

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058784.D
 Acq On : 15 Oct 2019 15:54
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 16 04:17:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	613849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	283468	55.73	ug/l	0.00
Spiked Amount						
			Recovery	=	111.46%	
35) Dibromofluoromethane	7.57	113	201964	53.27	ug/l	0.00
Spiked Amount						
			Recovery	=	106.54%	
50) Toluene-d8	10.09	98	728602	48.05	ug/l	0.00
Spiked Amount						
			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	243054	42.35	ug/l	0.00
Spiked Amount						
			Recovery	=	84.70%	

Target Compounds

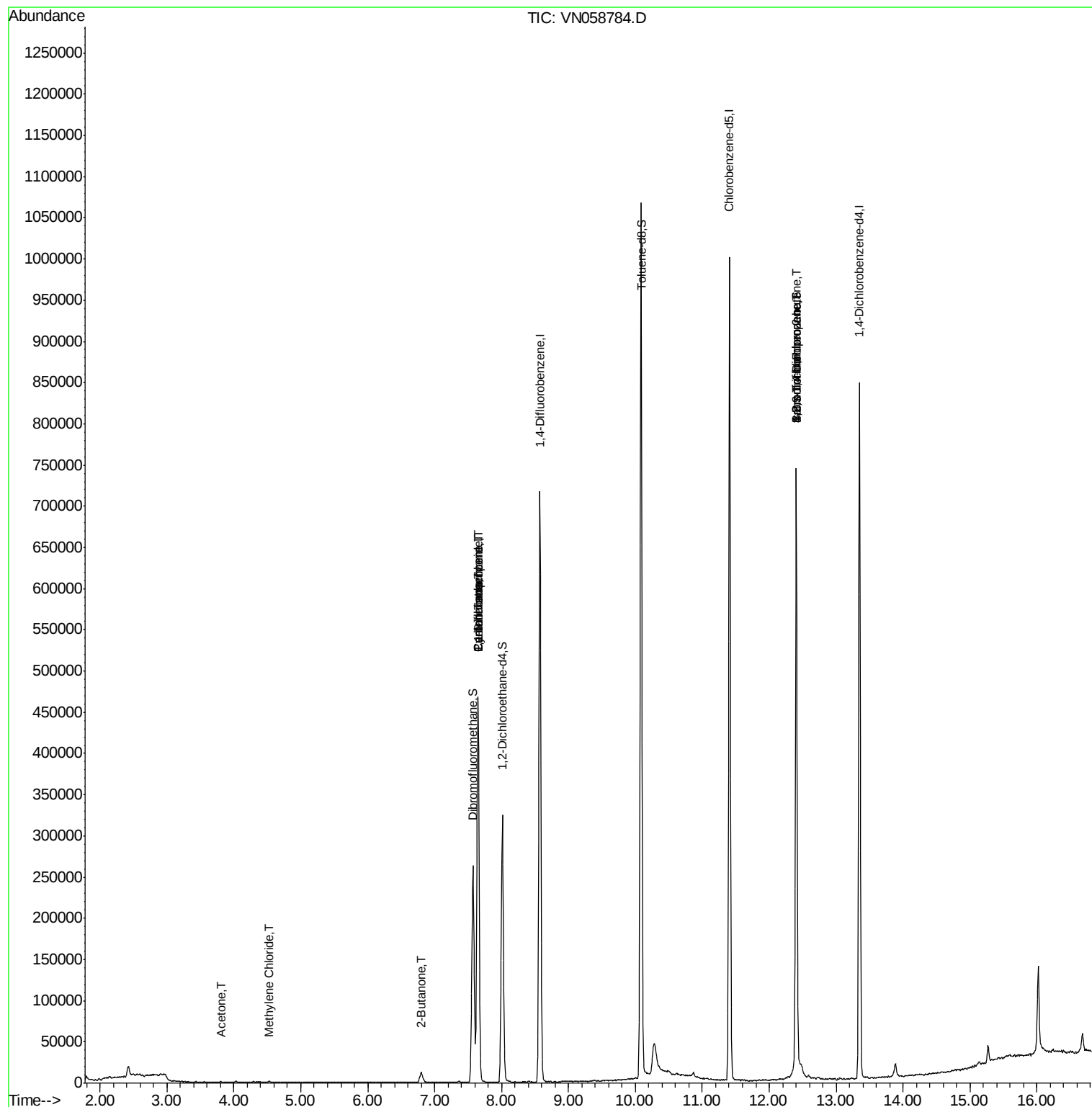
						Qvalue
16) Acetone	3.81	43	673	0.320	ug/l #	46
20) Methylene Chloride	4.52	84	915	0.208	ug/l #	55
25) 2-Butanone	6.80	43	706	0.232	ug/l #	50
31) Cyclohexane	7.65	56	8773	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	31136	5.017	ug/l #	50
38) Carbon Tetrachloride	7.65	117	36440	6.024	ug/l #	17
71) Bromoform	12.40	173	1206	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	132838	27.969	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	132838	74.919	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

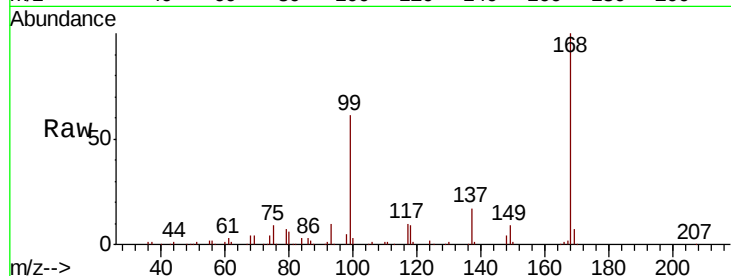
I.BLK

Tot Ion:168 Resp: 363315

Ion Ratio Lower Upper

168 100

99 60.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058697.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058697.D (-1808) (-)

