0.527	ug/l #	1
71) Bromoform	12.39	173	391	0.316	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	55322	26.349	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	55322	64.992	ug/l #	12

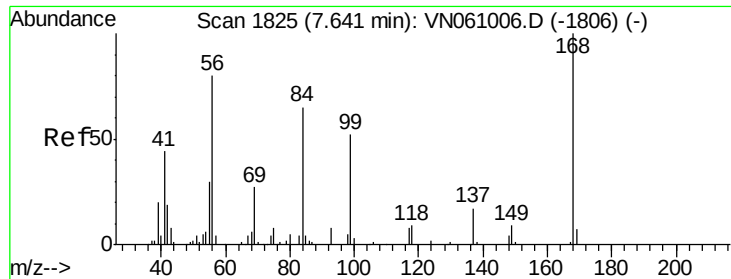
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042020\
Data File : VN061105.D
Acq On : 20 Apr 2020 16:37
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
TB-2020-04-16

Quant Time: Apr 21 04:00:33 2020
Quant Method : Z:\V0ASRV\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: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

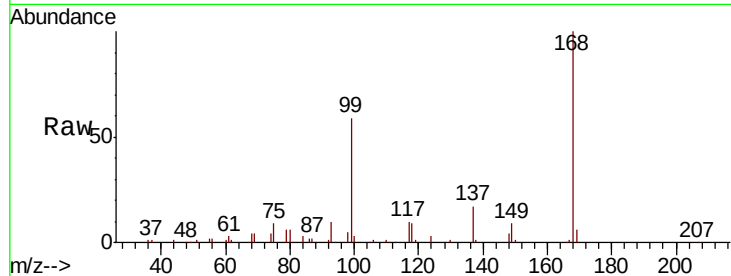
TB-2020-04-16

Tot Ion:168 Resp: 140151

Ion Ratio Lower Upper

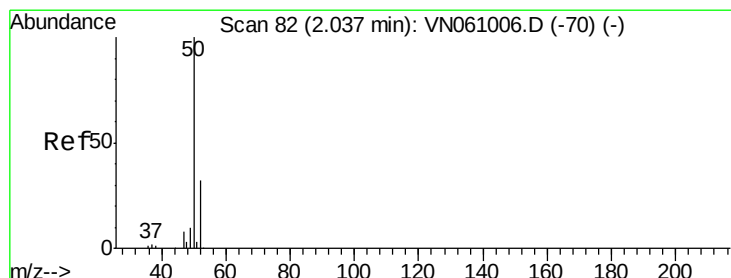
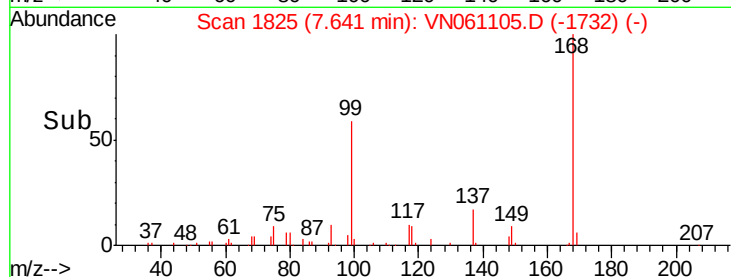
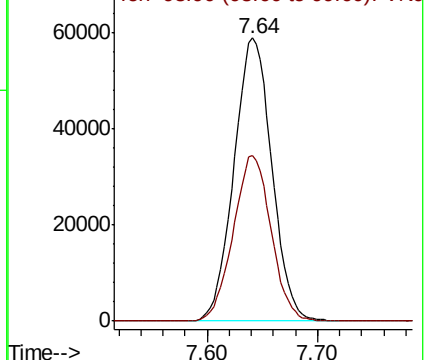
168 100

99 58.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.204 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN061105.D

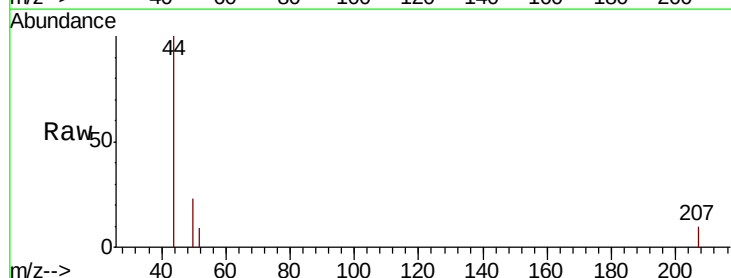
Acq: 20 Apr 2020 16:37

Tgt Ion: 50 Resp: 507

Ion Ratio Lower Upper

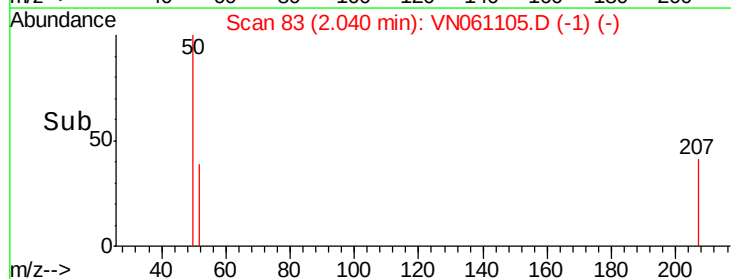
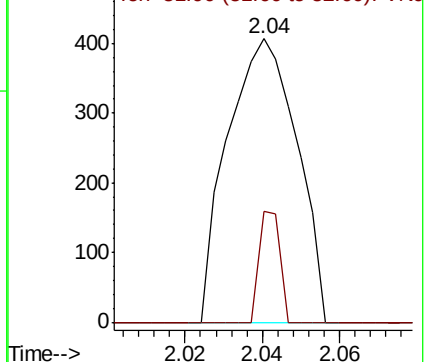
50 100

