

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
 Data File : VN059609.D
 Acq On : 16 Dec 2019 17:45
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 17 04:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	228874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	366745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123300	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	162776	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	7.57	113	114216	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.08	98	447460	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	144573	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	

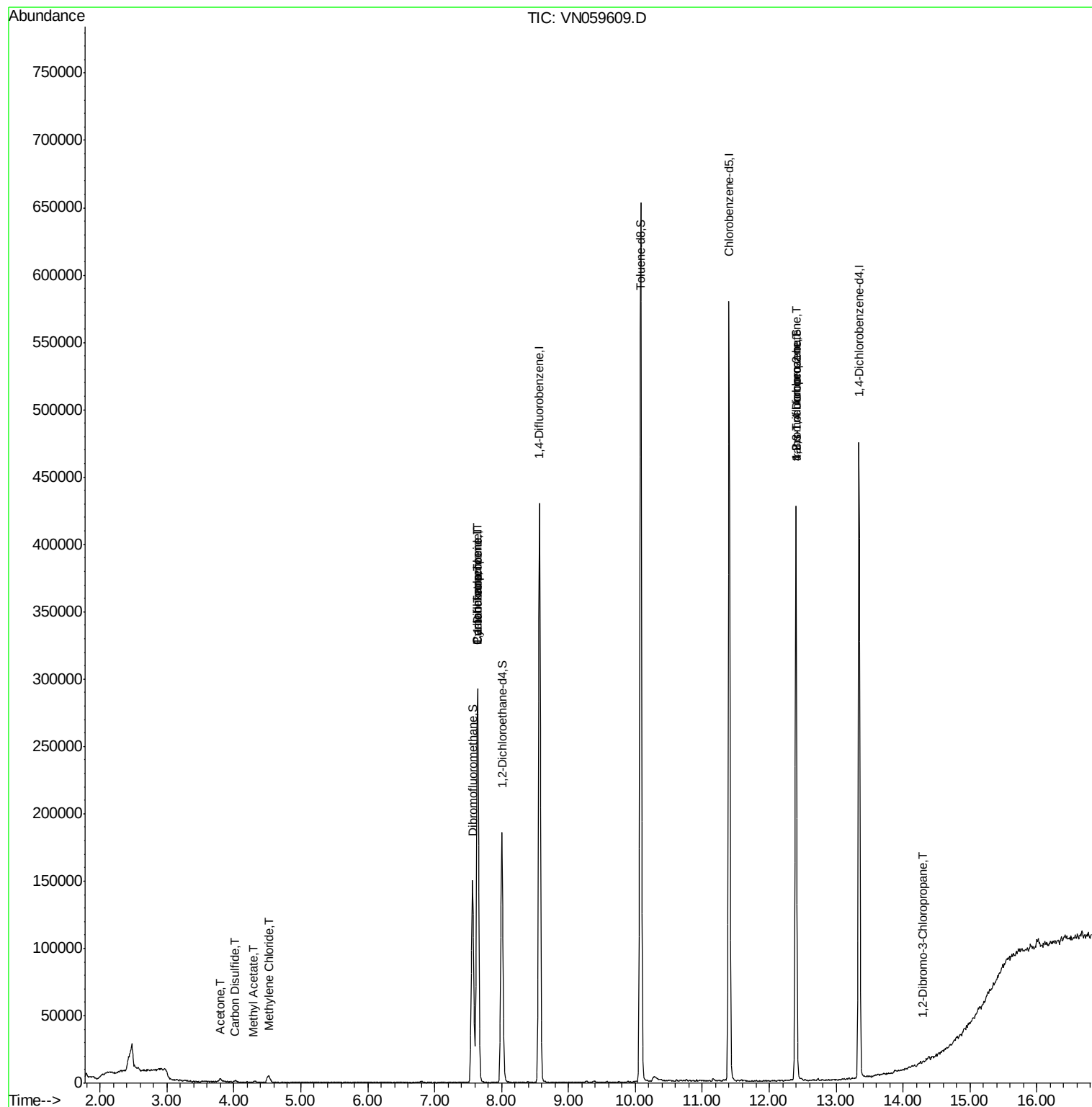
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	4204	2.126	ug/l	95
17) Carbon Disulfide	4.02	76	1847	2.090	ug/l #	75
18) Methyl Acetate	4.31	43	1098	0.265	ug/l #	54
20) Methylene Chloride	4.53	84	4700	1.646	ug/l #	74
31) Cyclohexane	7.64	56	5521	1.135	ug/l #	14
36) 1,1-Dichloropropene	7.64	75	18878	4.936	ug/l #	49
38) Carbon Tetrachloride	7.64	117	23343	5.882	ug/l #	16
76) 1,2,3-Trichloropropane	12.40	75	76878	25.186	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	76878	62.208	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.28	75	331	1.995	ug/l #	6

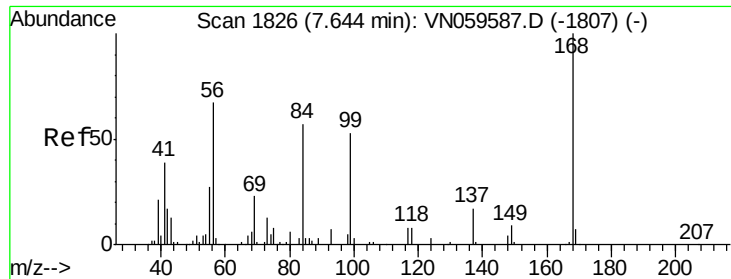
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
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: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