7.65

150000

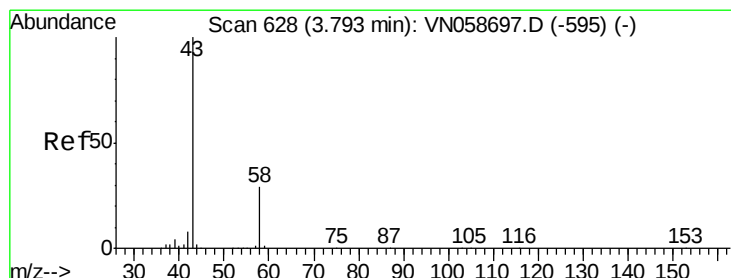
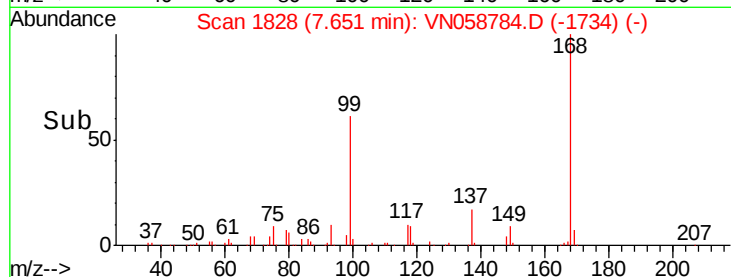
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.320 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058784.D

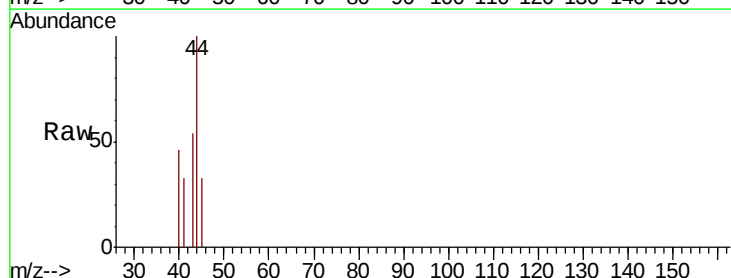
Acq: 15 Oct 2019 15:54

Tgt Ion: 43 Resp: 673

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN058697.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN058697.D (-595) (-)

3.81

400

300

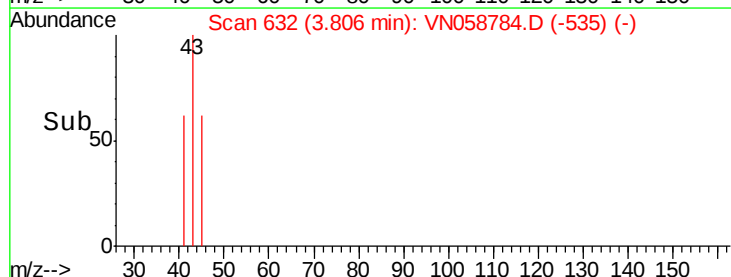
200

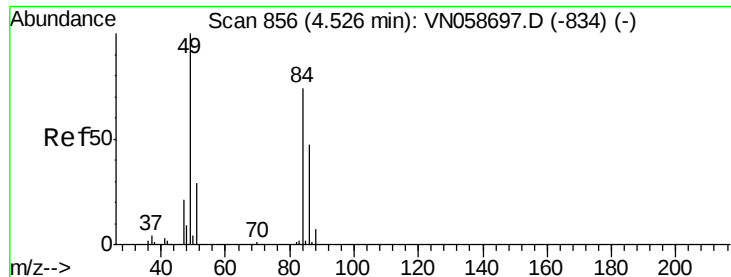
100

0

3.76 3.78 3.80 3.82

Time-->





#20

Methylene Chloride

Concen: 0.208 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tot Ion: 84 Resp: 915

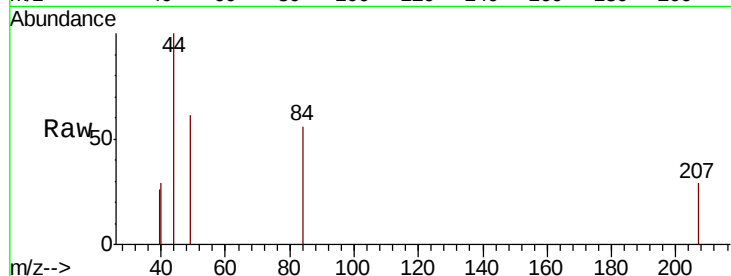
Ion Ratio Lower Upper

84 100

49 107.6 107.6 161.4#

51 0.0 31.4 47.0#

86 0.0 50.3 75.5#

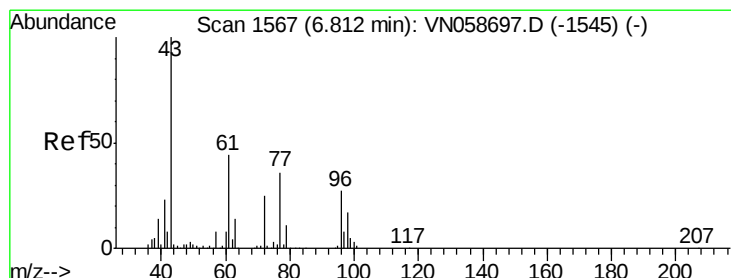
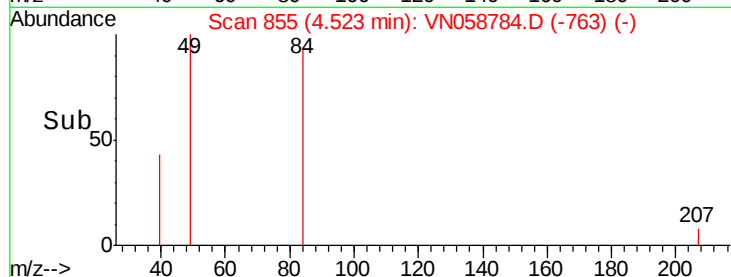
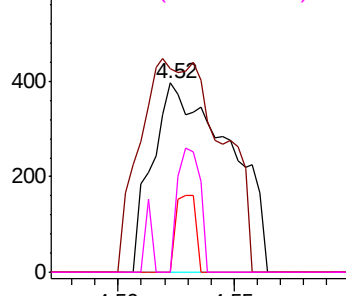


