

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057936.D
 Acq On : 11 Sep 2019 20:10
 Operator : JC/SP
 Sample : K4825-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 12 02:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	288181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	429533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226519	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	312852	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	7.58	113	210949	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.09	98	856878	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.41	95	283947	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	

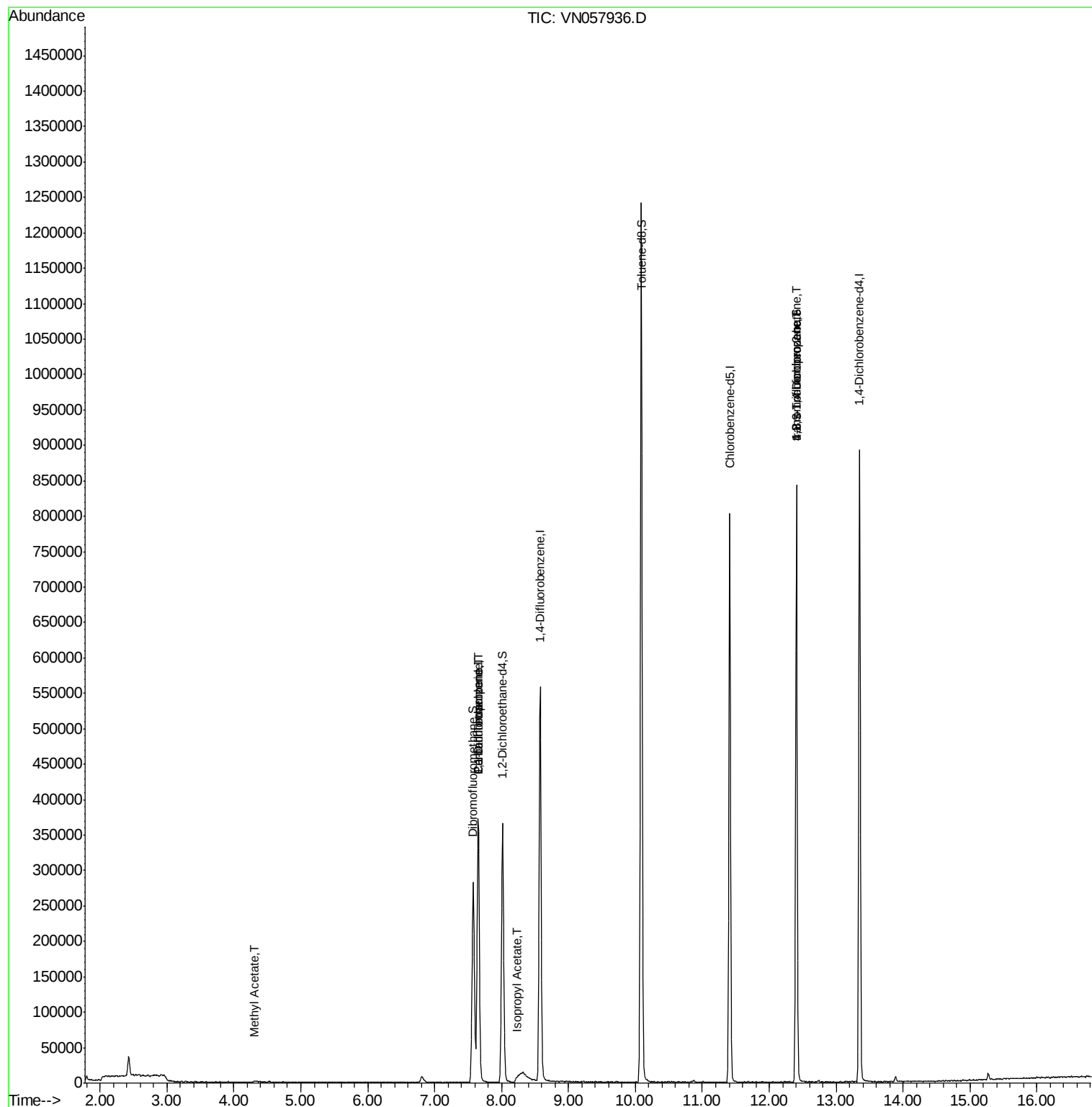
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	67	Below Cal	#	2
18) Methyl Acetate	4.31	43	1052	0.206	ug/l #	66
20) Methylene Chloride	4.53	84	707	Below Cal	#	68
31) Cyclohexane	7.65	56	7539	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	25444	4.583	ug/l #	51
38) Carbon Tetrachloride	7.65	117	28401	5.603	ug/l #	15
43) Isopropyl Acetate	8.22	43	3826	0.397	ug/l #	56
76) 1,2,3-Trichloropropane	12.41	75	156096	30.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	156096	107.197	ug/l #	6
95) Naphthalene	15.14	128	954	Below Cal	#	69

