

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061076.D
 Acq On : 18 Apr 2020 1:36
 Operator : JC/MD
 Sample : L2338-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:40:28 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

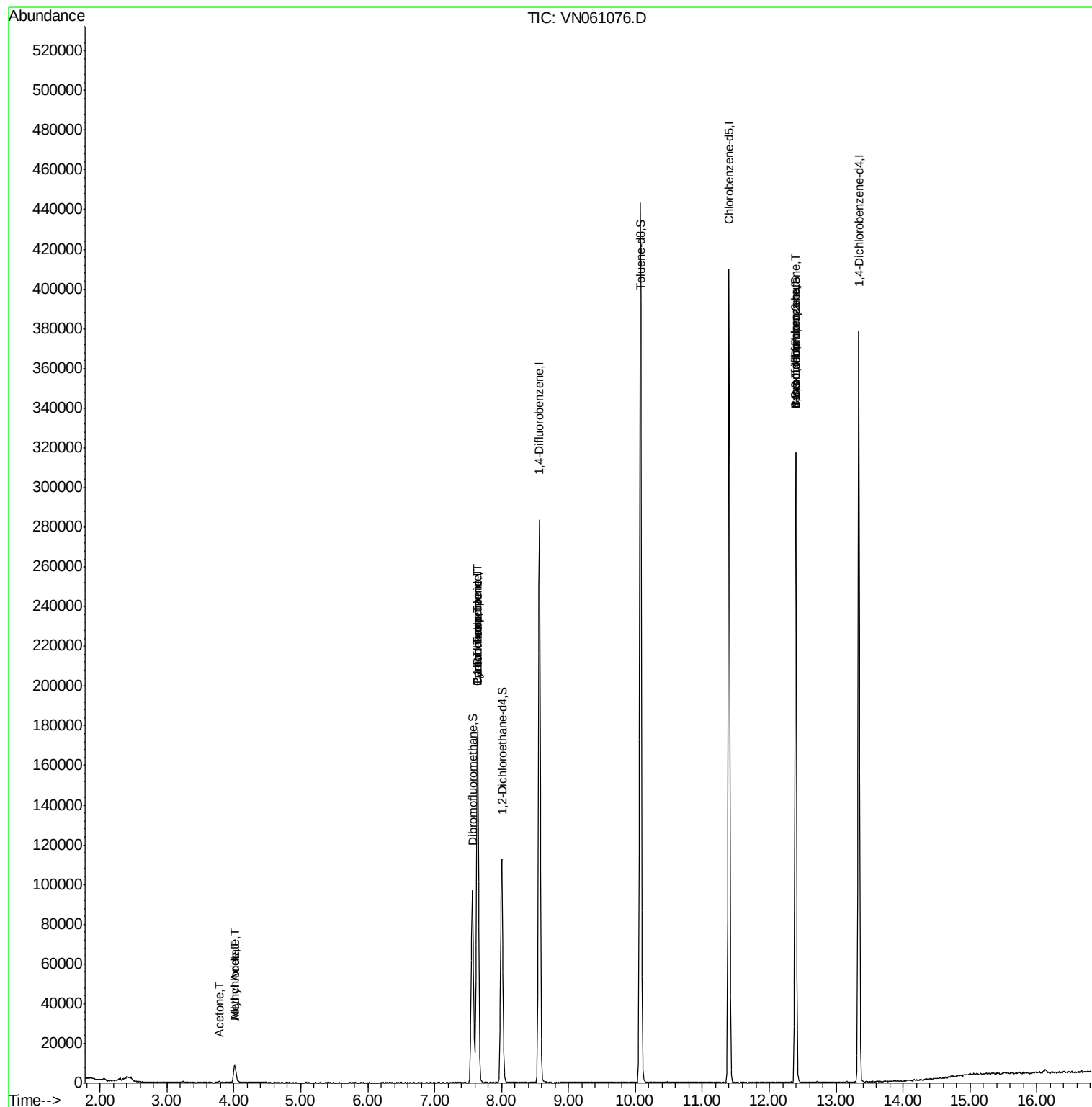
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	246479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99037	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.56	113	74592	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.08	98	303386	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.39	95	109917	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
14) Allyl chloride	4.01	41	1082	0.361	ug/l #	83
16) Acetone	3.78	43	598	0.734	ug/l #	44
18) Methyl Acetate	4.01	43	3296	1.290	ug/l #	54
31) Cyclohexane	7.64	56	3420	0.991	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11845	4.657	ug/l #	50
38) Carbon Tetrachloride	7.64	117	13965	6.596	ug/l #	15
71) Bromoform	12.40	173	603	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	57439	26.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57439	65.593	ug/l #	12

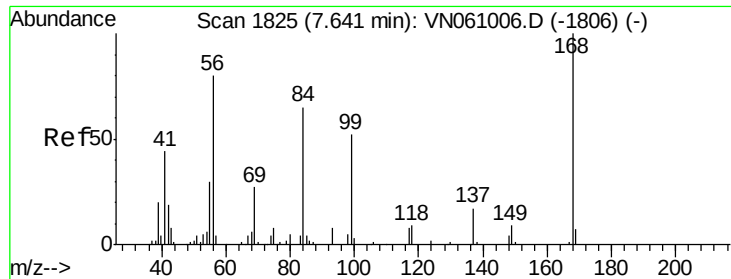
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061076.D

Acq: 18 Apr 2020 1:36

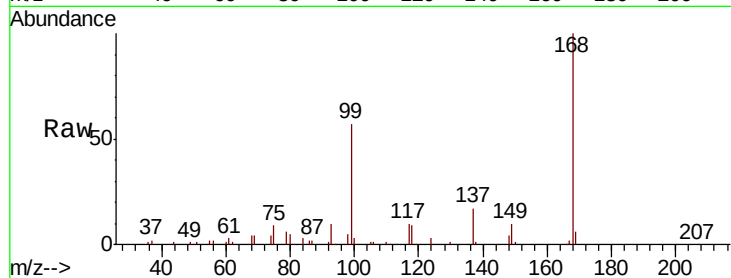
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 144734