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.232 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.02 min

Lab File: VN058784.D

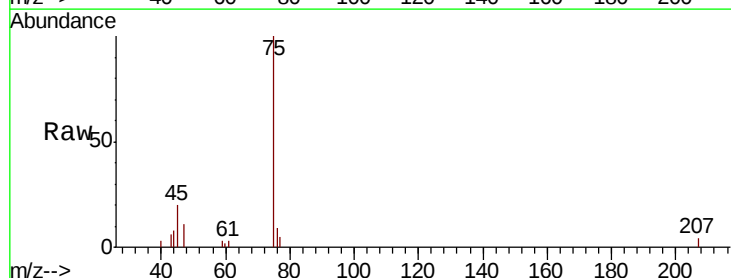
Acq: 15 Oct 2019 15:54

Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

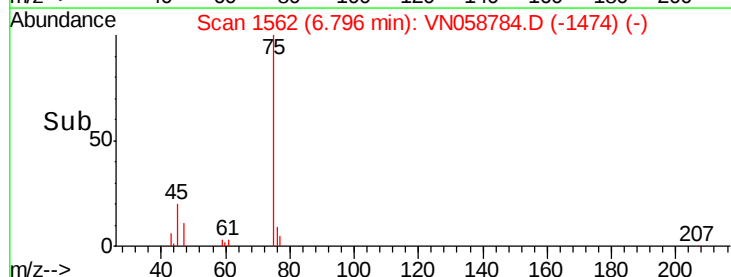
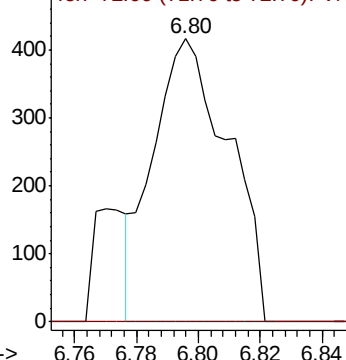
43 100

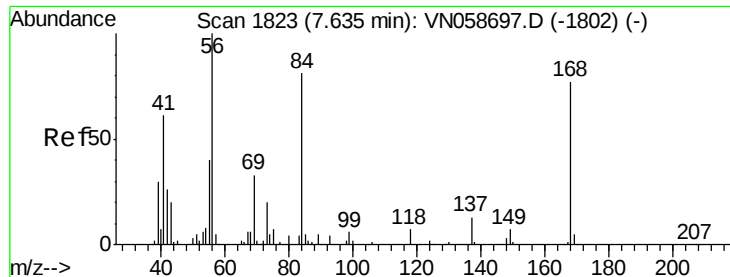
72 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

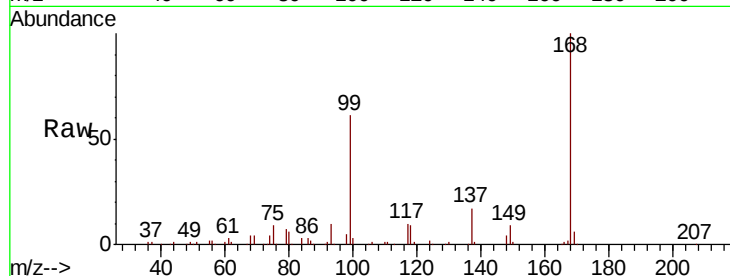




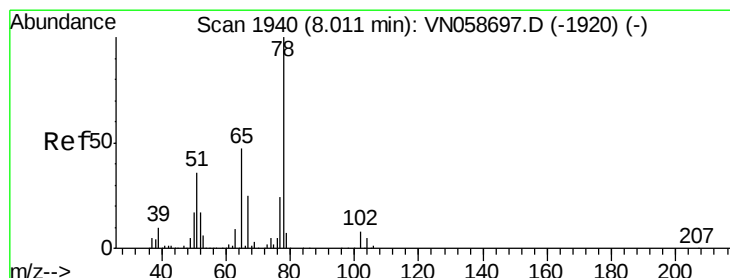
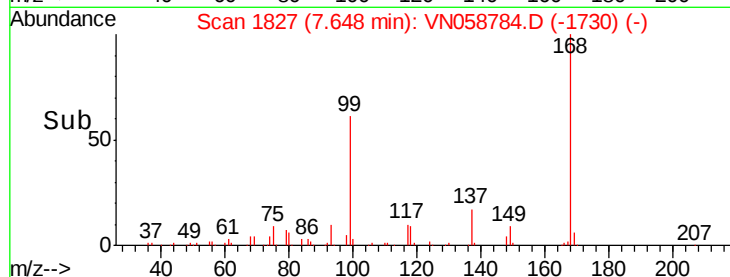
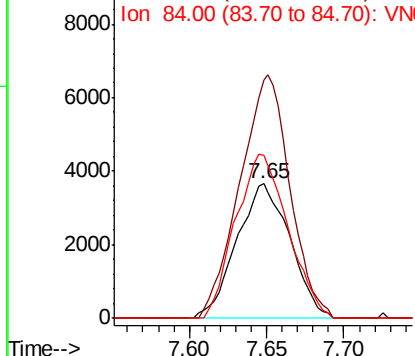
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058784.D
Acq: 15 Oct 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion: 56 Resp: 8773
Ion Ratio Lower Upper
56 100
69 177.6 26.2 39.4#
84 121.3 64.9 97.3#