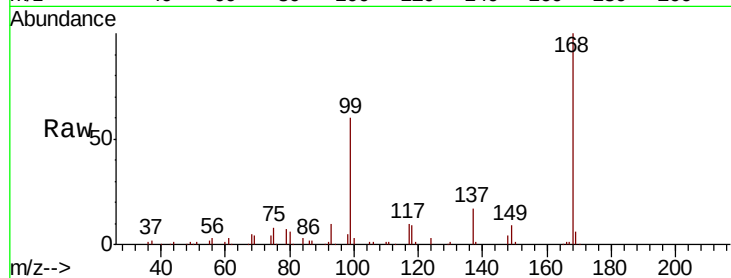
IBLK

Tgt Ion:168 Resp: 228874

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

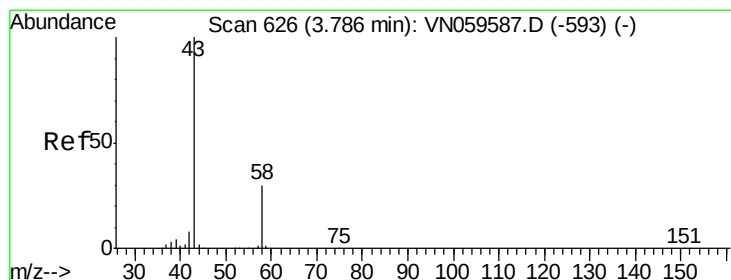
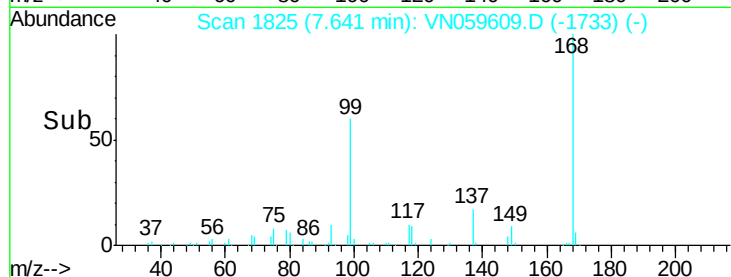
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 2.126 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059609.D

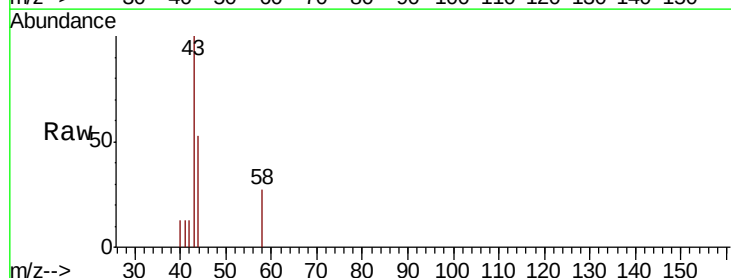
Acq: 16 Dec 2019 17:45

Tgt Ion: 43 Resp: 4204

Ion Ratio Lower Upper

43 100

58 27.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.80

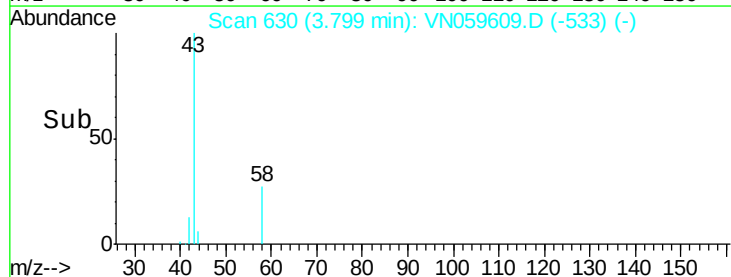
1500

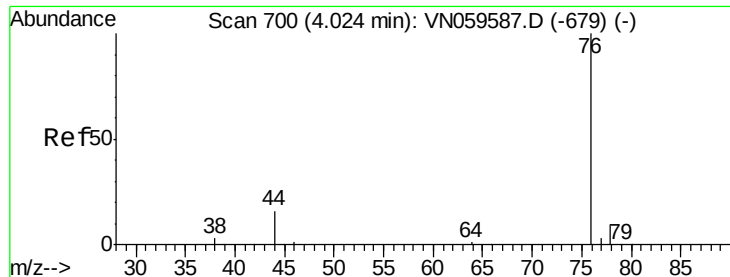
1000

500

0

Time--> 3.75 3.80 3.85

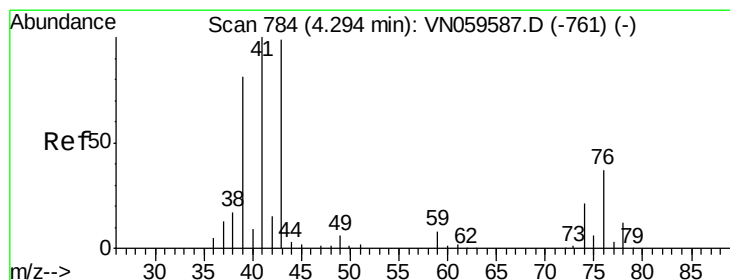
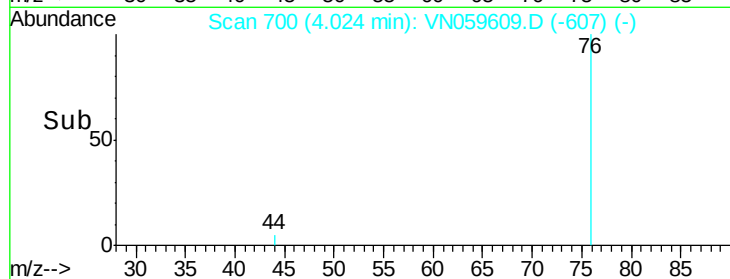
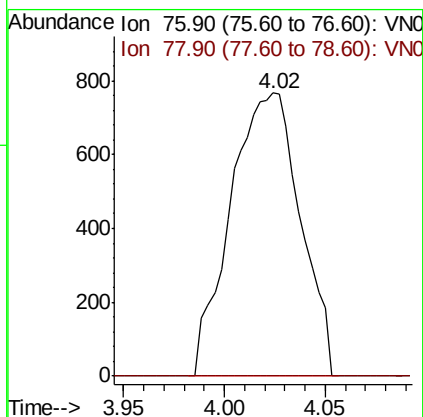
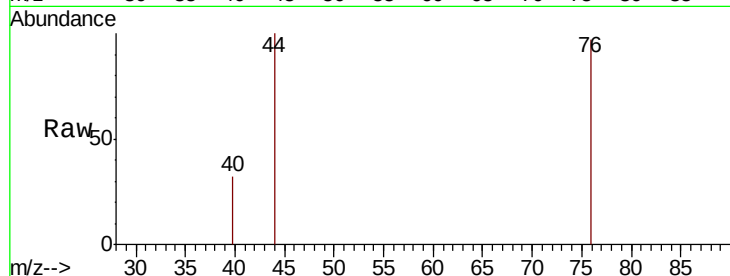




#17
Carbon Disulfide
Concen: 2.090 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