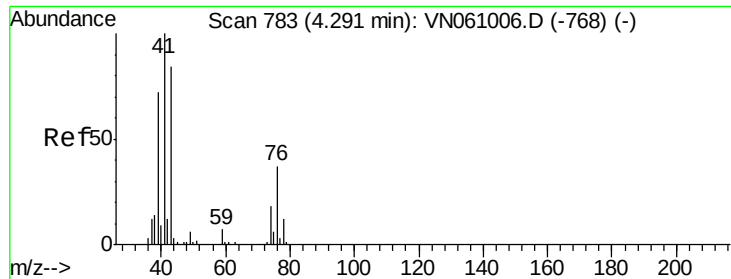
52 39.1 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

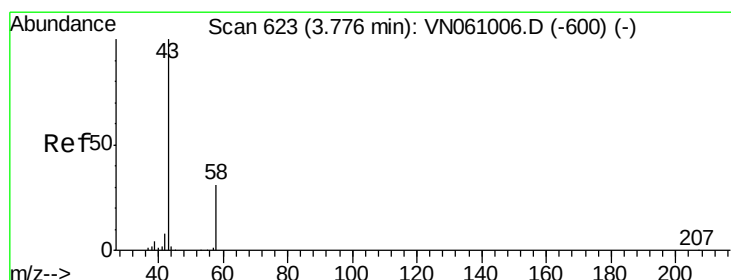
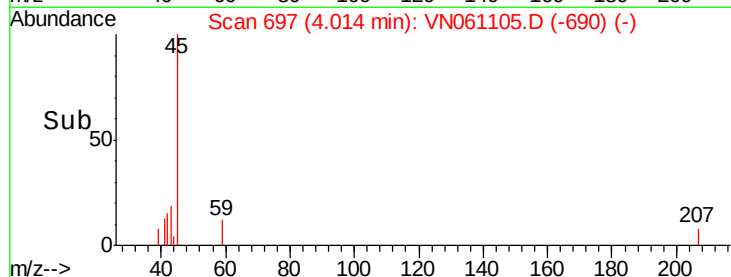
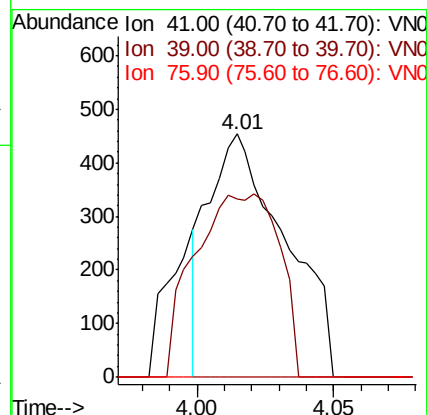
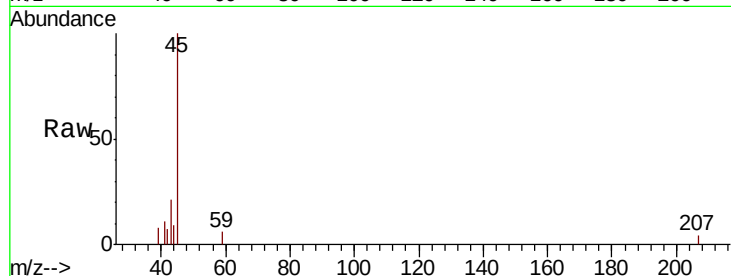




#14
Allvl chloride
Concen: 0.306 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.28 min
Lab File: VN061105.D
Acq: 20 Apr 2020 16:37

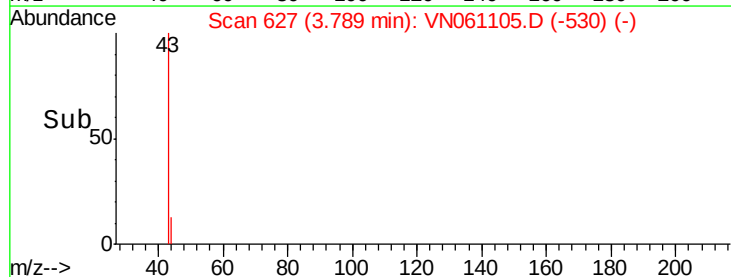
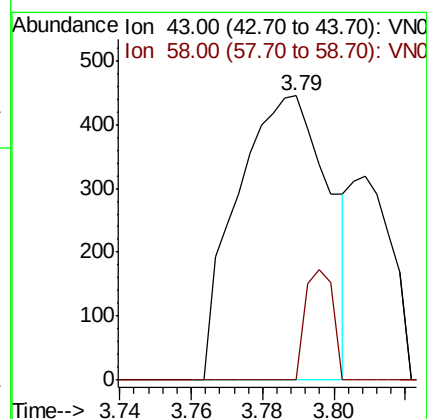
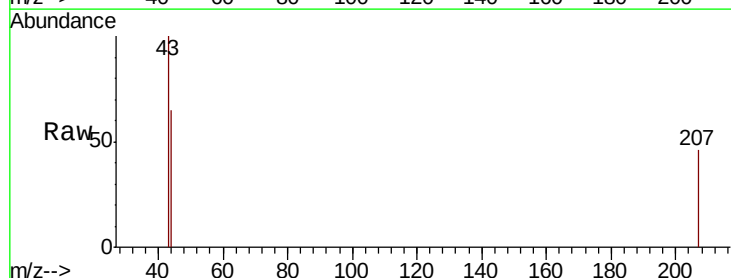
Instrument :
MSVOA_N
ClientSampleId :
TB-2020-04-16

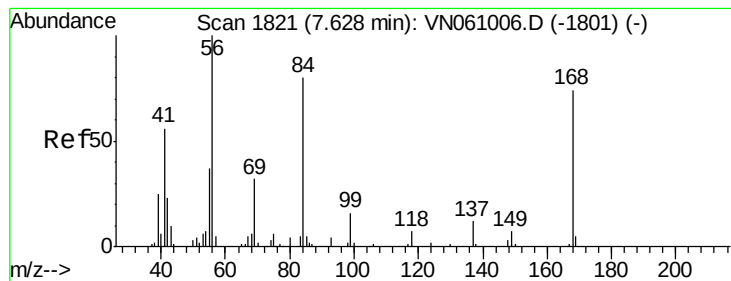
Tot Ion: 41 Resp: 888
Ion Ratio Lower Upper
41 100
39 70.0 56.3 84.5
76 0.0 27.7 41.5#