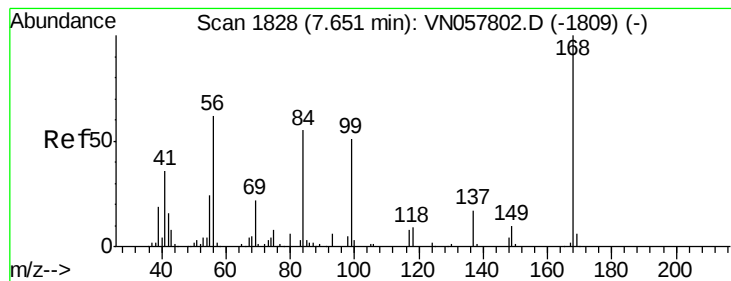
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
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Instrument :
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Quant Time: Sep 12 02:31:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057936.D

Acq: 11 Sep 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

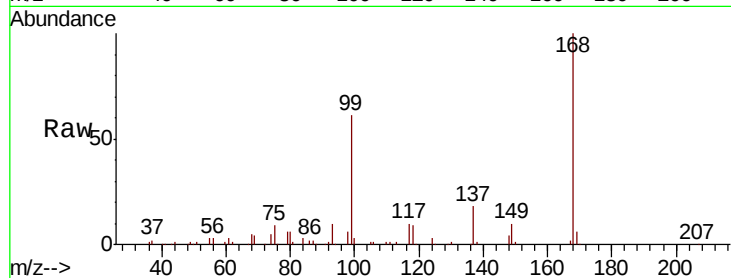
TRIP-BLANK

Tgt Ion:168 Resp: 288181

Ion Ratio Lower Upper

168 100

99 61.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

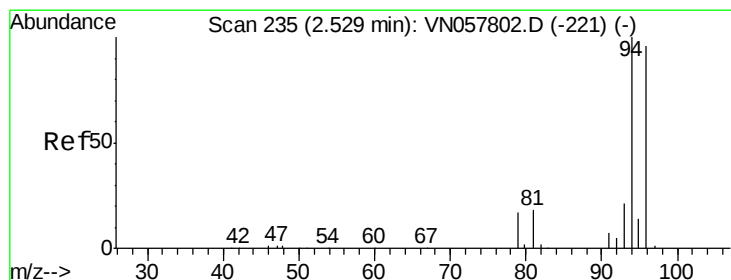
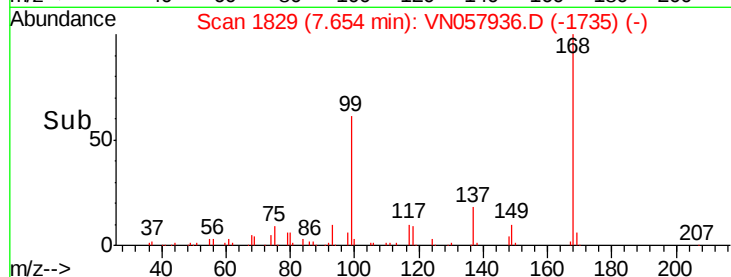
7.65