Ion Ratio Lower Upper

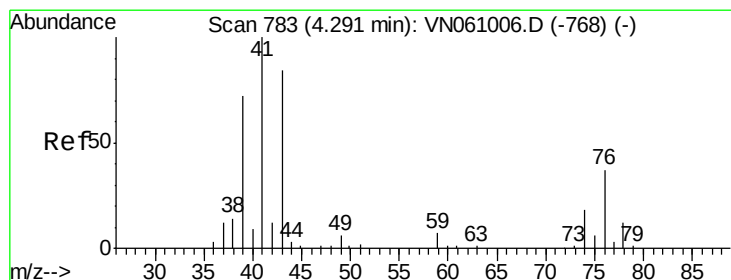
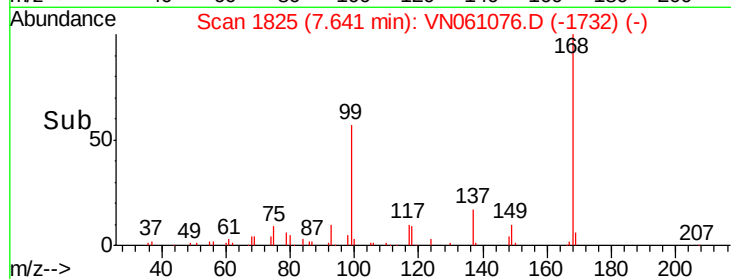
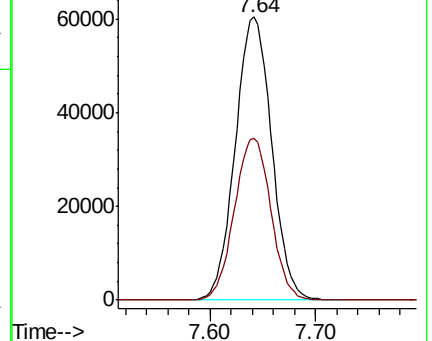
168 100

99 57.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.361 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN061076.D

Acq: 18 Apr 2020 1:36

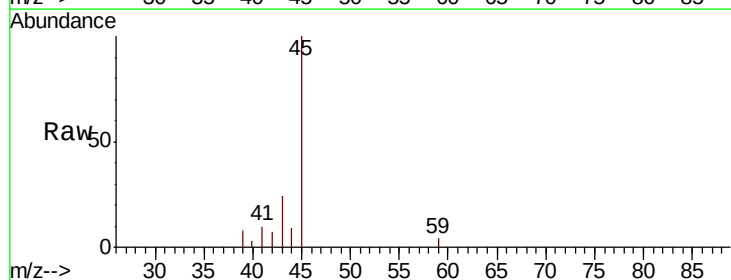
Tgt Ion: 41 Resp: 1082

Ion Ratio Lower Upper

41 100

39 69.9 56.3 84.5

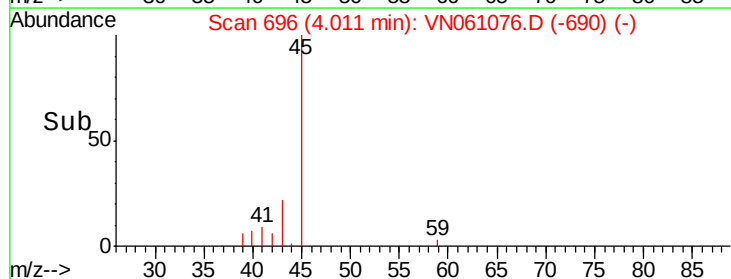
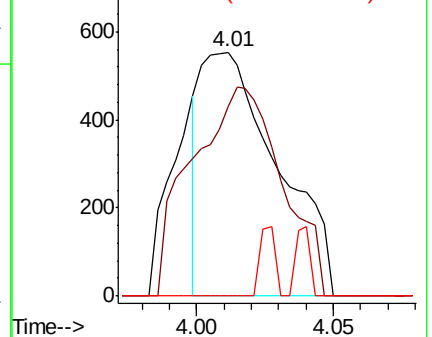
76 5.5 27.7 41.5#

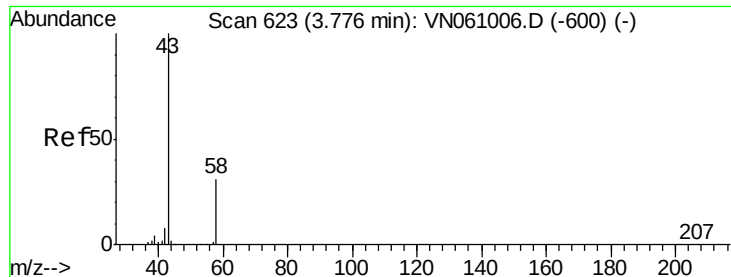


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 0.734 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061076.D

Acq: 18 Apr 2020 1:36

Instrument :

MSVOA_N

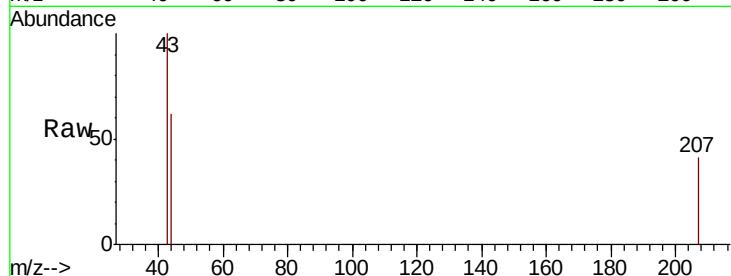
ClientSampled :