#16
Acetone
Concen: 1.002 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN061105.D
Acq: 20 Apr 2020 16:37

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#





#31

Cyclohexane

Concen: 0.966 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.02 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-04-16

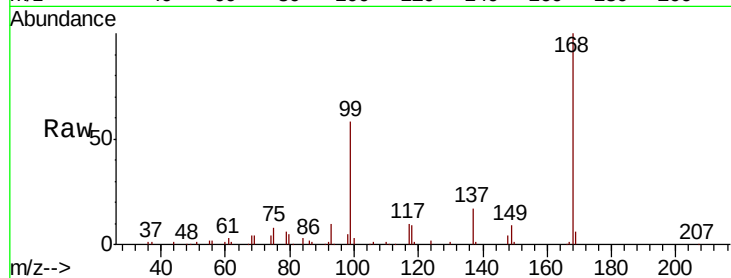
Tot Ion: 56 Resp: 3226

Ion Ratio Lower Upper

56 100

69 158.1 25.6 38.4#

84 139.4 63.4 95.2#

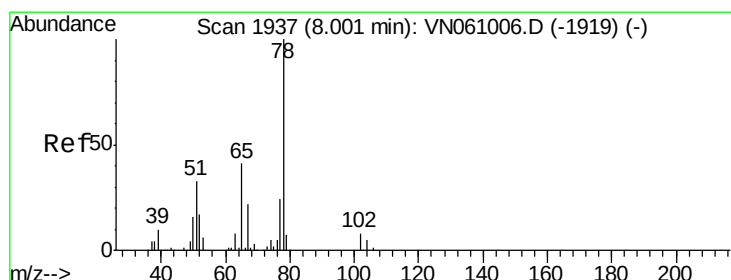
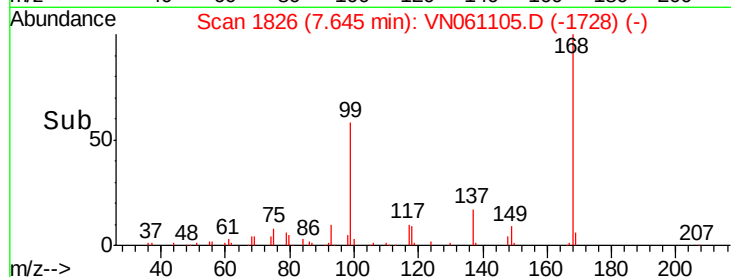
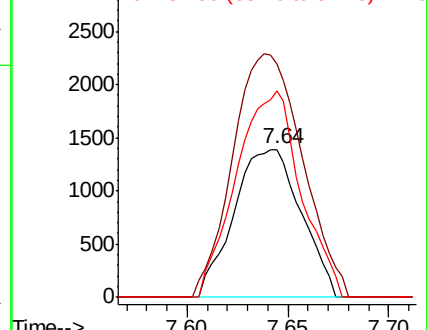


Abundance

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: 54.197 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061105.D

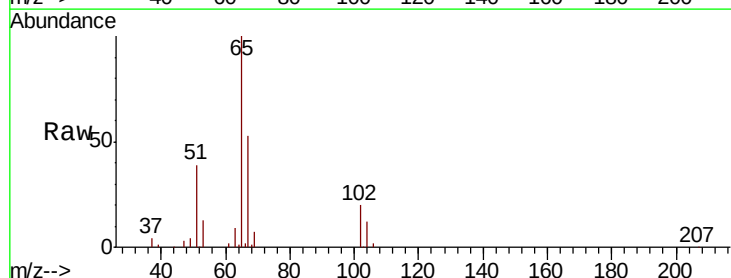
Acq: 20 Apr 2020 16:37

Tgt Ion: 65 Resp: 97183

Ion Ratio Lower Upper

65 100

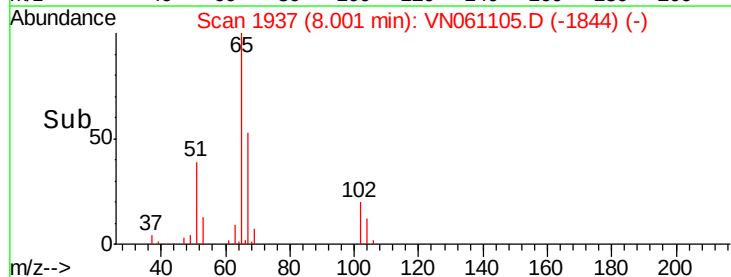
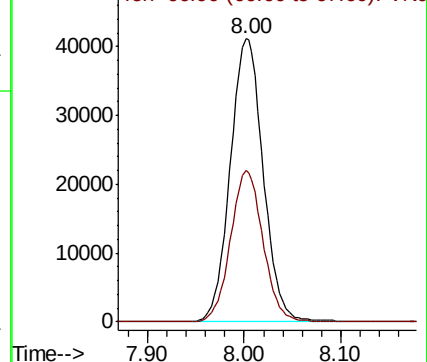
67 52.5 0.0 107.0

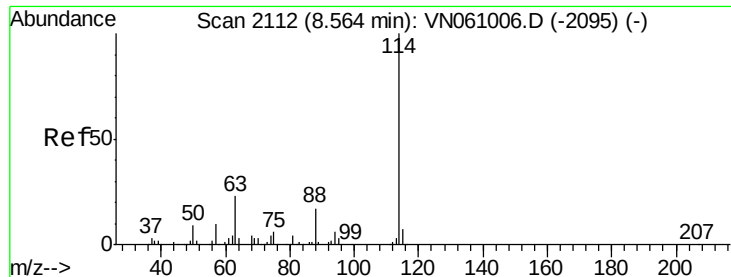


Abundance

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: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-04-16