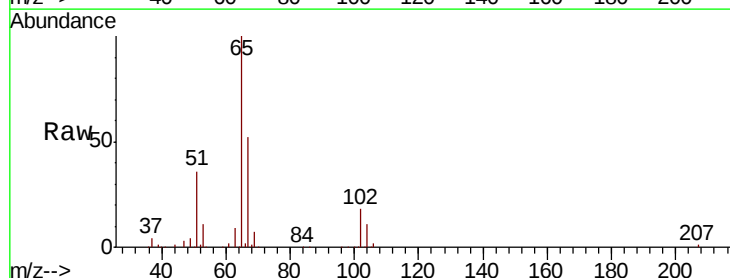


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

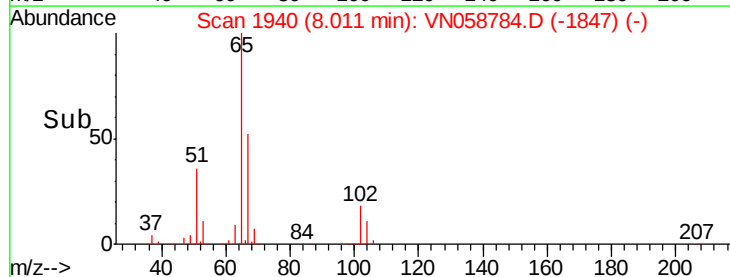
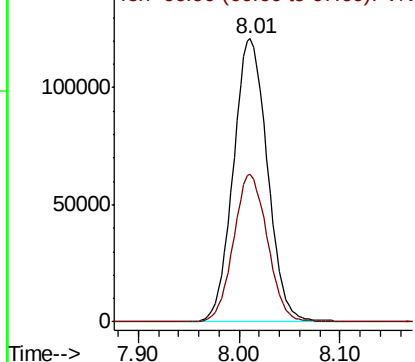


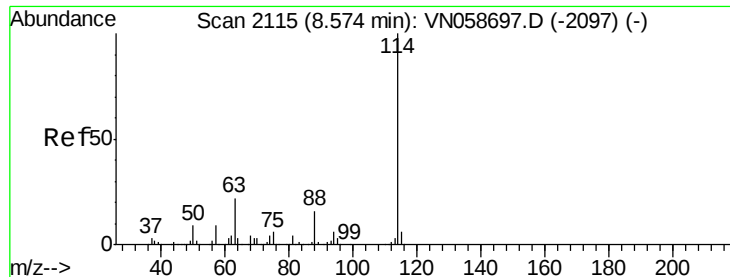
#33
1,2-Dichloroethane-d4
Concen: 55.731 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058784.D
Acq: 15 Oct 2019 15:54

Tgt Ion: 65 Resp: 283468
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8



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

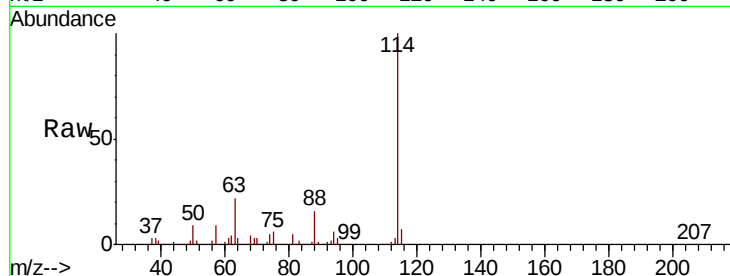




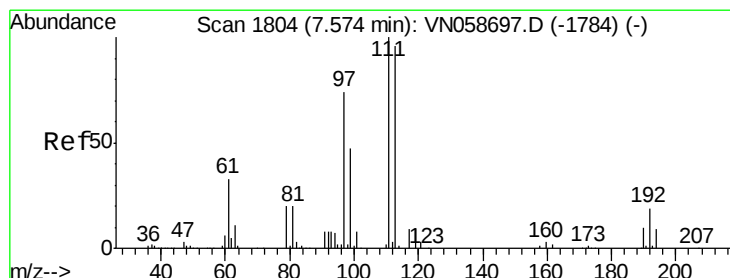
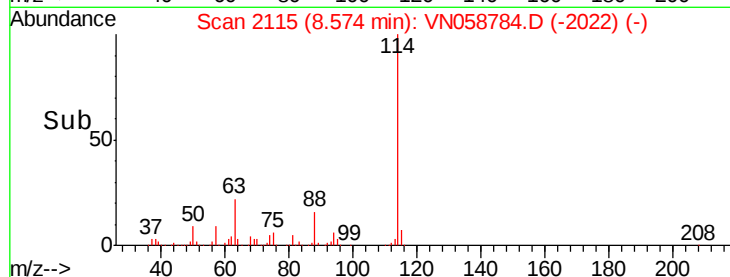
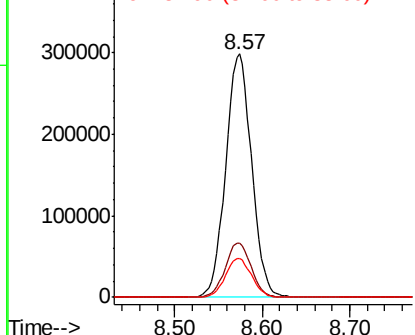
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058784.D
 Acq: 15 Oct 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.0	0.0	32.0

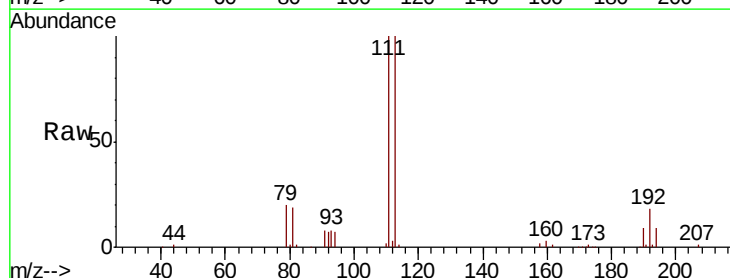


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

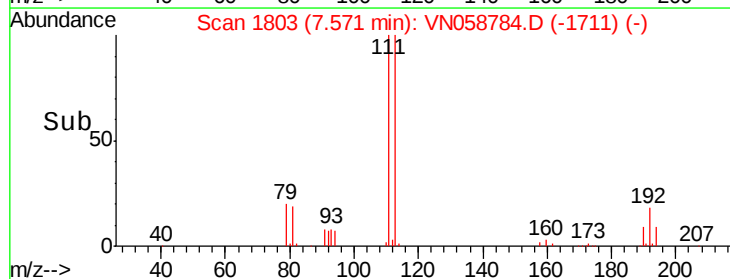
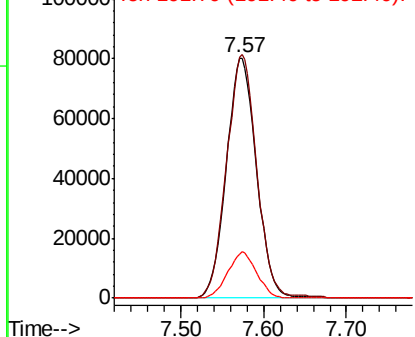