Tot Ion: 43 Resp: 598

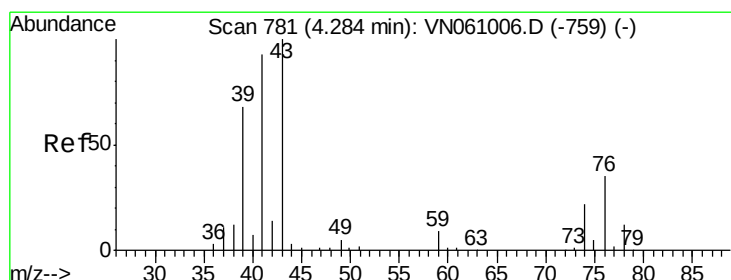
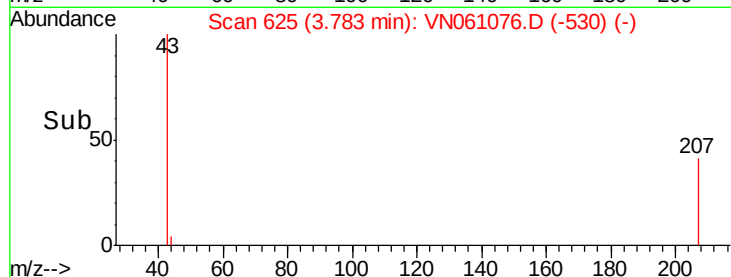
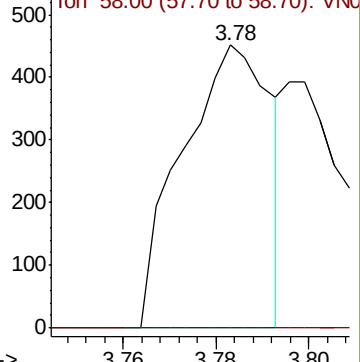
Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061076.D (-530) (-)



#18

Methyl Acetate

Concen: 1.290 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.28 min

Lab File: VN061076.D

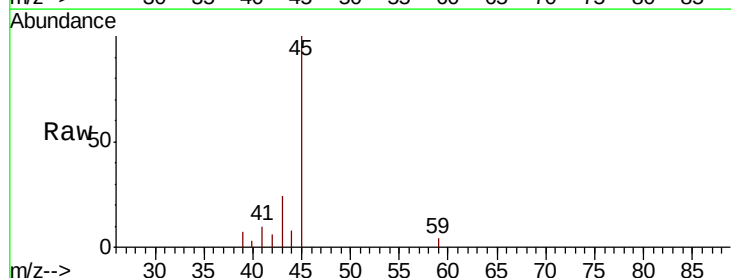
Acq: 18 Apr 2020 1:36

Tgt Ion: 43 Resp: 3296

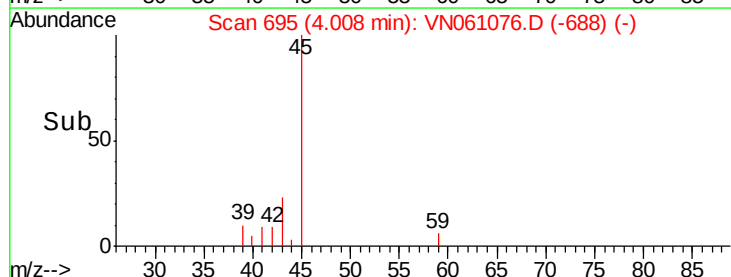
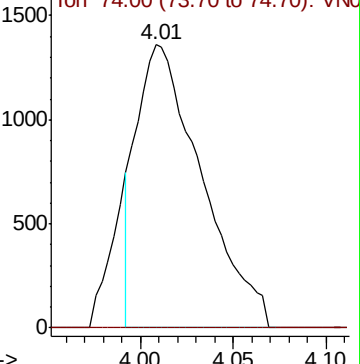
Ion Ratio Lower Upper

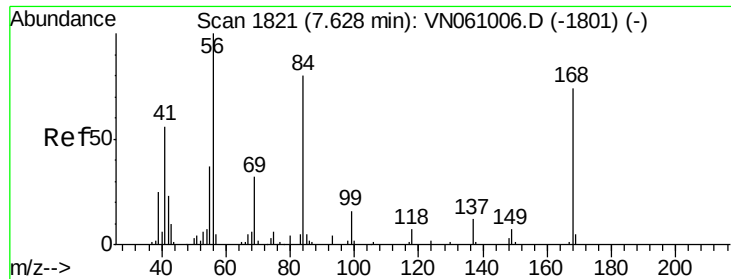
43 100

74 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061076.D (-688) (-)

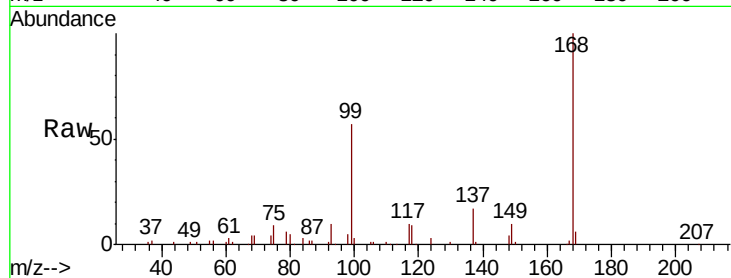




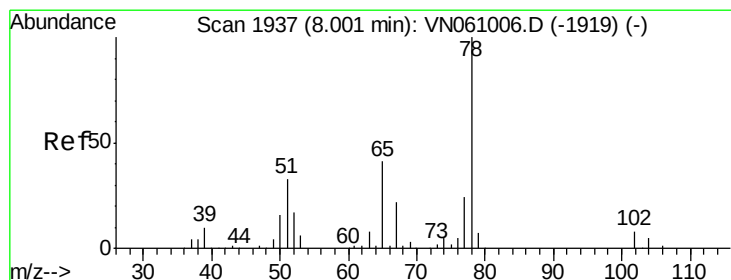
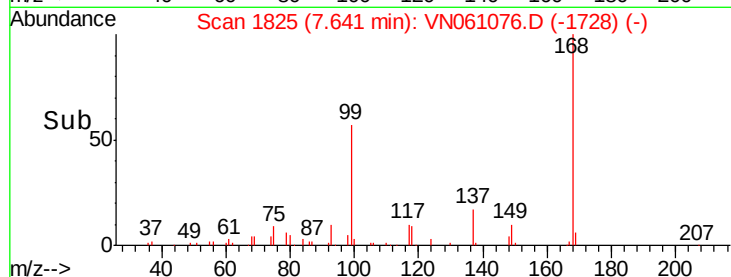
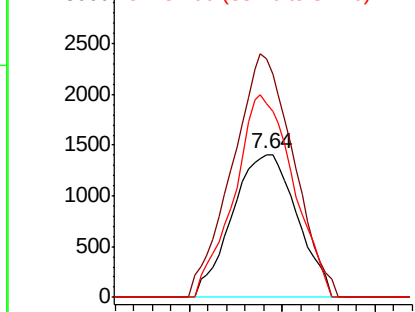
#31
Cyclohexane
Concen: 0.991 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3420
Ion Ratio Lower Upper
56 100
69 167.4 25.6 38.4#
84 136.0 63.4 95.2#