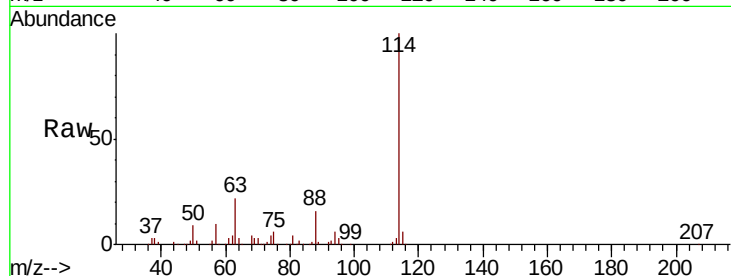
Tot Ion:114 Resp: 240625

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

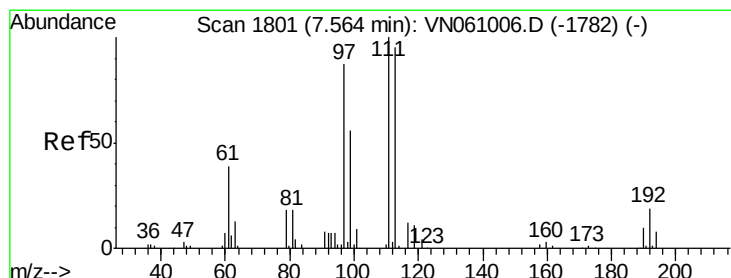
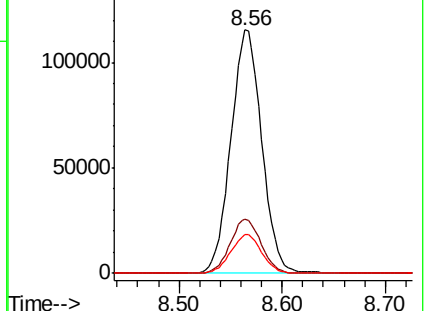
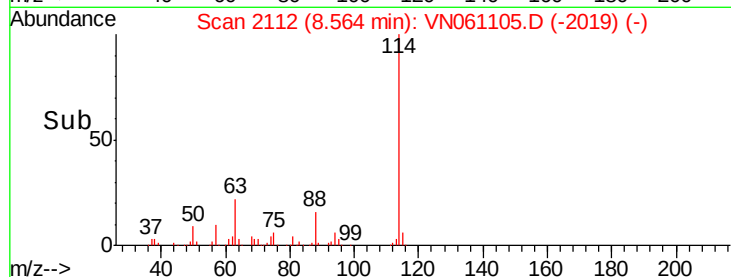
88 16.1 0.0 33.4



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: 51.028 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

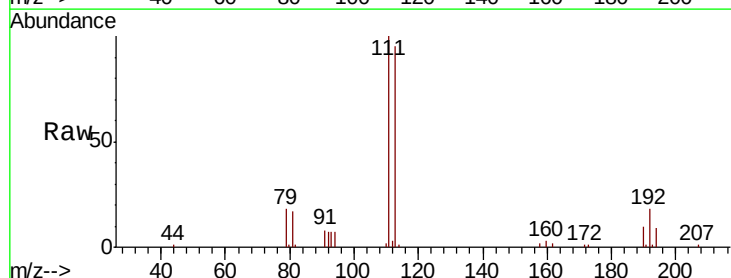
Tgt Ion:113 Resp: 71705

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

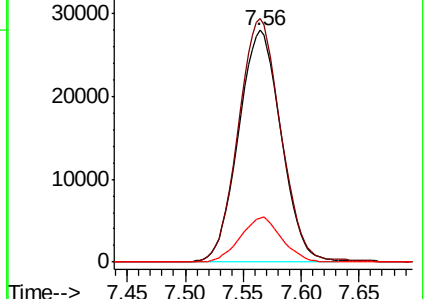
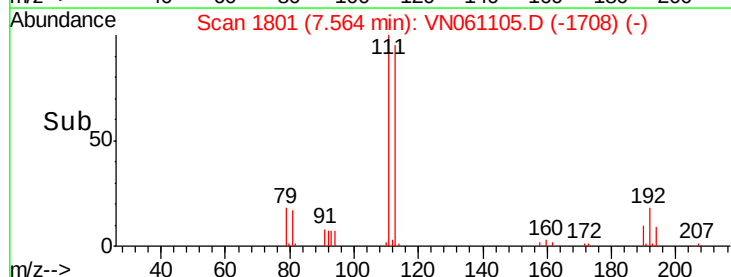
192 18.7 15.5 23.3