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN057936.D

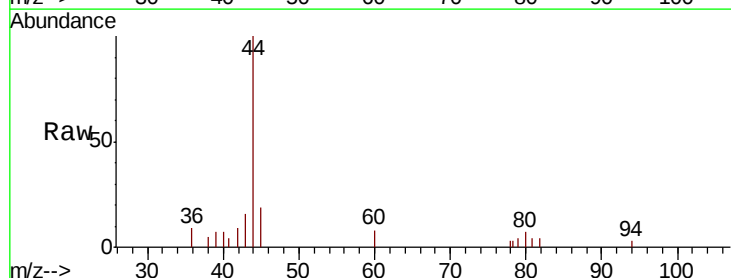
Acq: 11 Sep 2019 20:10

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

200

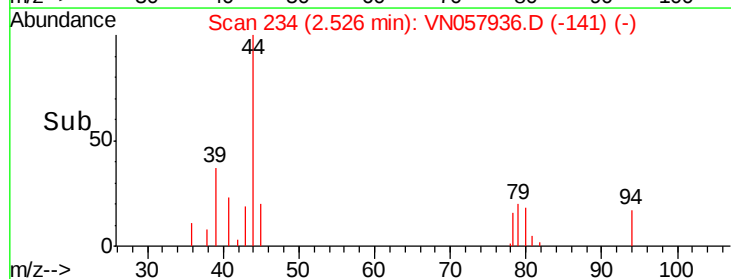
150

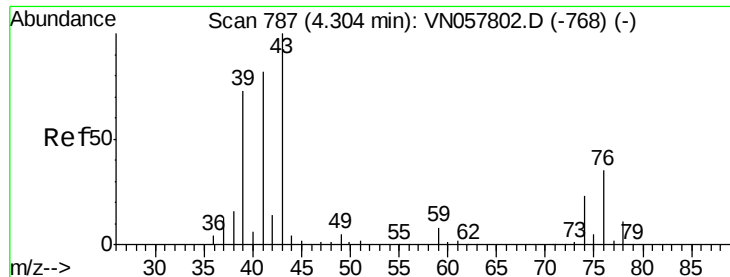
100

50

0

Time--> 2.51 2.52 2.53

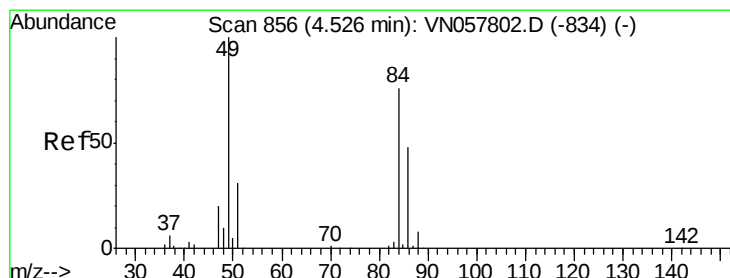
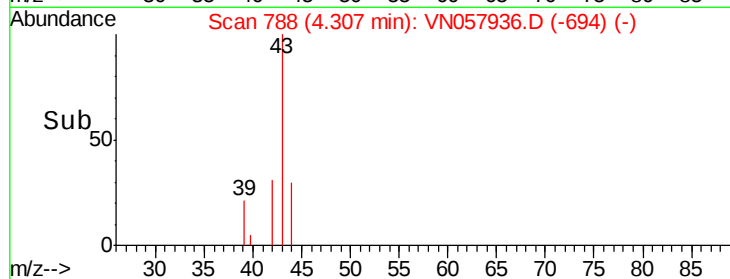
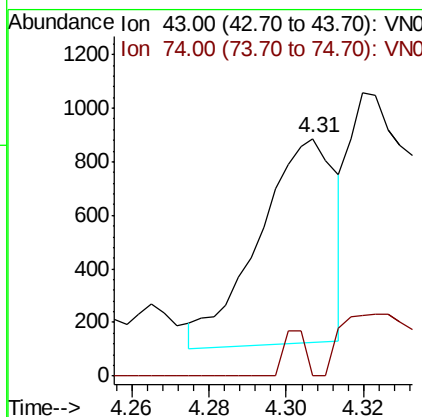
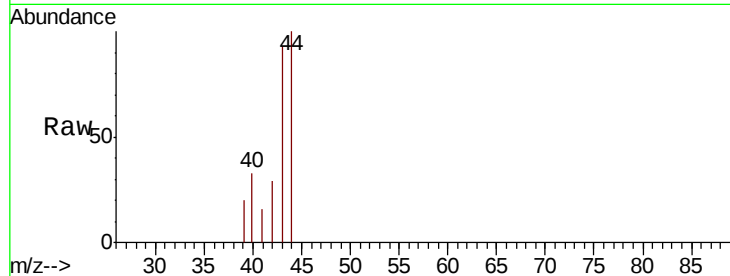