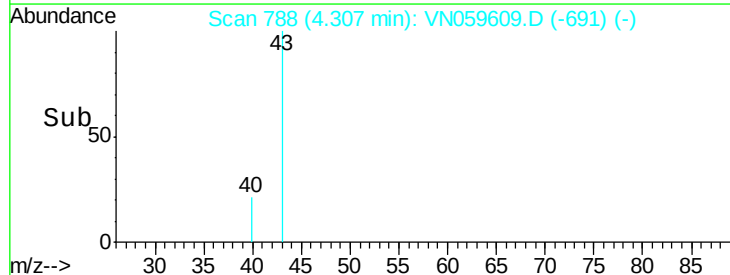
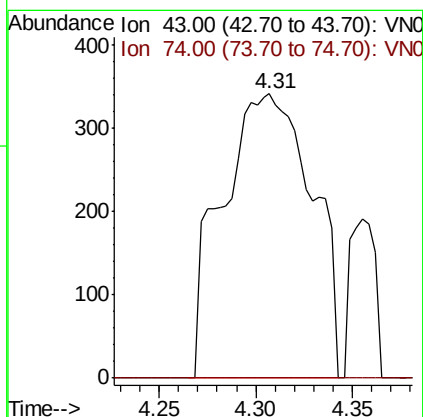
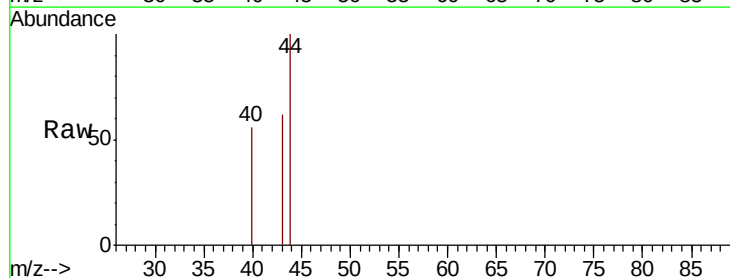
Instrument :
MSVOA_N
ClientSampled :
IBLK

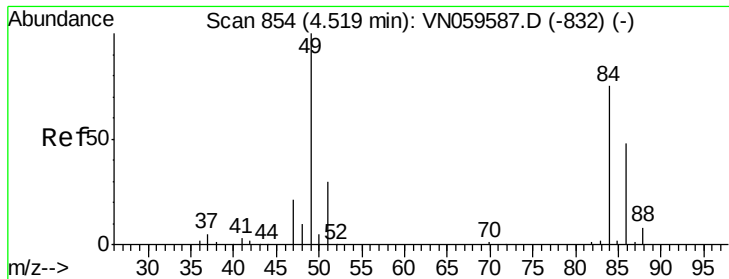
Tgt Ion: 76 Resp: 1847
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#





#20

Methylene Chloride

Concen: 1.646 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tgt Ion: 84 Resp: 4700

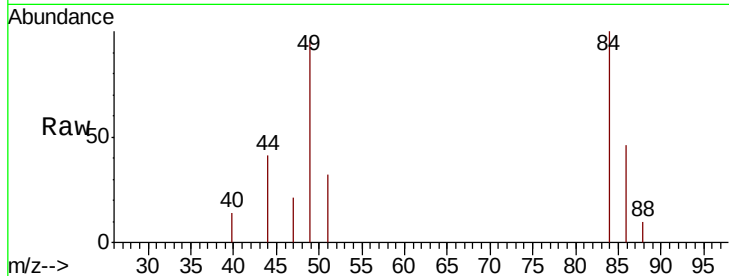
Ion Ratio Lower Upper

84 100

49 95.5 106.6 160.0#

51 32.4 31.9 47.9

86 45.9 50.8 76.2#

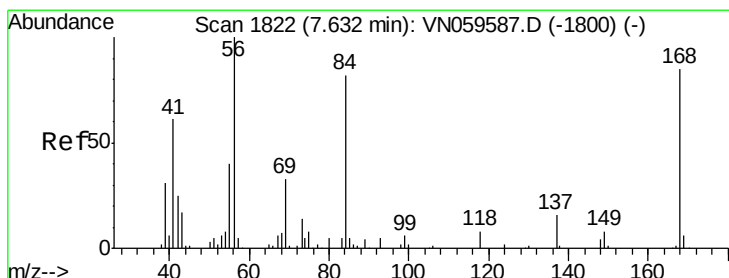
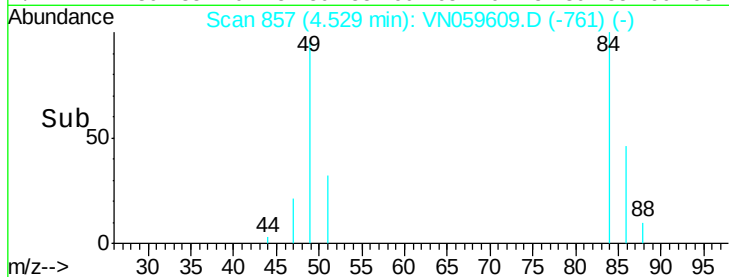
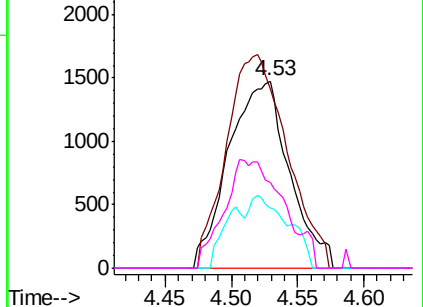


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

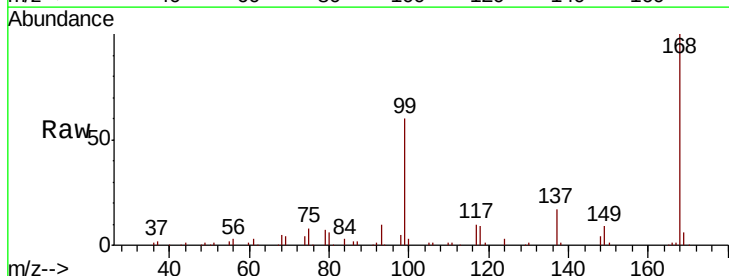
Tgt Ion: 56 Resp: 5521

Ion Ratio Lower Upper

56 100

69 163.9 26.5 39.7#

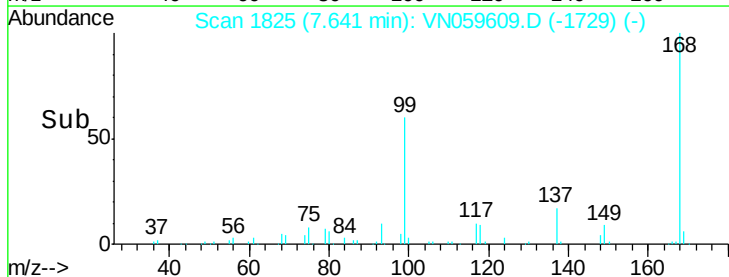
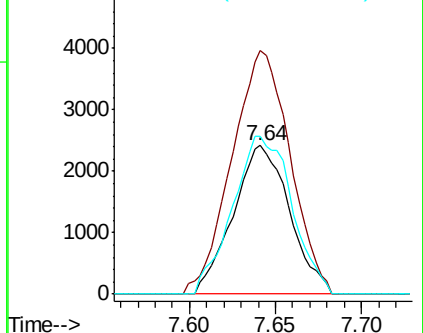
84 106.3 65.3 97.9#