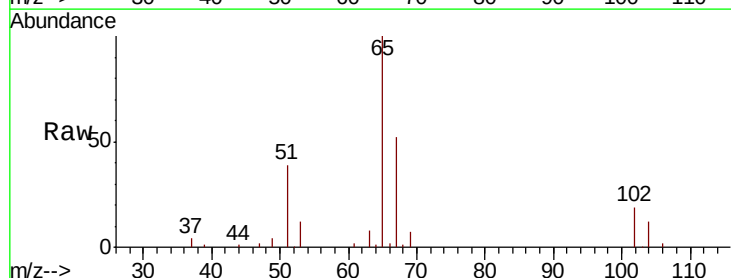


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

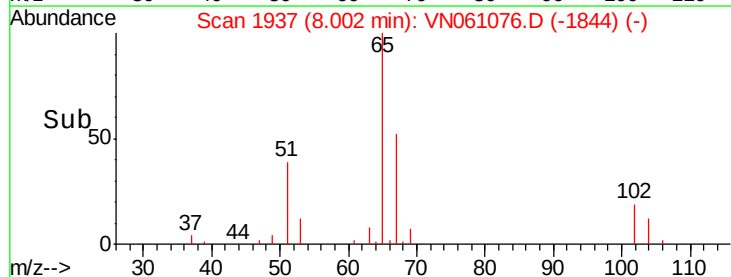
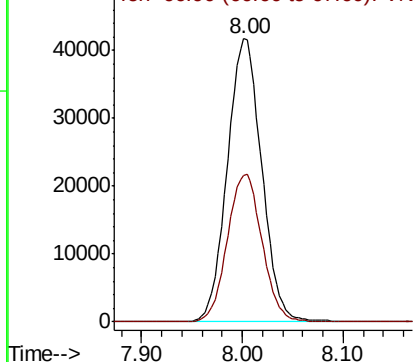


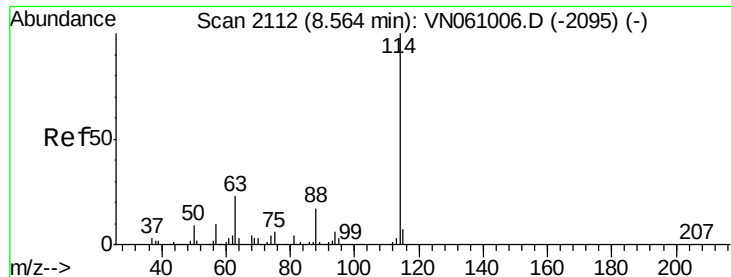
#33
1,2-Dichloroethane-d4
Concen: 53.482 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

Tgt Ion: 65 Resp: 99037
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

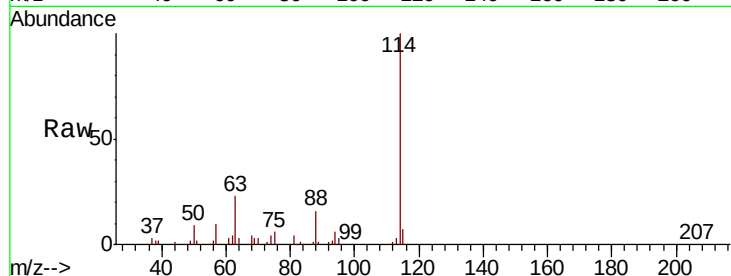




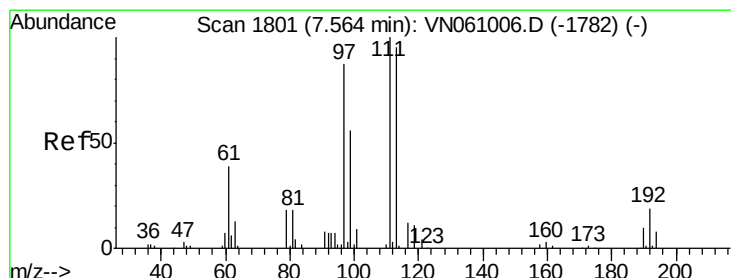
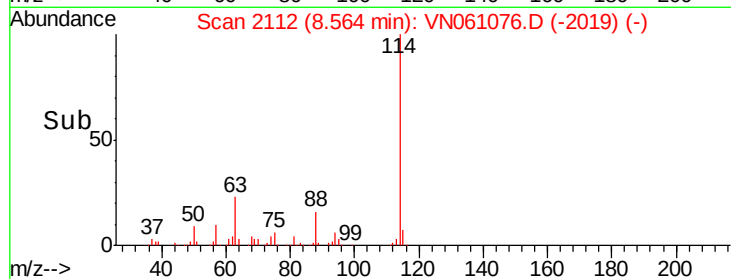
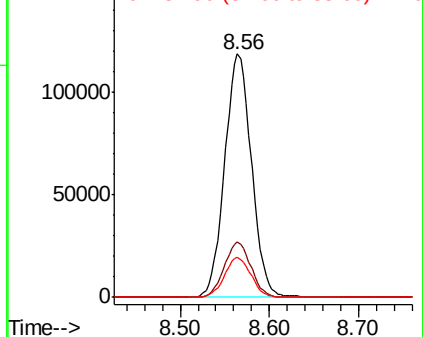
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061076.D
 Acq: 18 Apr 2020 1:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	46.2
88	16.3	0.0	33.4