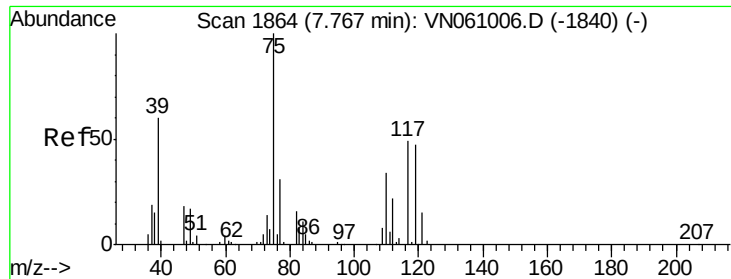


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

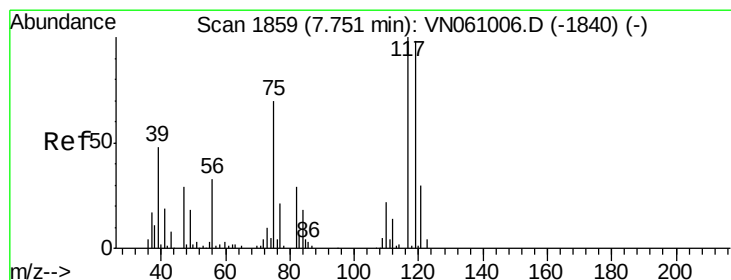
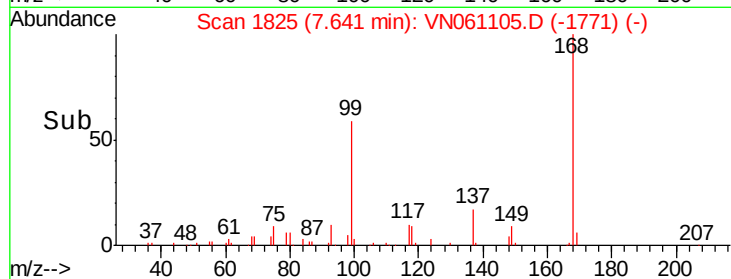
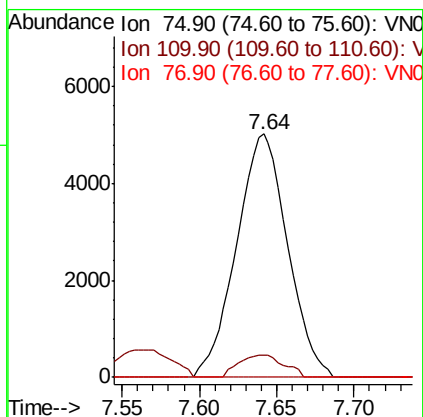
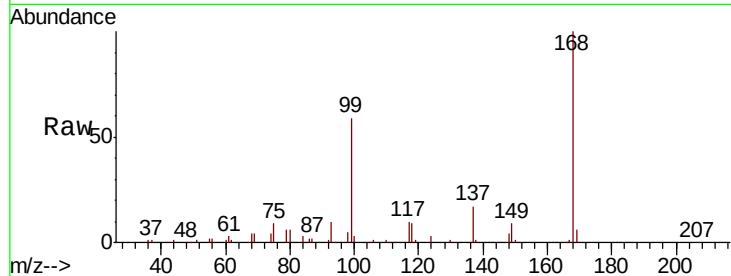




#36
 1,1-Dichloropropene
 Concen: 4.637 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061105.D
 Acq: 20 Apr 2020 16:37

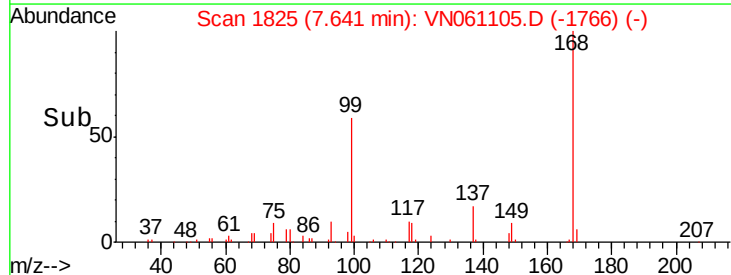
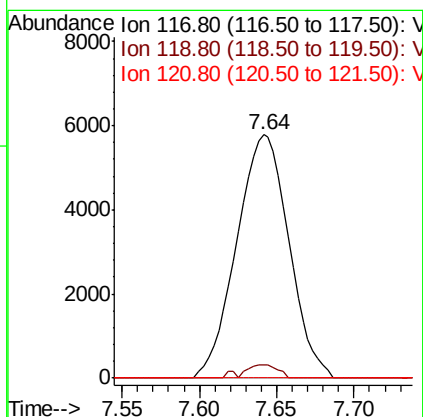
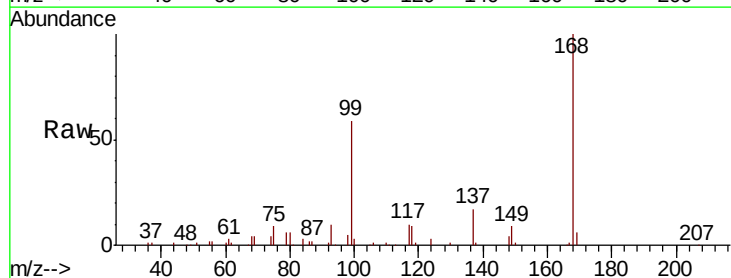
Instrument :
 MSVOA_N
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 TB-2020-04-16

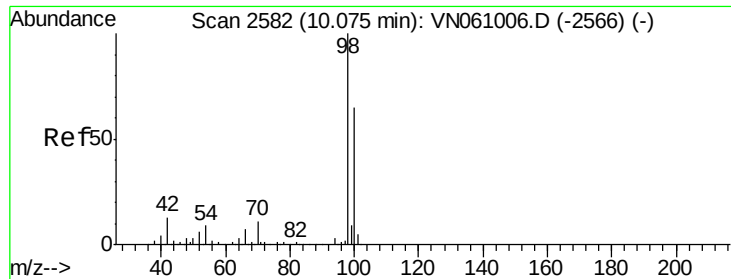
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.563 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061105.D
 Acq: 20 Apr 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	24.0	36.0#

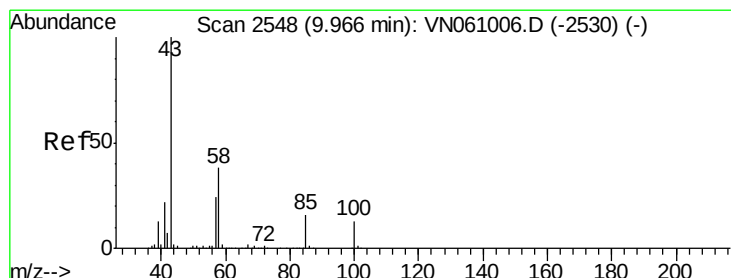
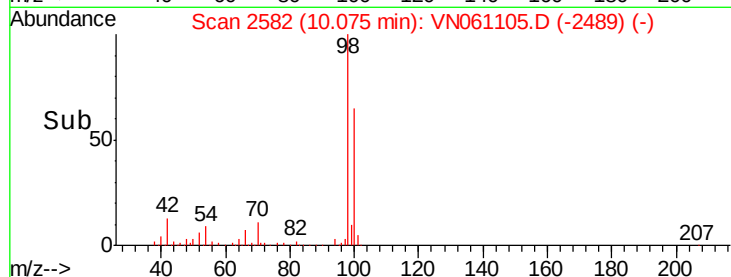
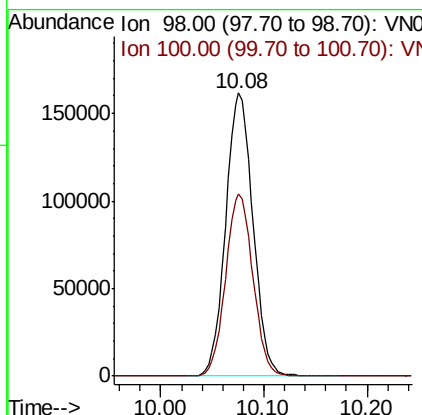
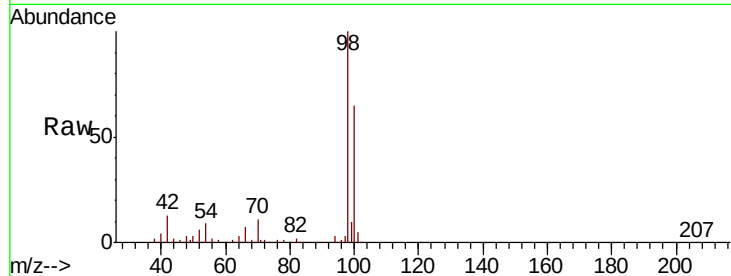