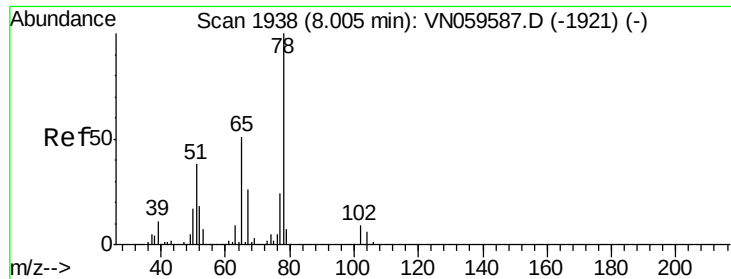


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

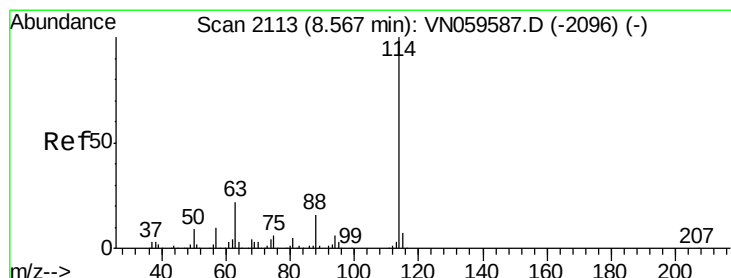
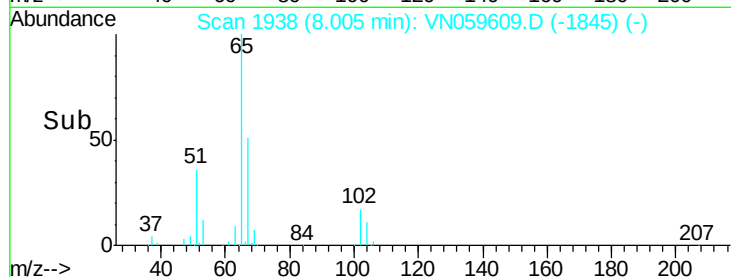
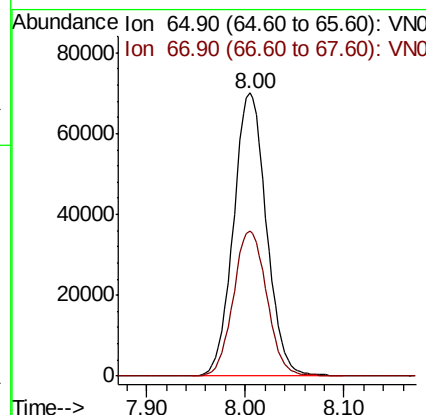
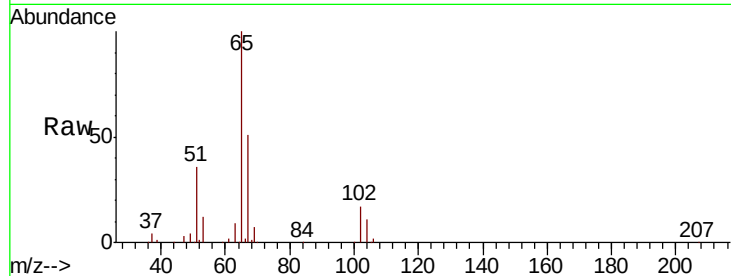




#33
 1,2-Dichloroethane-d4
 Concen: 48.875 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

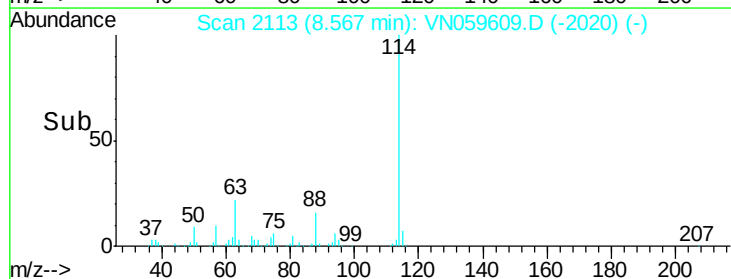
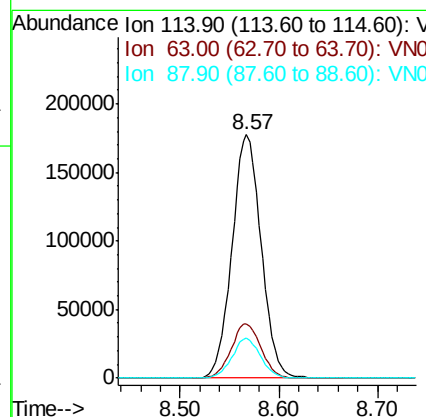
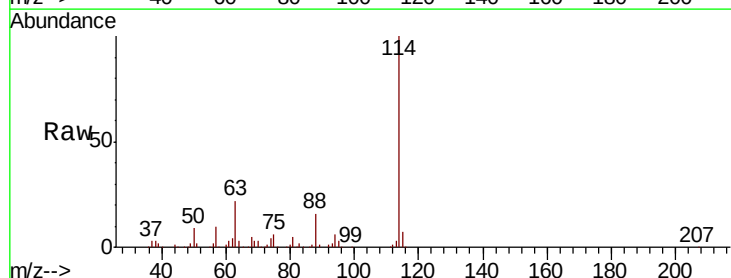
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