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

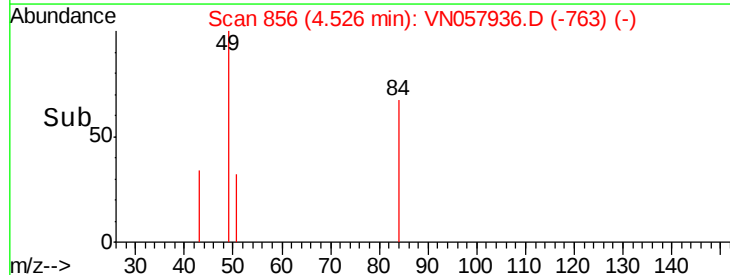
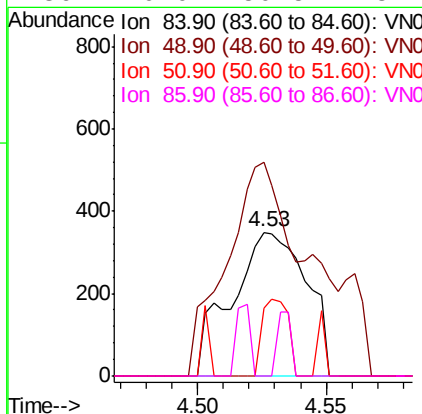
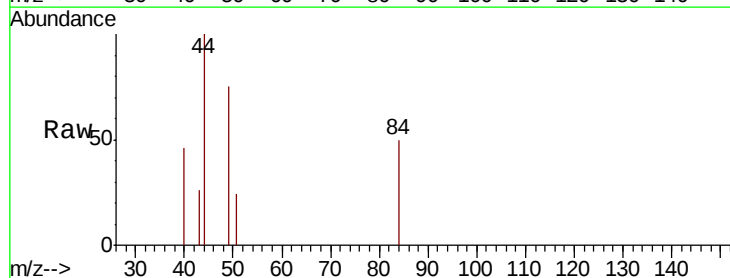
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

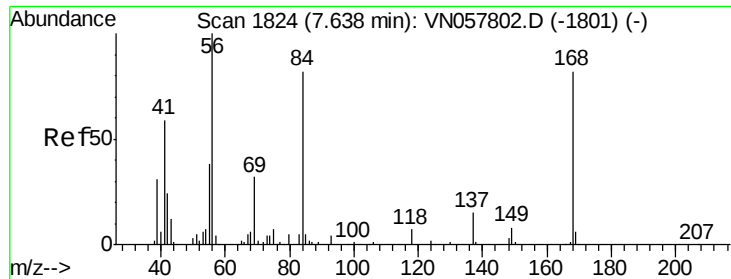
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
74 6.2 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

Tgt Ion: 84 Resp: 707
Ion Ratio Lower Upper
84 100
49 148.7 104.8 157.2
51 47.3 33.0 49.4
86 0.0 50.5 75.7#