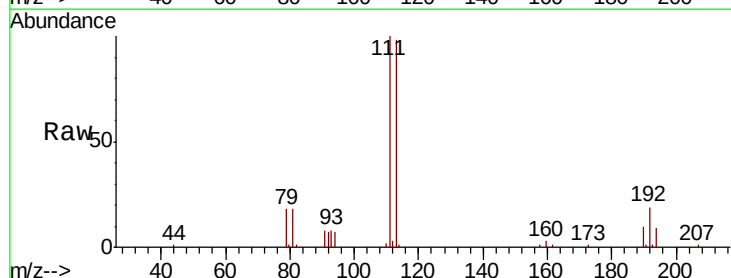


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

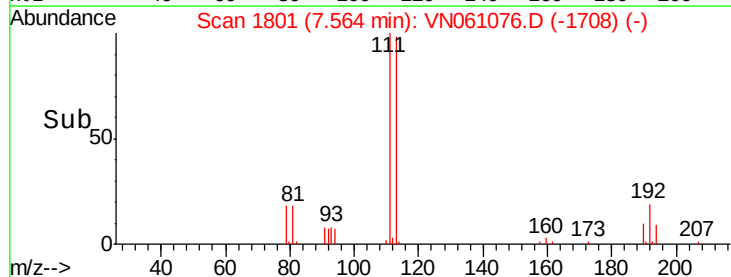
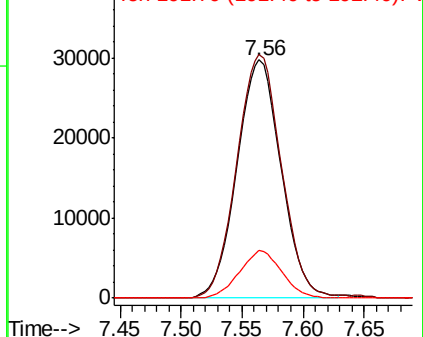


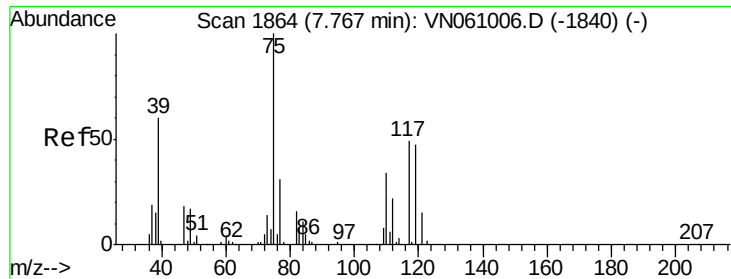
#35
 Dibromofluoromethane
 Concen: 51.821 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061076.D
 Acq: 18 Apr 2020 1:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.1	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

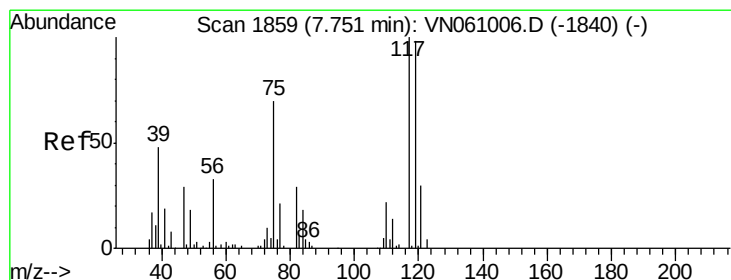
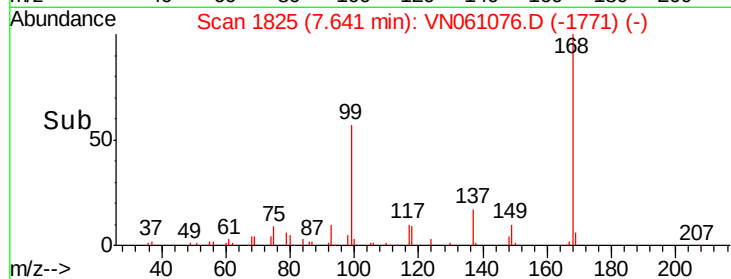
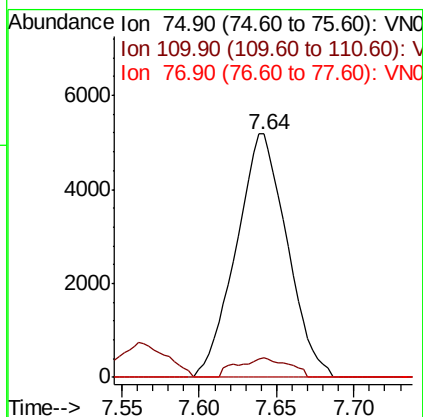
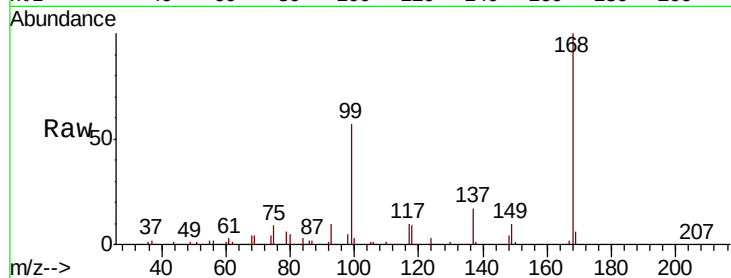




#36
 1,1-Dichloropropene
 Concen: 4.657 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061076.D
 Acq: 18 Apr 2020 1:36

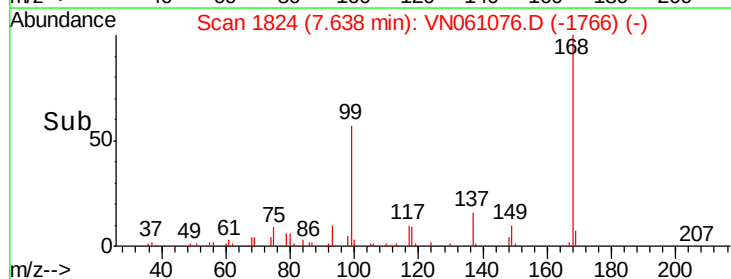
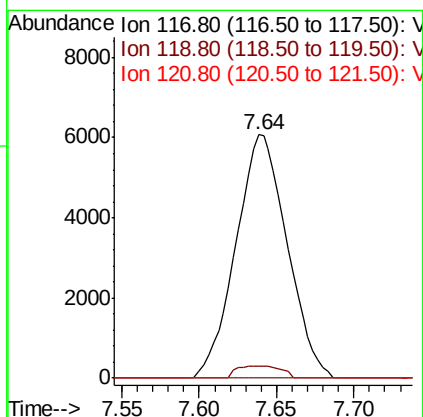
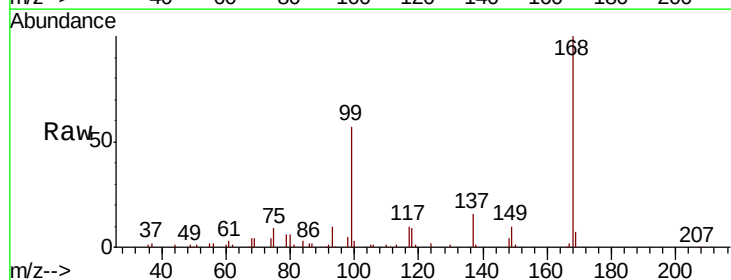
Instrument :
 MSVOA_N
 ClientSampled :