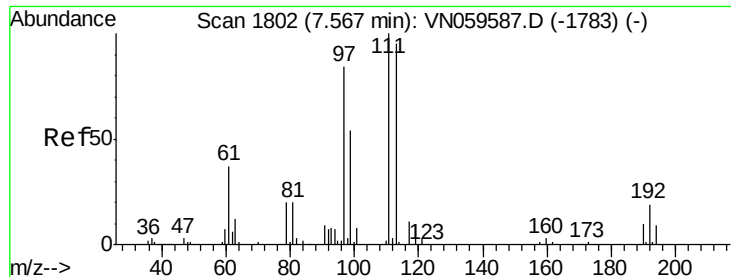
Tgt Ion: 65 Resp: 162776
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

Tgt Ion: 114 Resp: 366745
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.6
 88 16.3 0.0 31.4

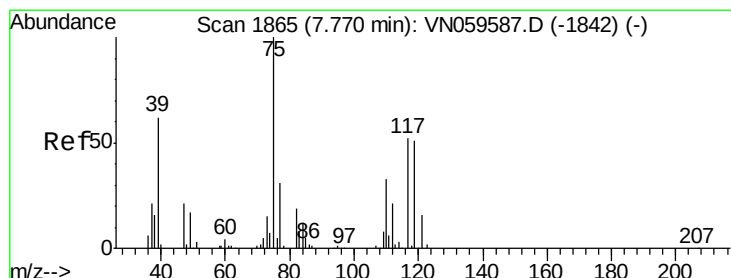
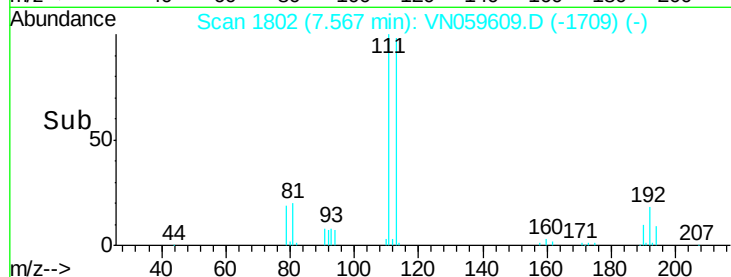
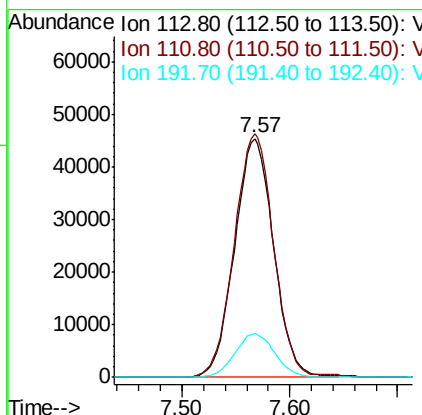
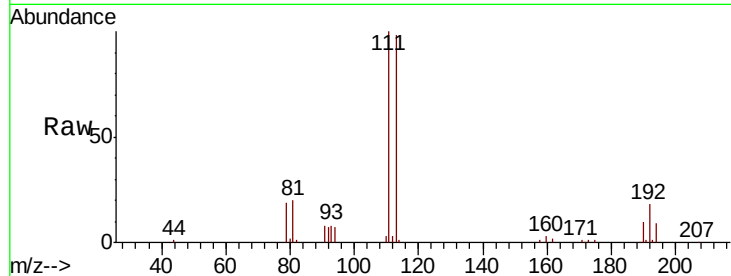




#35
 Dibromofluoromethane
 Concen: 49.774 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

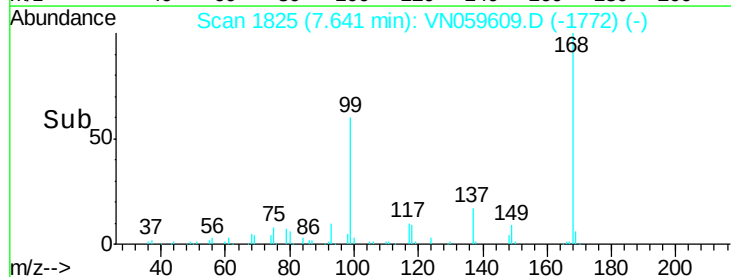
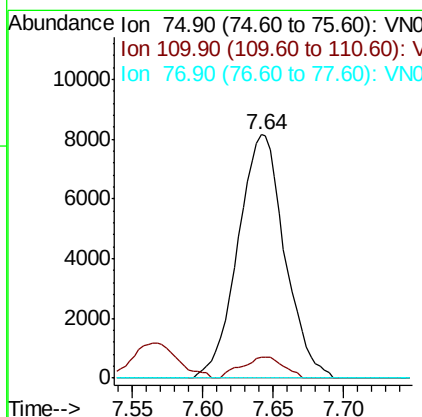
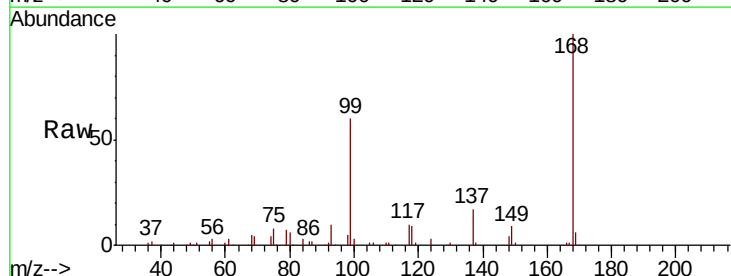
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

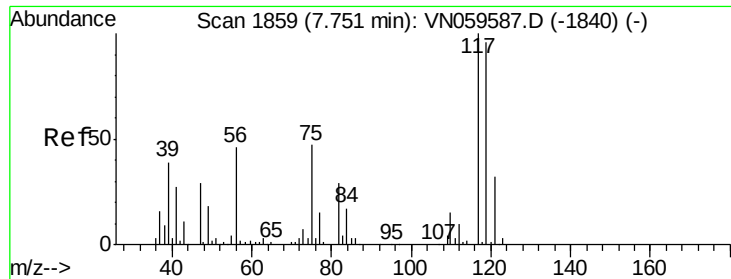
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	18.6	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.6	49.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.882 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