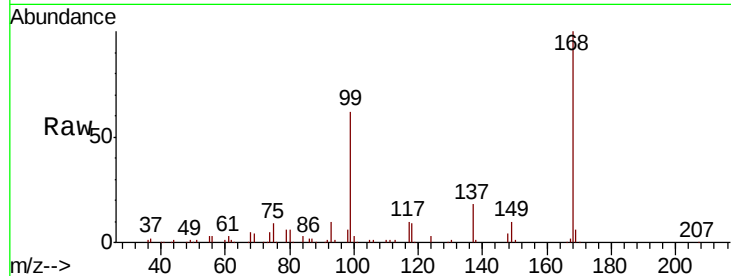




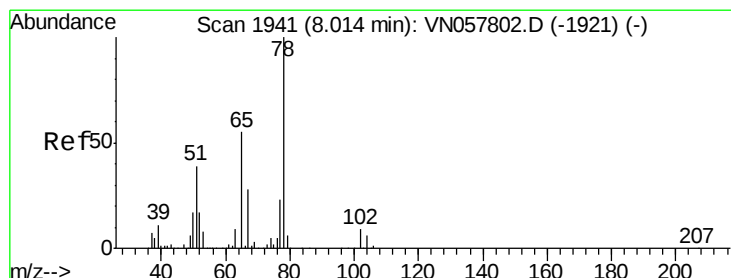
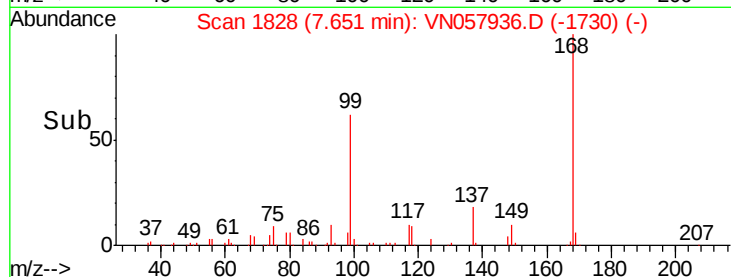
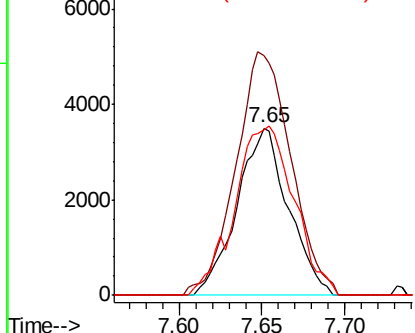
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tgt Ion: 56 Resp: 7539
Ion Ratio Lower Upper
56 100
69 143.6 25.9 38.9#
84 99.0 65.6 98.4#

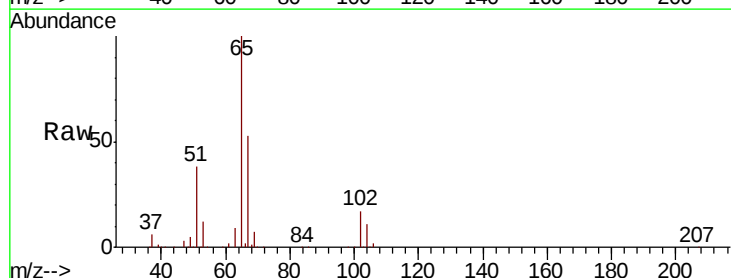


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

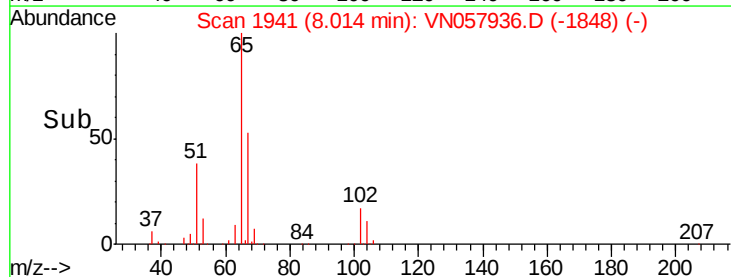
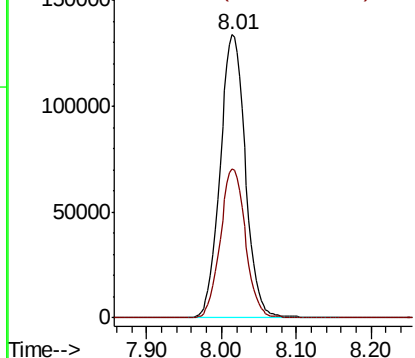