#50
Toluene-d8
Concen: 55.999 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061105.D
Acq: 20 Apr 2020 16:37

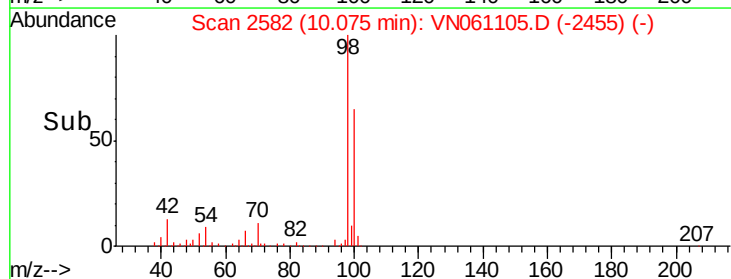
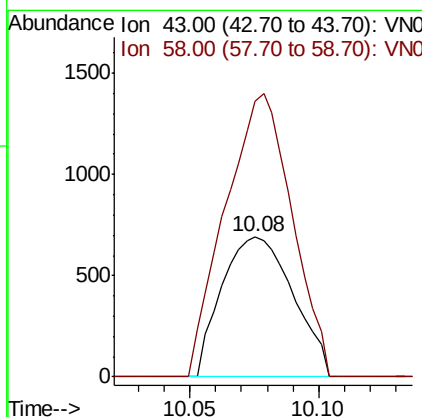
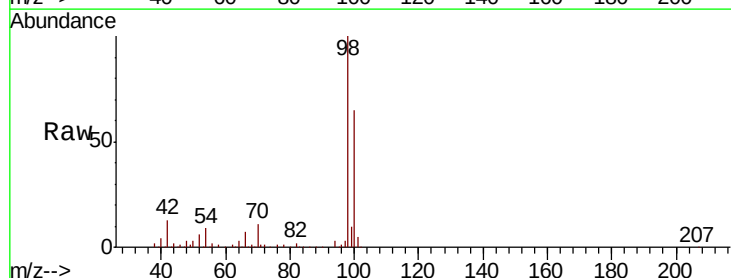
Instrument :
MSVOA_N
ClientSampled :
TB-2020-04-16

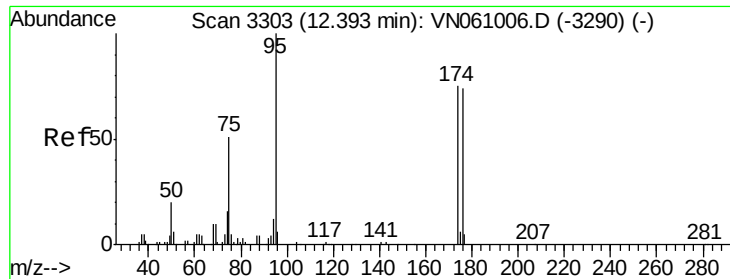
Tot Ion: 98 Resp: 297357
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.11 min
Lab File: VN061105.D
Acq: 20 Apr 2020 16:37

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 189.6 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 51.530 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-04-16

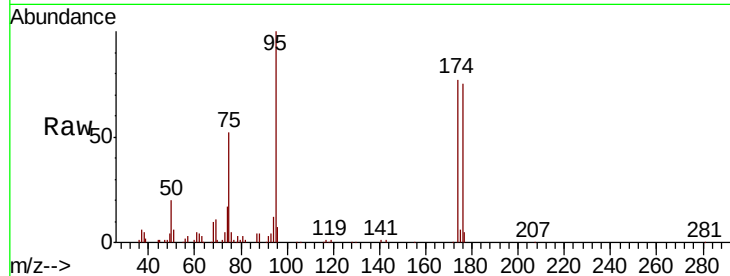
Tot Ion: 95 Resp: 107242

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.2

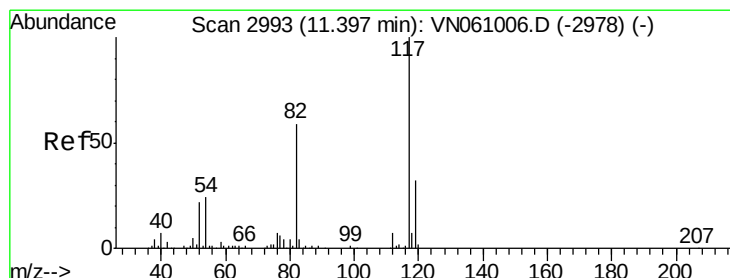
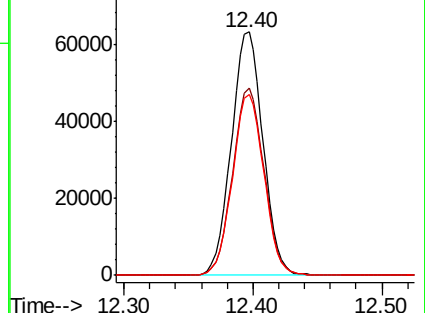
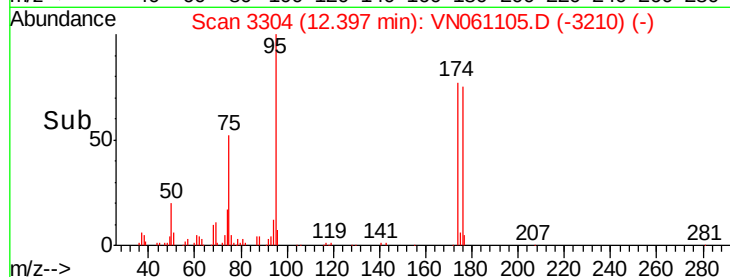
176 74.1 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061105.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061105.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061105.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