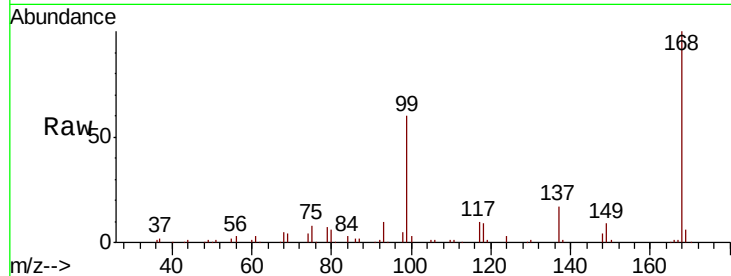
Tgt Ion: 117 Resp: 23343

Ion Ratio Lower Upper

117 100

119 5.3 76.5 114.7#

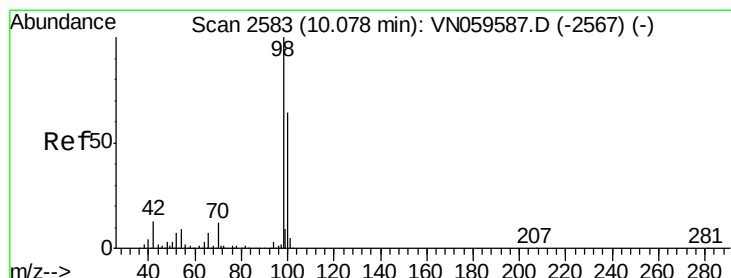
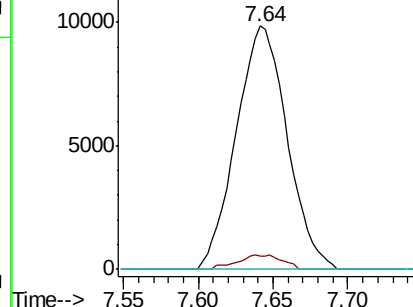
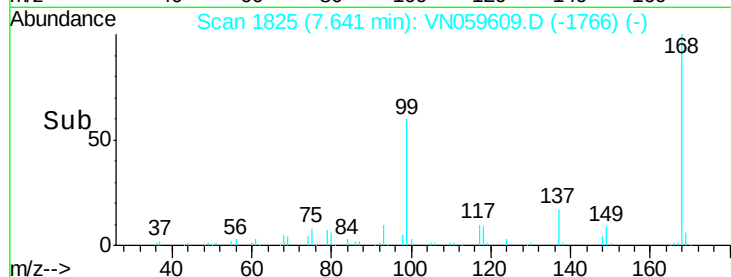
121 0.0 25.1 37.7#



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: 49.253 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059609.D

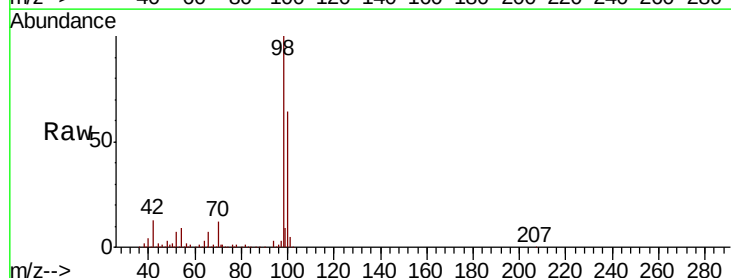
Acq: 16 Dec 2019 17:45

Tgt Ion: 98 Resp: 447460

Ion Ratio Lower Upper

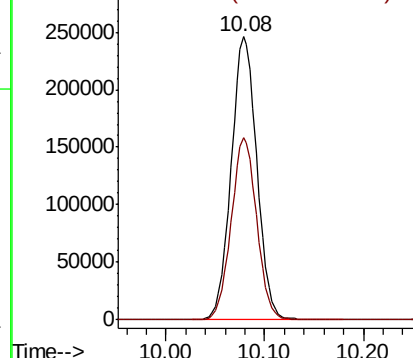
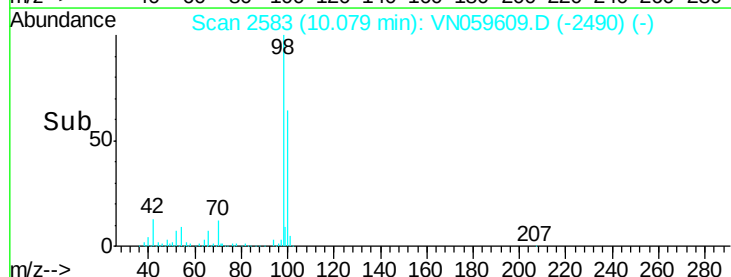
98 100

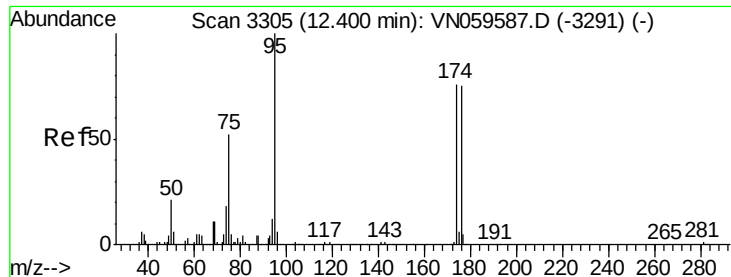
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 43.611 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