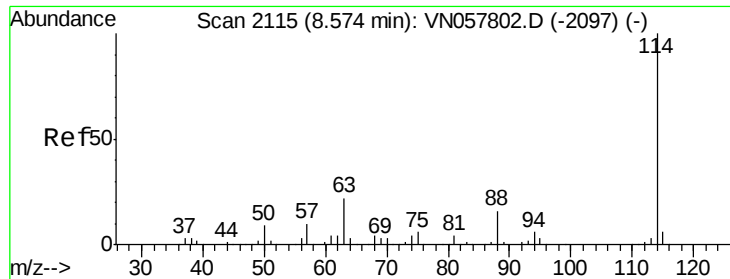
#33
1,2-Dichloroethane-d4
Concen: 53.599 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

Tgt Ion: 65 Resp: 312852
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0



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

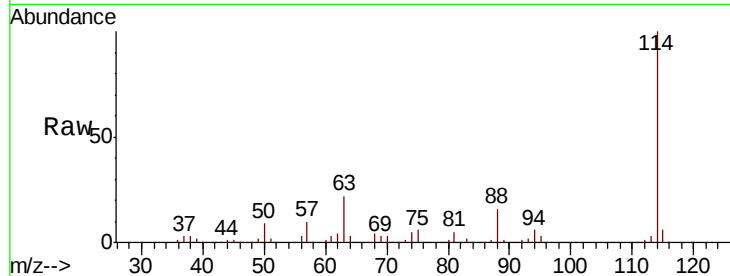




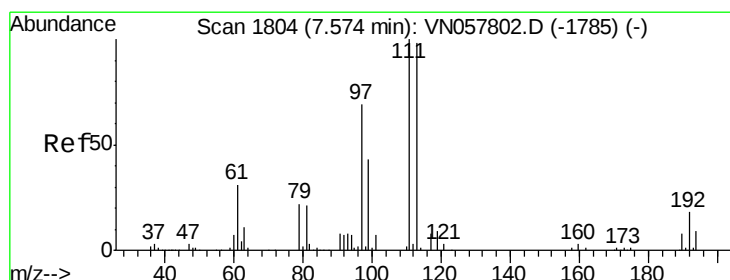
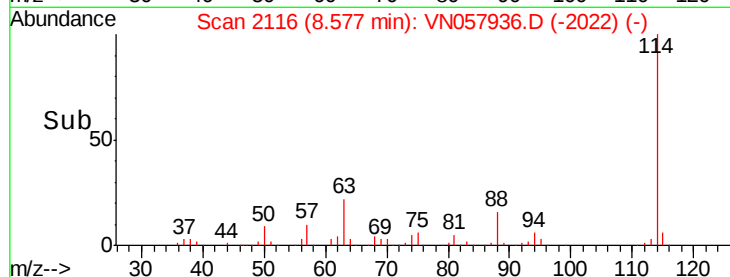
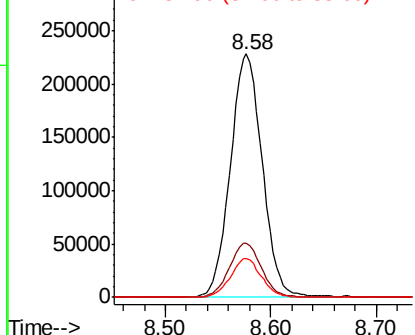
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057936.D
 Acq: 11 Sep 2019 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:114 Resp: 478726
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 16.2 0.0 31.4