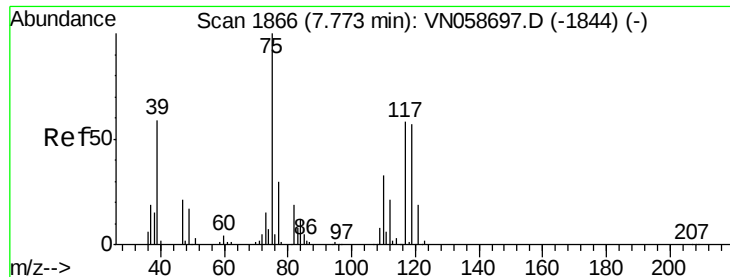
#35
 Dibromofluoromethane
 Concen: 53.266 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058784.D
 Acq: 15 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.3	123.5
192	18.6	15.0	22.6



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

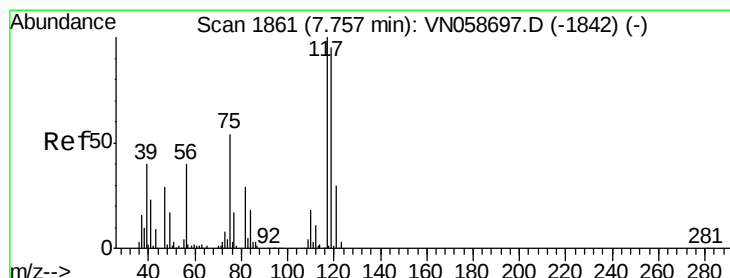
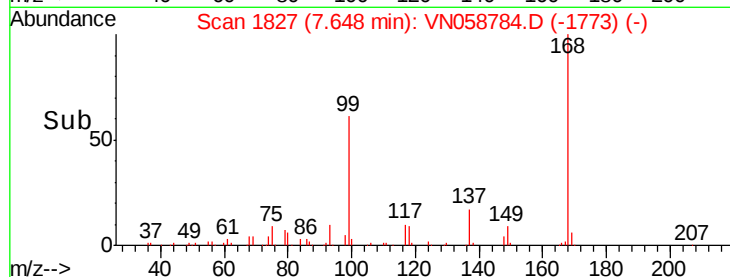
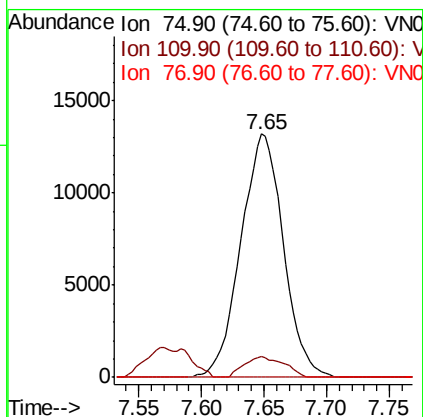
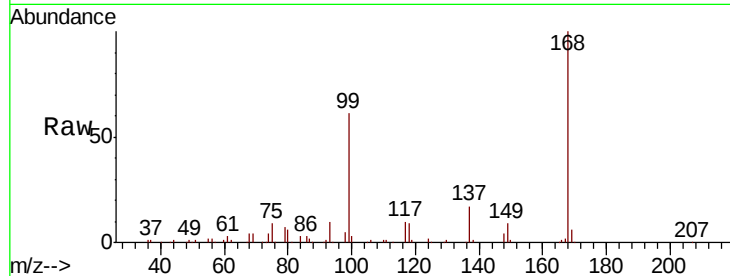




#36
 1,1-Dichloropropene
 Concen: 5.017 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058784.D
 Acq: 15 Oct 2019 15:54

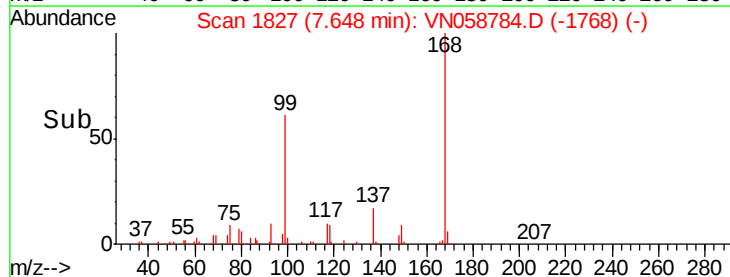
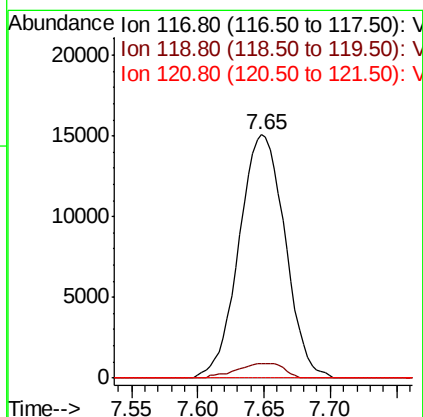
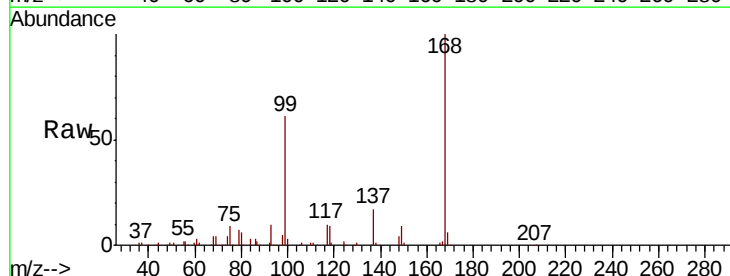
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