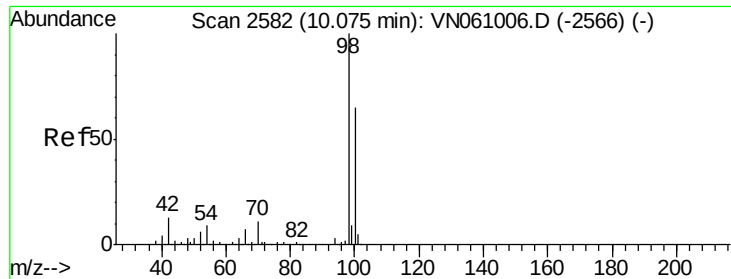
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.596 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN061076.D
 Acq: 18 Apr 2020 1:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 55.777 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061076.D

Acq: 18 Apr 2020 1:36

Instrument :

MSVOA_N

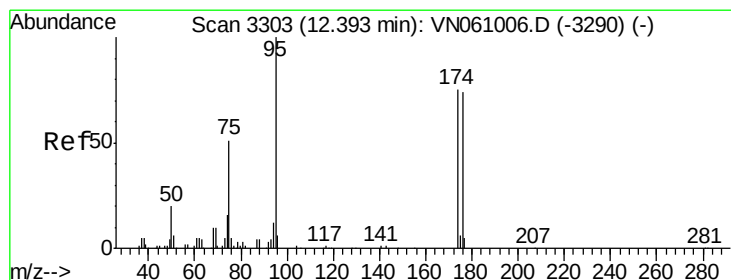
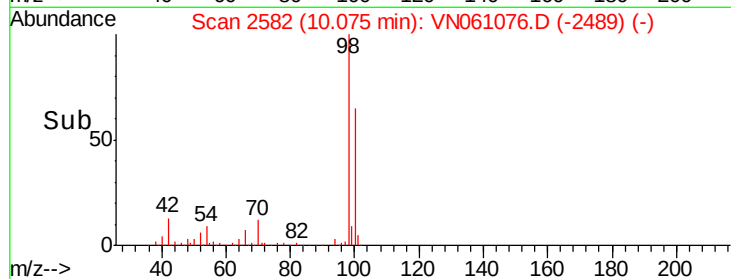
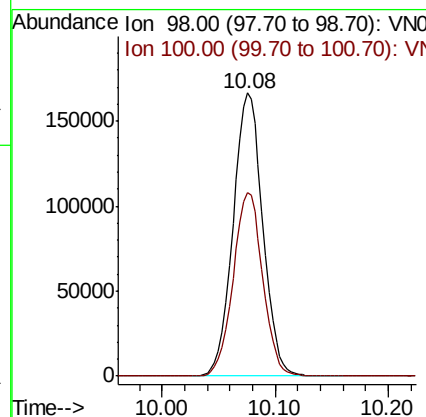
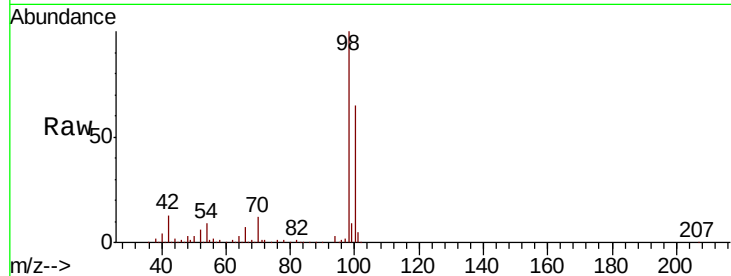
ClientSampleId :

Tot Ion: 98 Resp: 303386

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.561 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061076.D

Acq: 18 Apr 2020 1:36

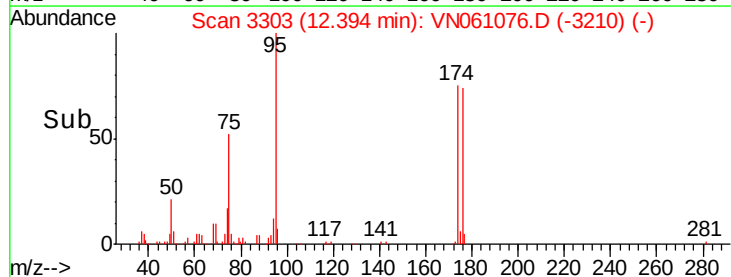
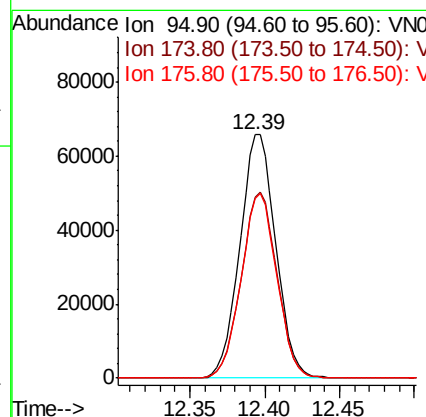
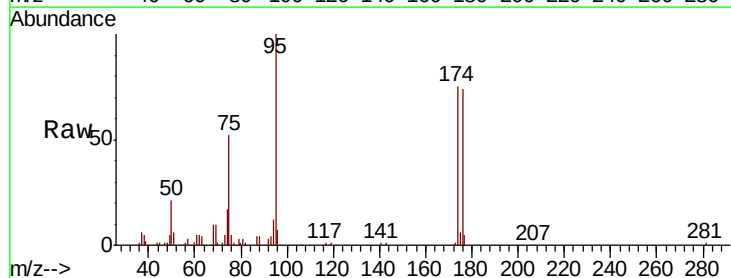
Tgt Ion: 95 Resp: 109917