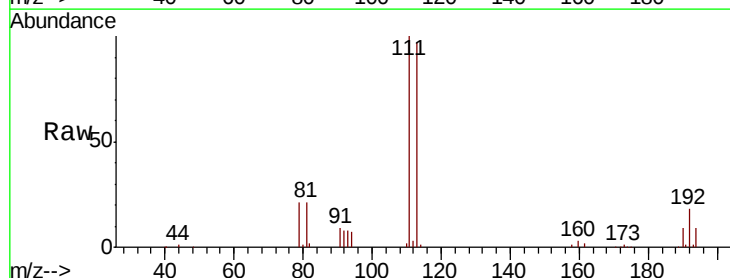


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

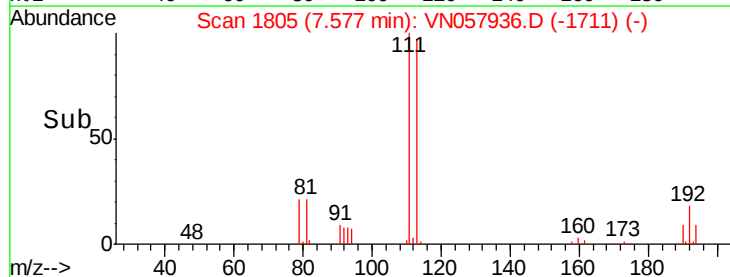
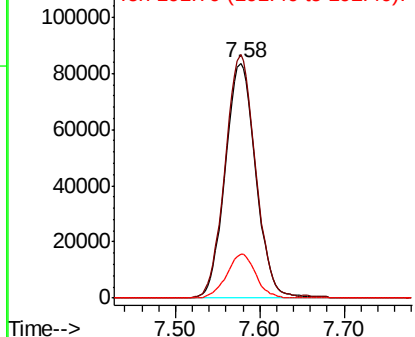


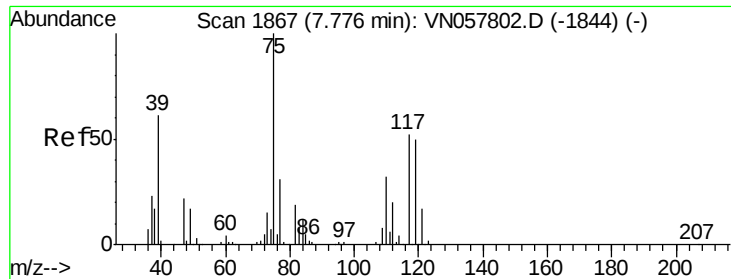
#35
 Dibromofluoromethane
 Concen: 47.743 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057936.D
 Acq: 11 Sep 2019 20:10

Tgt Ion:113 Resp: 210949
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 17.8 14.6 22.0



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

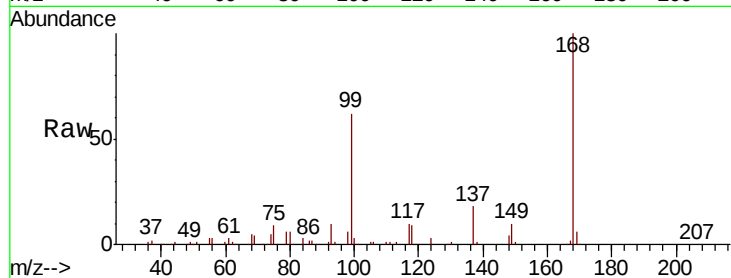




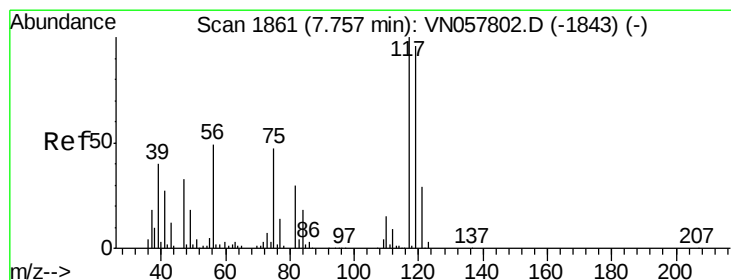
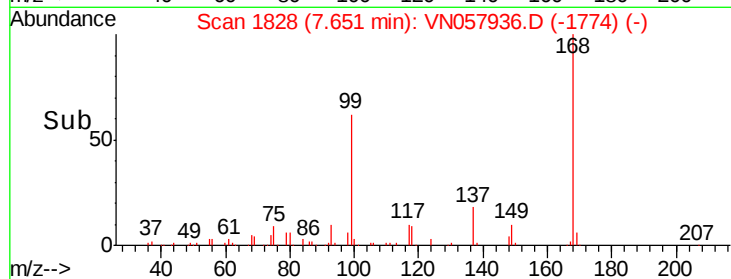
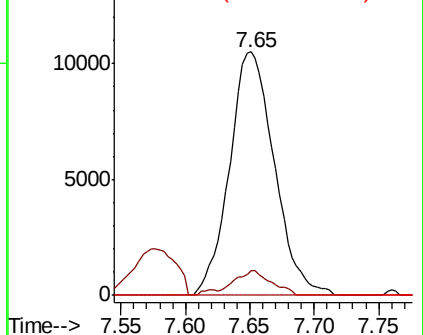
#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057936.D
 Acq: 11 Sep 2019 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 25444
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.3 48.9#
 77 0.0 25.0 37.4#