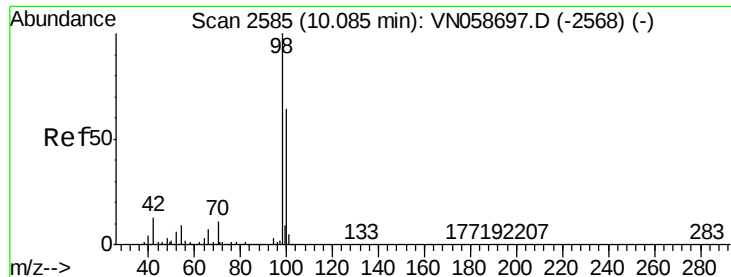
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.6	49.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.024 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058784.D
 Acq: 15 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.7	113.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.054 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

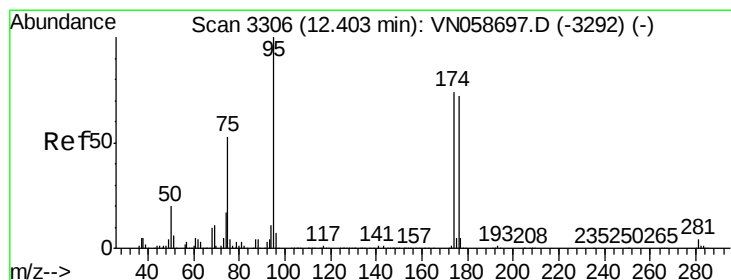
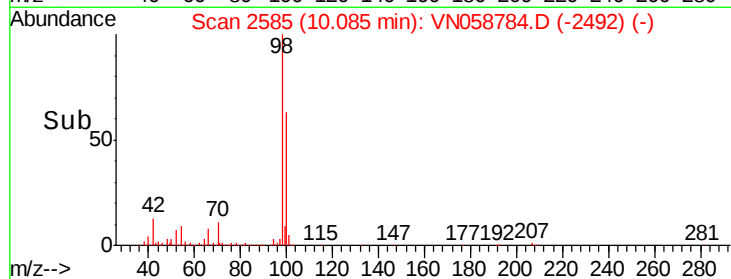
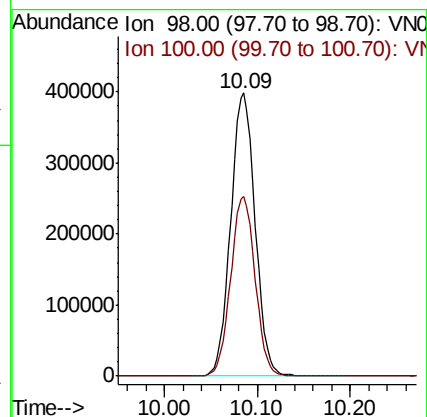
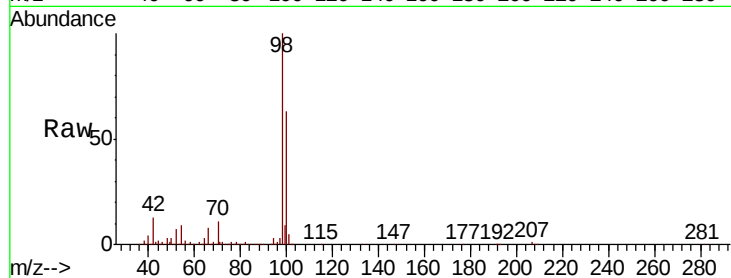
I.BLK

Tot Ion: 98 Resp: 728602

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.349 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

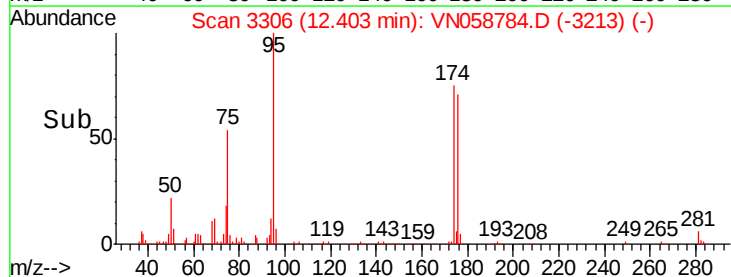
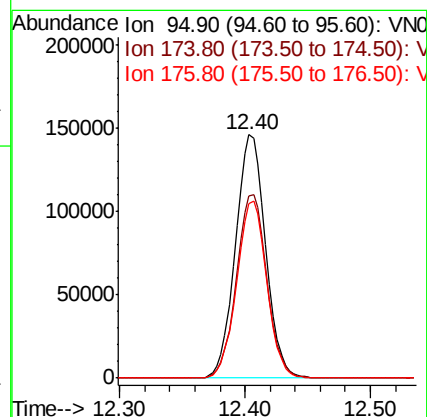
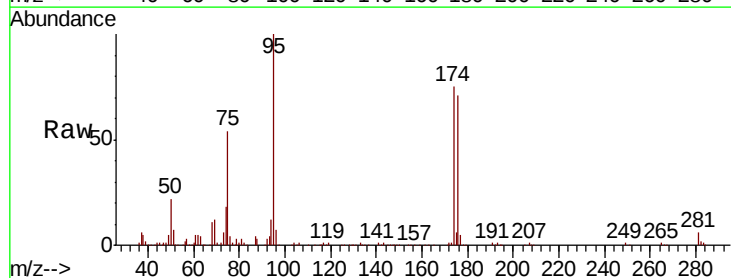
Tgt Ion: 95 Resp: 243054

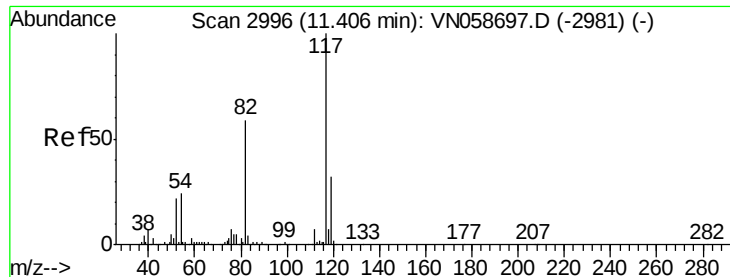
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