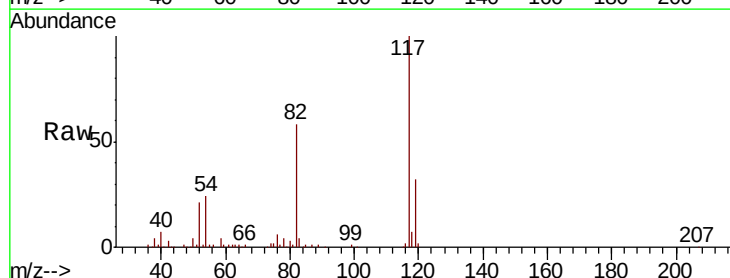
Tgt Ion: 117 Resp: 224680

Ion Ratio Lower Upper

117 100

82 58.1 47.1 70.7

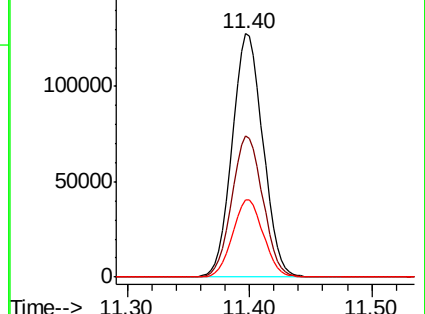
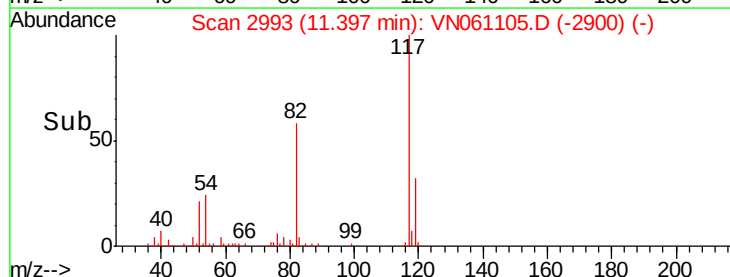
119 31.6 25.7 38.5

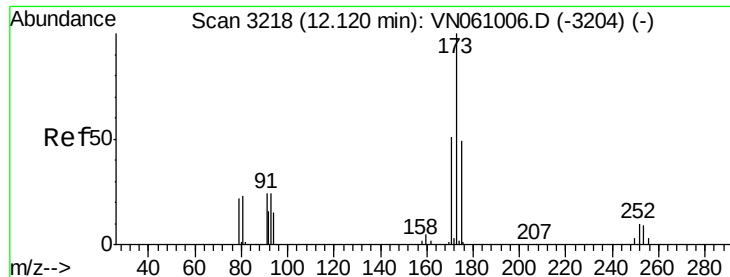


Abundance Ion 116.90 (116.60 to 117.60): VN061105.D (-2900) (-)

Ion 82.00 (81.70 to 82.70): VN061105.D (-2900) (-)

Ion 118.90 (118.60 to 119.60): VN061105.D (-2900) (-)





#71

Bromoform

Concen: 0.316 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

TB-2020-04-16

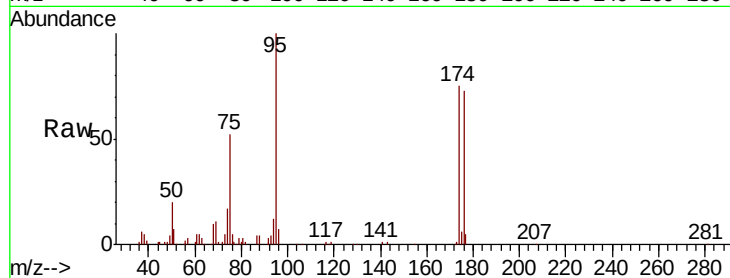
Tot Ion:173 Resp: 391

Ion Ratio Lower Upper

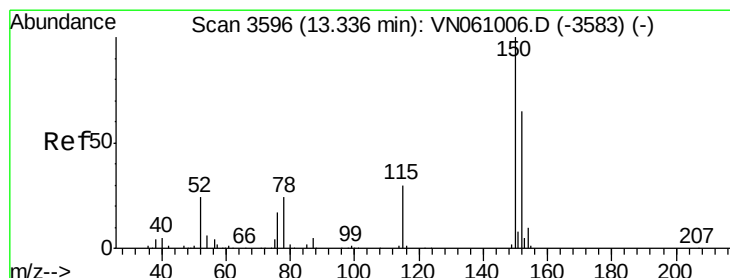
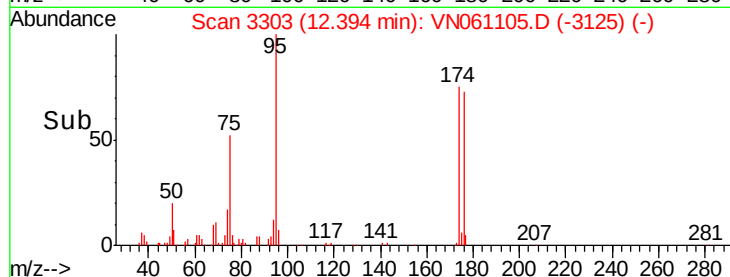
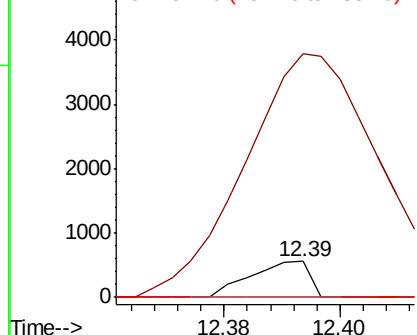
173 100