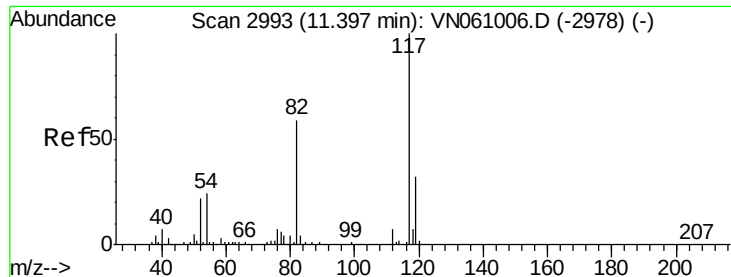
Ion Ratio Lower Upper

95 100

174 76.2 0.0 151.2

176 75.1 0.0 148.2

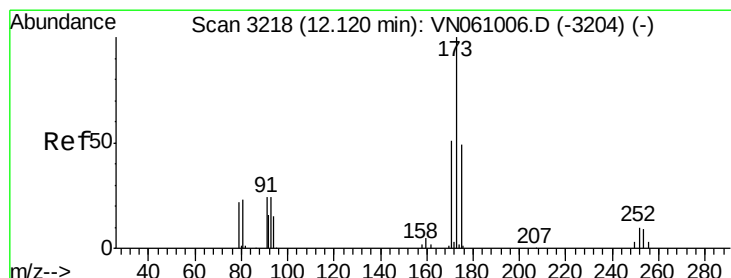
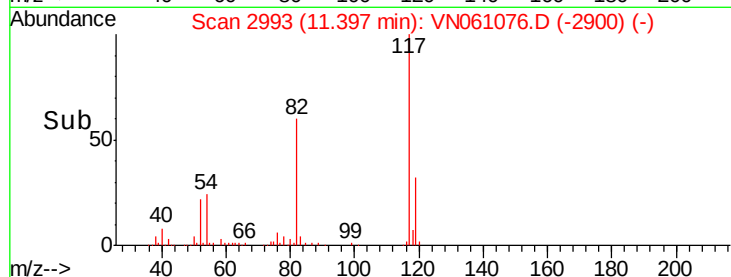
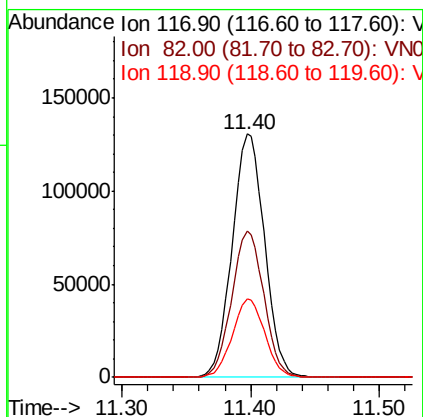
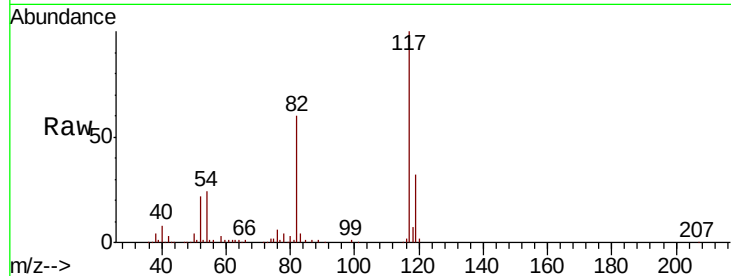




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

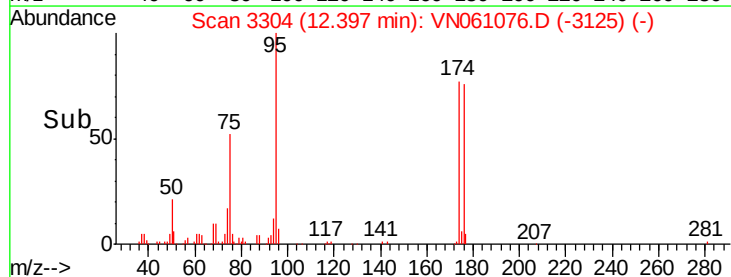
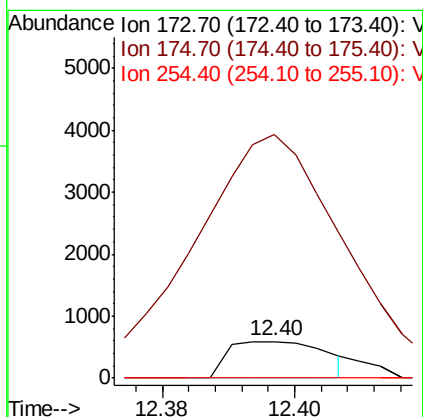
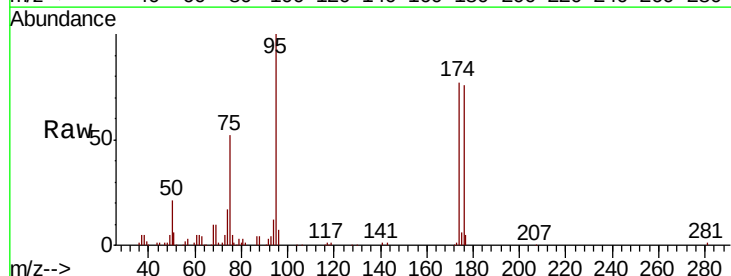
Instrument :
MSVOA_N
ClientSampleId :