176 72.7 0.0 146.8

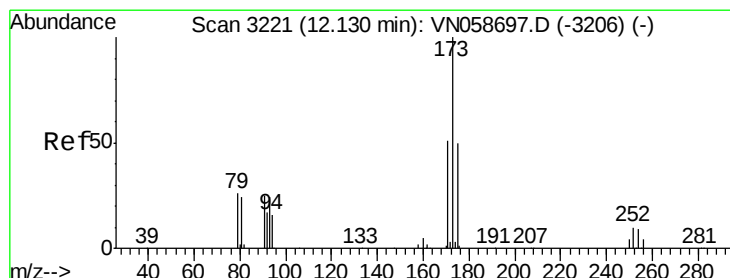
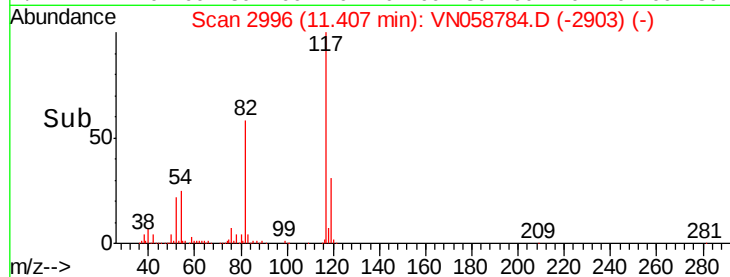
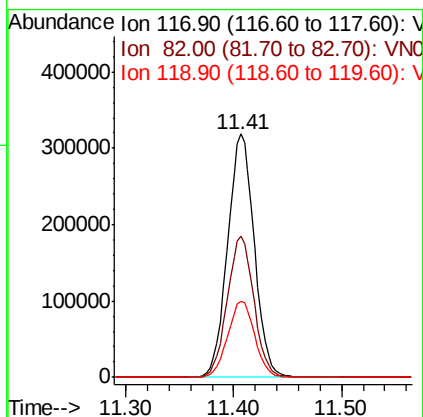
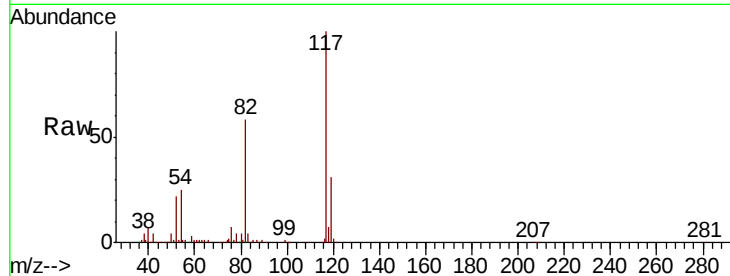




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058784.D
Acq: 15 Oct 2019 15:54

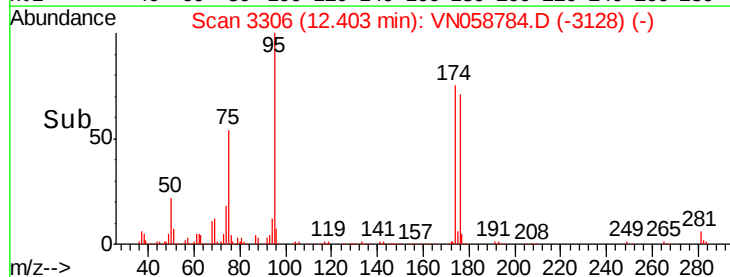
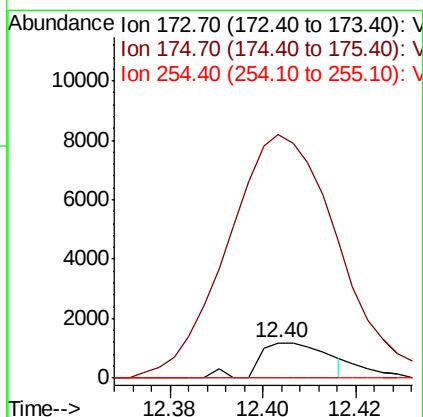
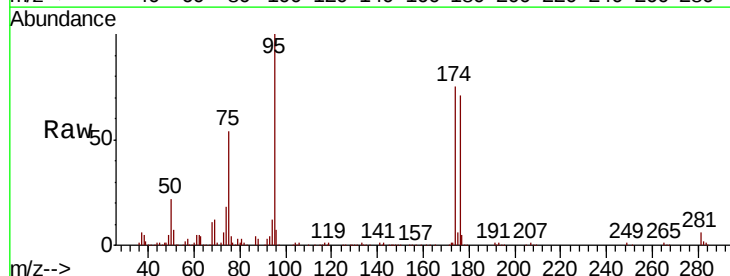
Instrument :
MSVOA_N
ClientSampled :
I.BLK

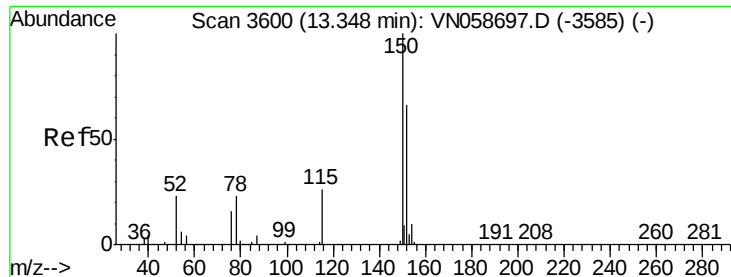
Tot Ion:117 Resp: 548876
Ion Ratio Lower Upper
117 100
82 57.9 47.0 70.4
119 31.3 25.4 38.2



#71
Bromoform
Concen: 0.399 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058784.D
Acq: 15 Oct 2019 15:54

Tgt Ion:173 Resp: 1206
Ion Ratio Lower Upper
173 100
175 998.3 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