175 1369.8 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: VN061105.D

Acq: 20 Apr 2020 16:37

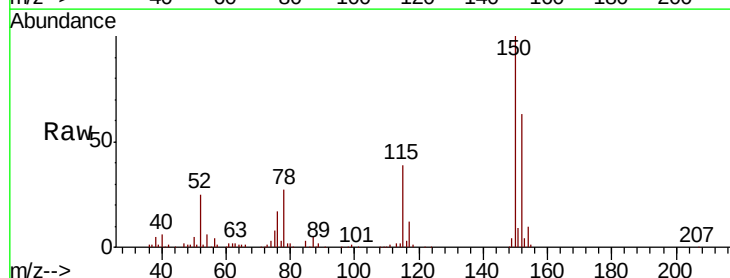
Tgt Ion:152 Resp: 95454

Ion Ratio Lower Upper

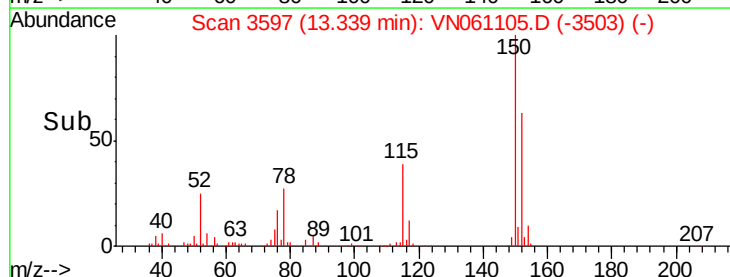
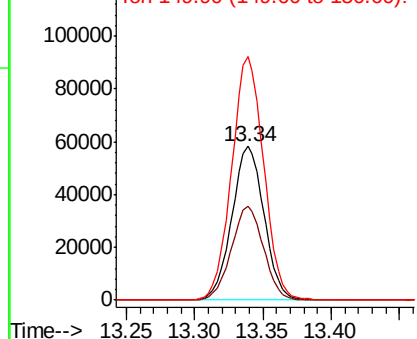
152 100

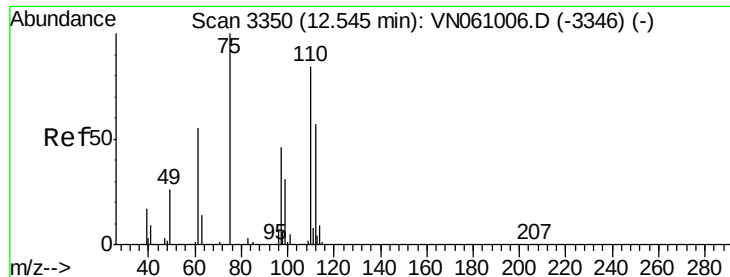
115 60.8 30.8 92.4

150 157.3 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: 26.349 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Instrument :

MSVOA_N

ClientSampled :

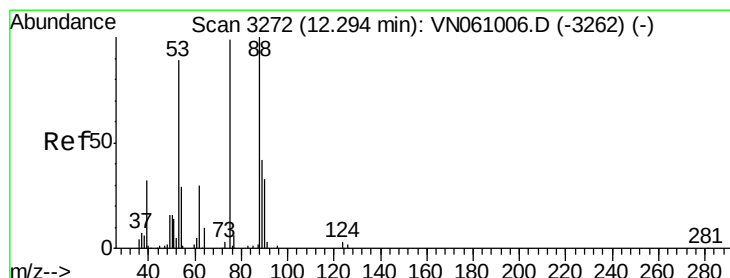
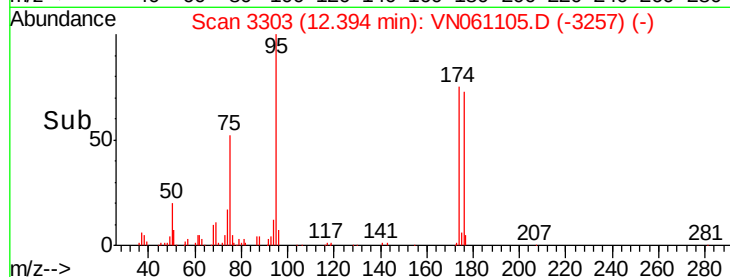
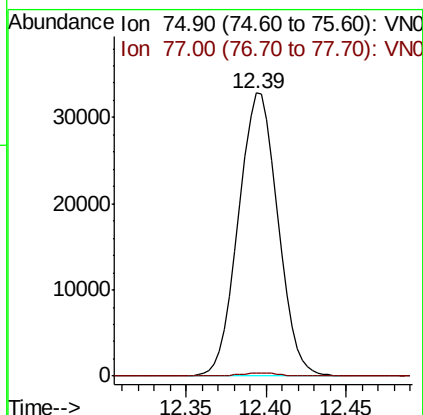
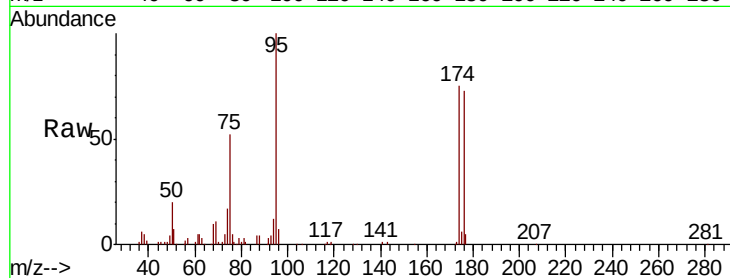
TB-2020-04-16

Tot Ion: 75 Resp: 55322

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.992 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061105.D

Acq: 20 Apr 2020 16:37

Tgt Ion: 75 Resp: 55322

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