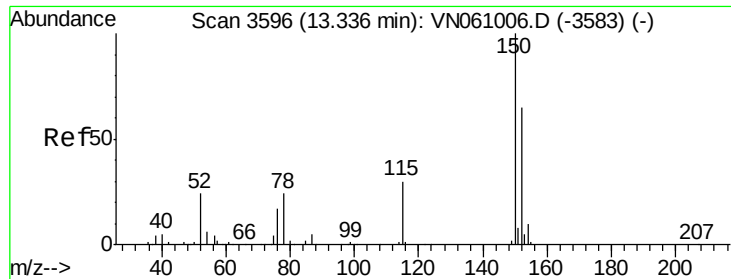
Tot Ion:117 Resp: 227804
Ion Ratio Lower Upper
117 100
82 59.9 47.1 70.7
119 32.2 25.7 38.5



#71
Bromoform
Concen: 0.480 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

Tgt Ion:173 Resp: 603
Ion Ratio Lower Upper
173 100
175 896.5 24.5 73.5#
254 0.0 0.0 0.0



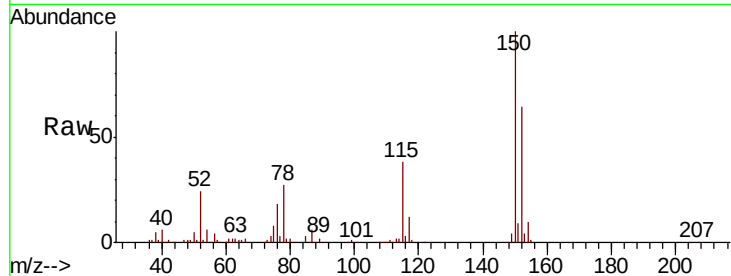


#72

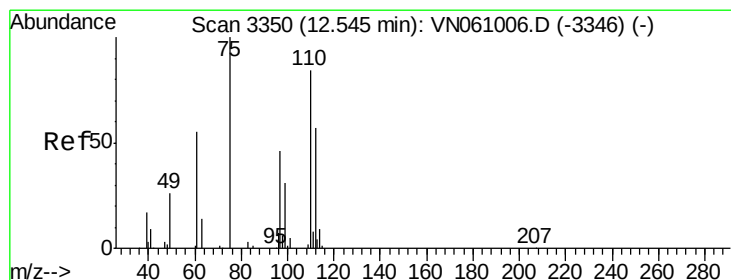
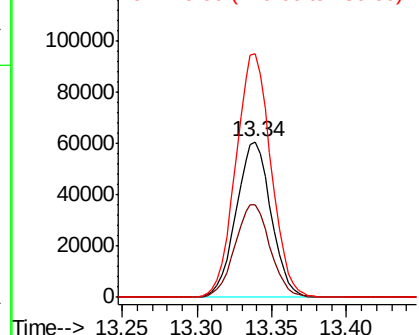
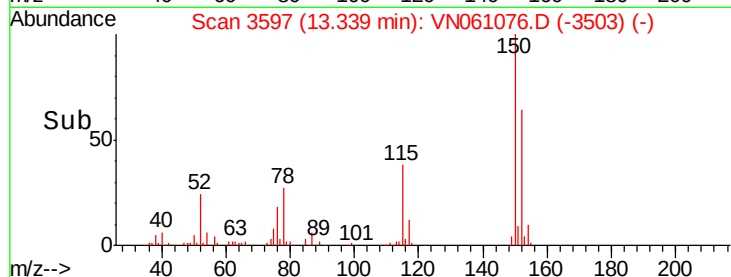
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.8	92.4
150	158.4	0.0	349.0



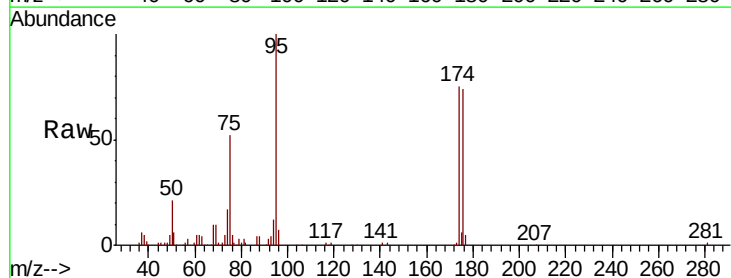
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



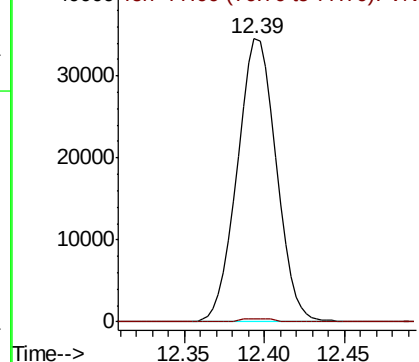
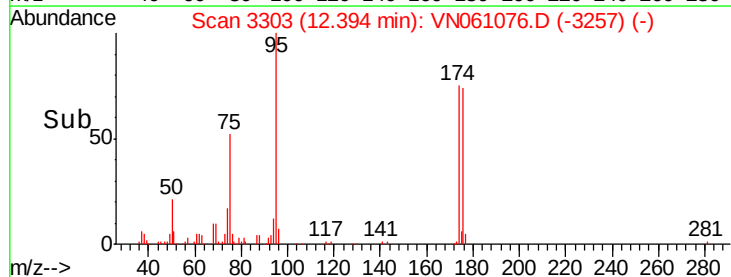
#76

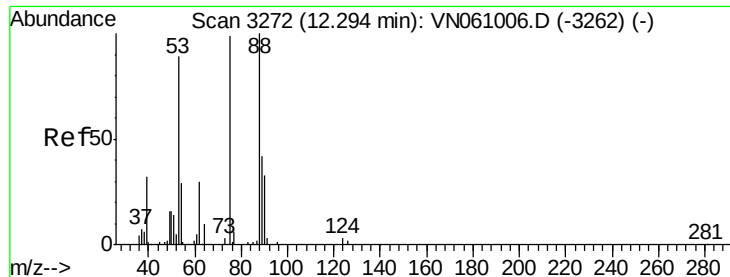
1,2,3-Trichloropropane
Concen: 26.593 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061076.D
Acq: 18 Apr 2020 1:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.9	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: 65.593 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061076.D

Acq: 18 Apr 2020 1:36

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 57439

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