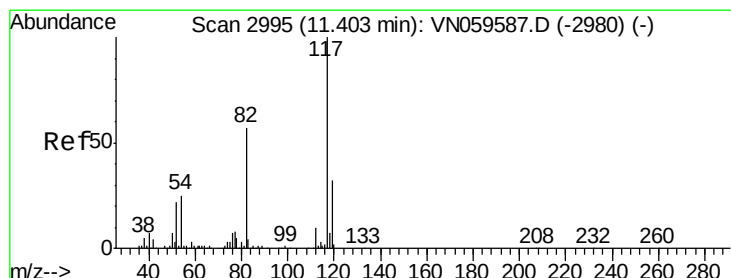
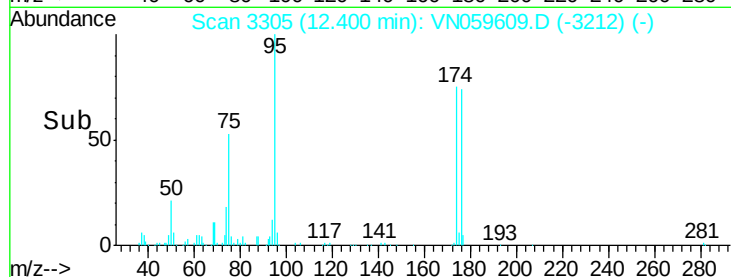
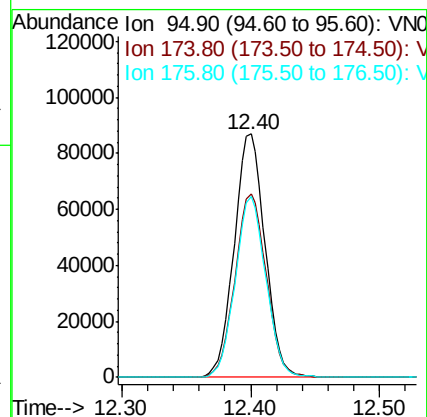
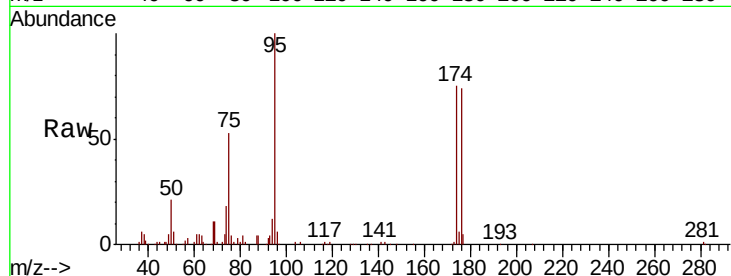
Tgt Ion: 95 Resp: 144573

Ion Ratio Lower Upper

95 100

174 76.2 0.0 151.4

176 73.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

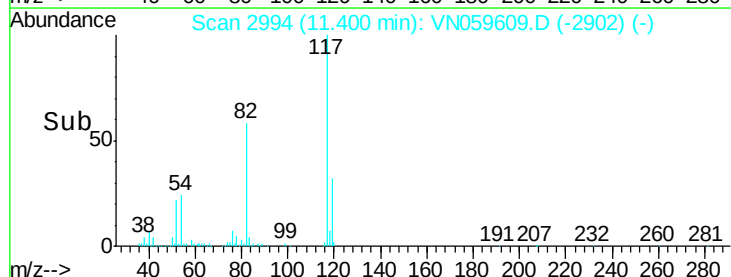
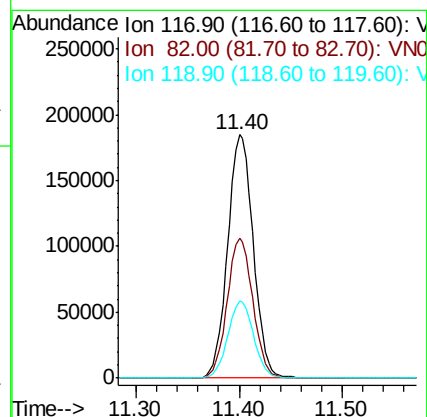
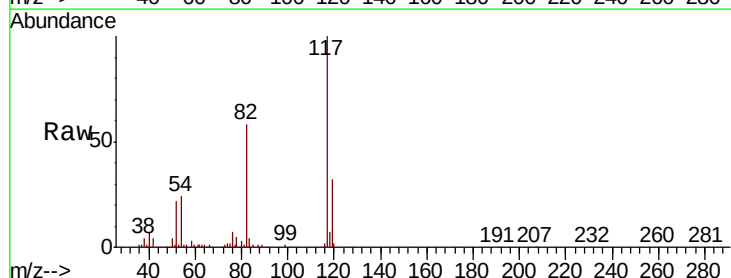
Tgt Ion: 117 Resp: 319694

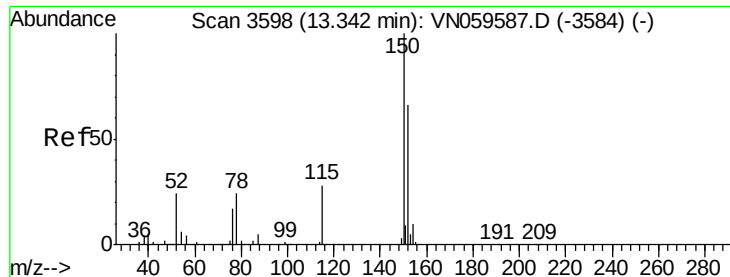
Ion Ratio Lower Upper

117 100

82 57.7 45.9 68.9

119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

IBLK

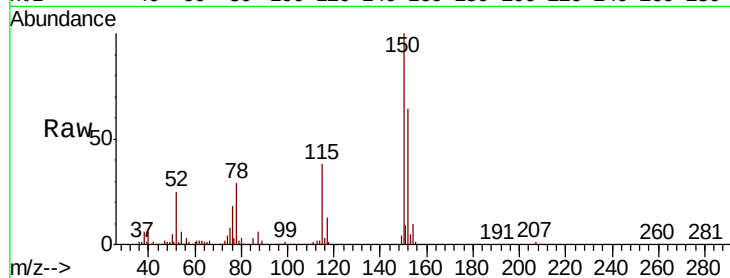
Tgt Ion:152 Resp: 123300

Ion Ratio Lower Upper

152 100

115 60.4 30.3 90.9

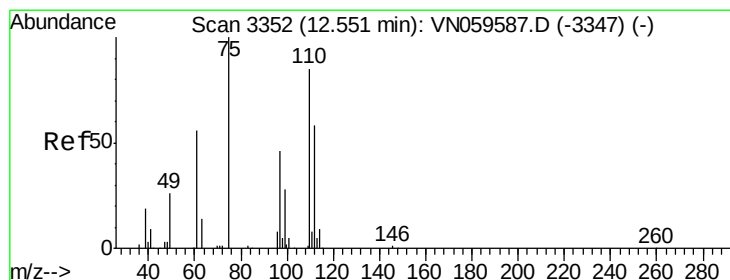
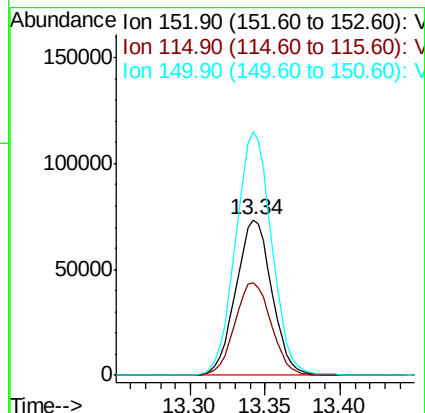
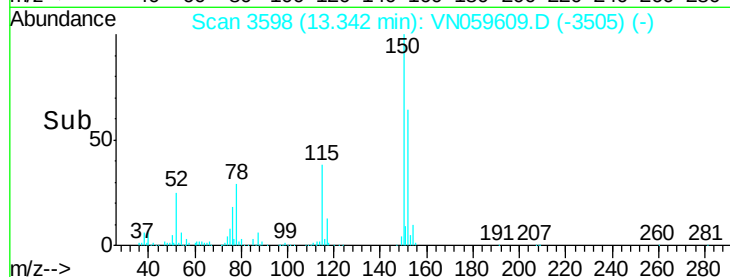
150 156.6 0.0 345.2