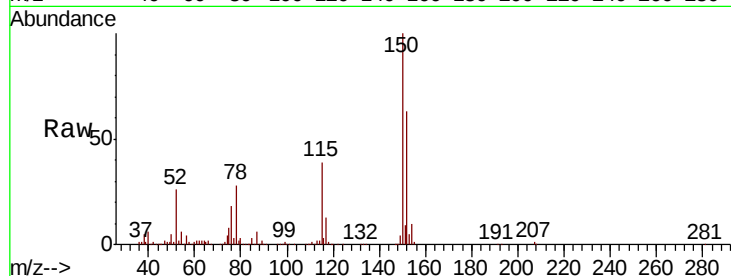
Tot Ion:152 Resp: 216502

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

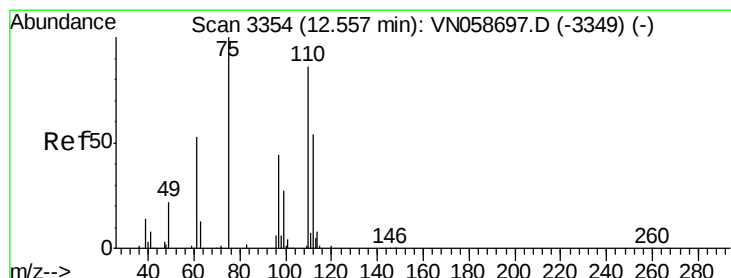
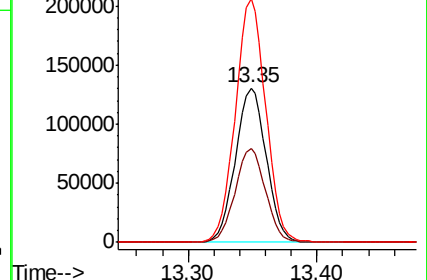
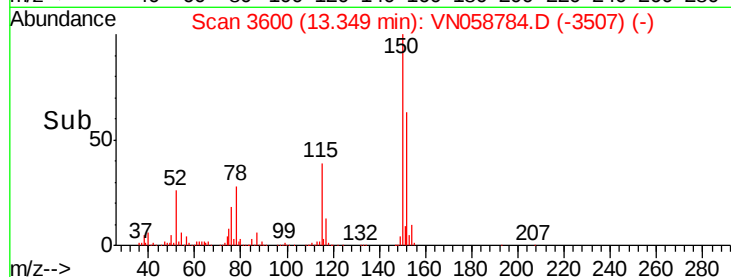
150 155.7 0.0 345.4



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: 27.969 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058784.D

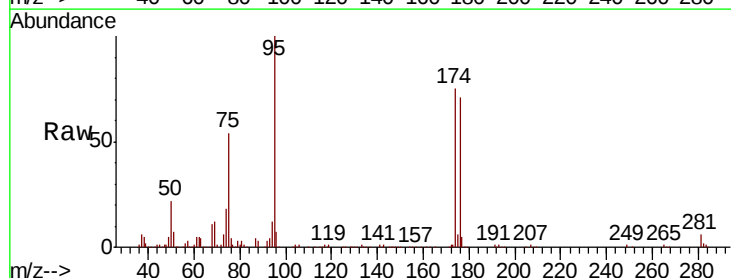
Acq: 15 Oct 2019 15:54

Tgt Ion: 75 Resp: 132838

Ion Ratio Lower Upper

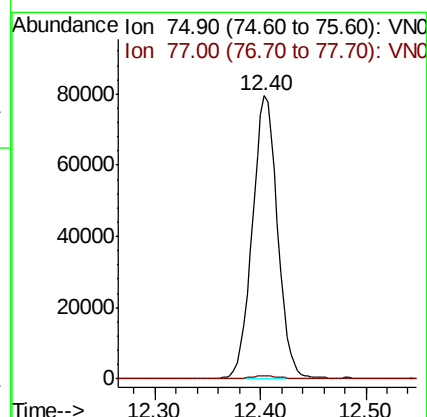
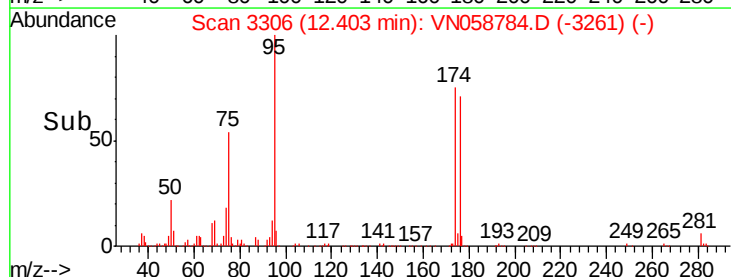
75 100

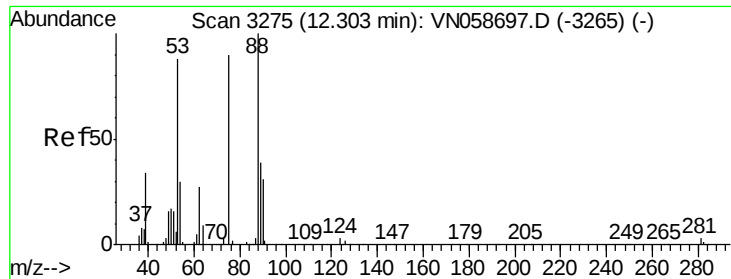
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 74.919 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058784.D

Acq: 15 Oct 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

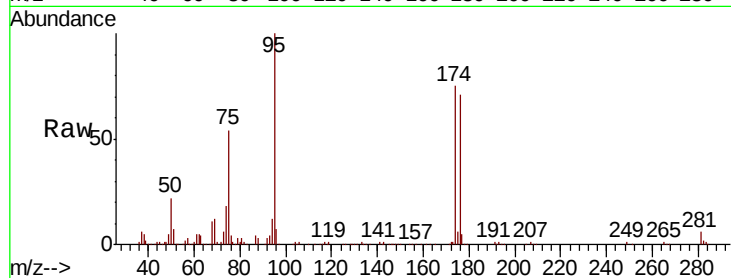
Tot Ion: 75 Resp: 132838

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