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: 25.186 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059609.D

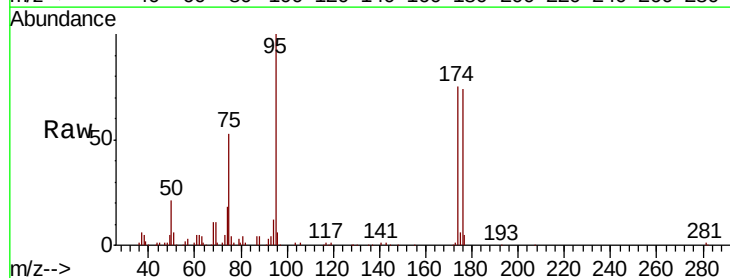
Acq: 16 Dec 2019 17:45

Tgt Ion: 75 Resp: 76878

Ion Ratio Lower Upper

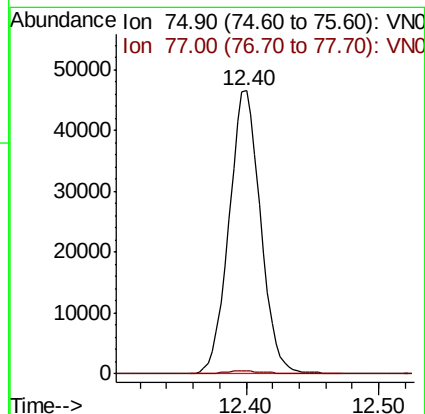
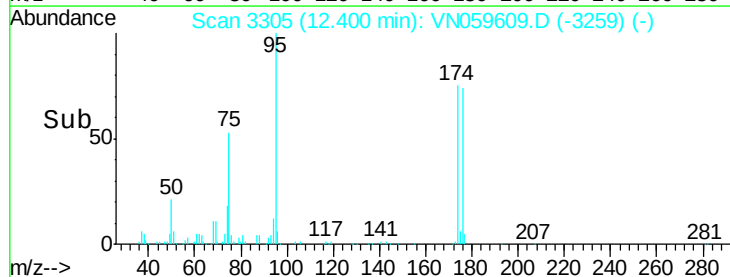
75 100

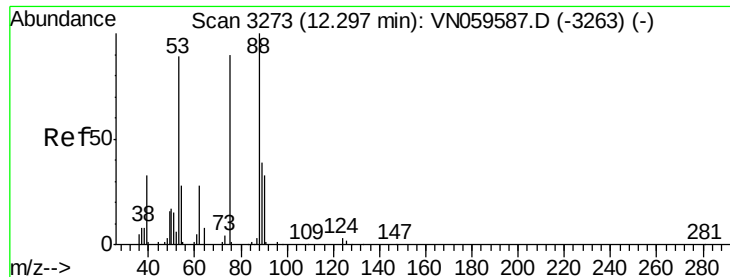
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

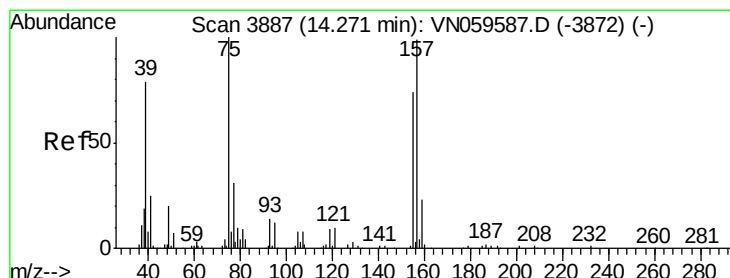
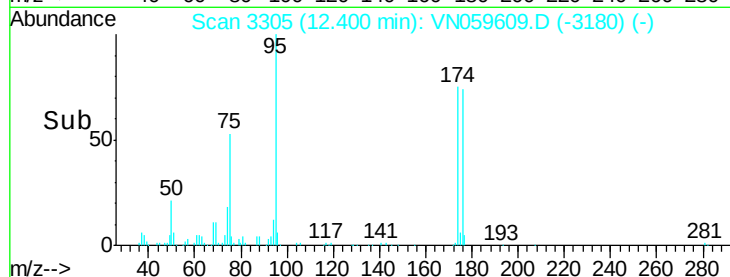
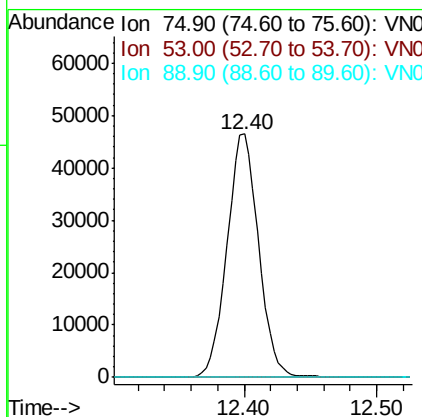
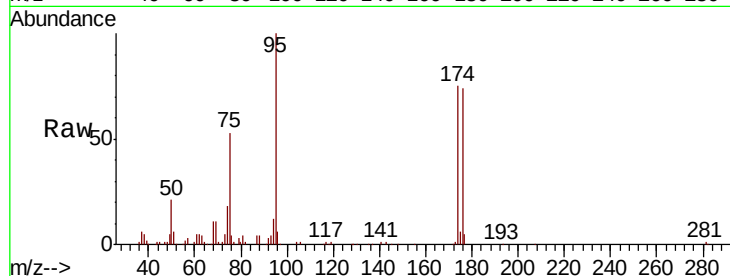




#81
trans-1,4-Dichloro-2-butene
Concen: 62.208 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 76878
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.995 ug/l
RT: 14.28 min Scan# 3889
Delta R.T. 0.01 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

Tgt Ion: 75 Resp: 331
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