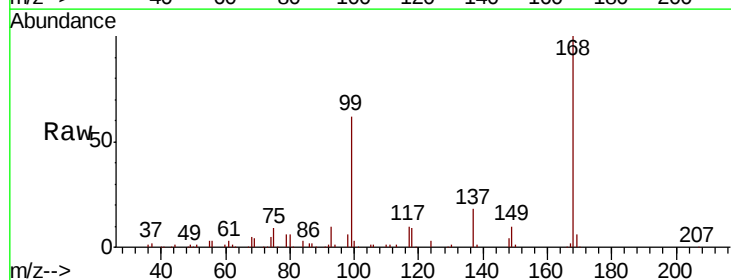


Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-1844) (-)
 Ion 109.90 (109.60 to 110.60): VN057802.D (-1844) (-)
 Ion 76.90 (76.60 to 77.60): VN057802.D (-1844) (-)

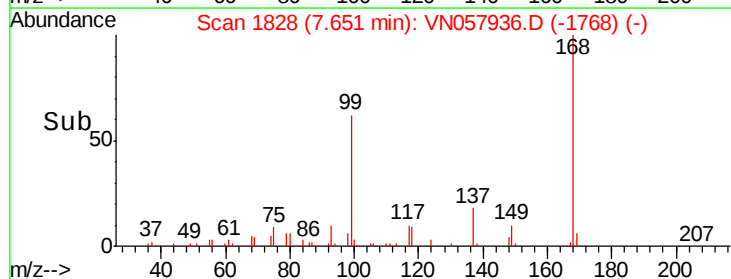
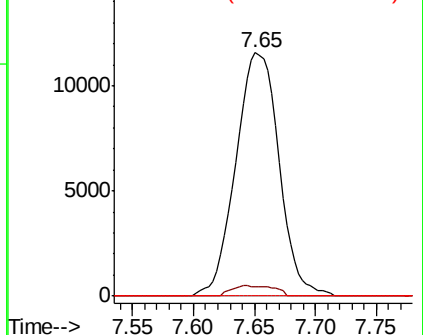


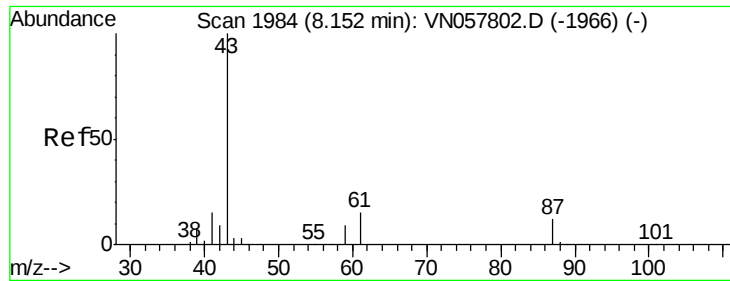
#38
 Carbon Tetrachloride
 Concen: 5.603 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057936.D
 Acq: 11 Sep 2019 20:10

Tgt Ion: 117 Resp: 28401
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.9 115.3#
 121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-1843) (-)
 Ion 118.80 (118.50 to 119.50): VN057802.D (-1843) (-)
 Ion 120.80 (120.50 to 121.50): VN057802.D (-1843) (-)





#43

Isopropyl Acetate

Concen: 0.397 ug/l

RT: 8.22 min Scan# 2006

Delta R.T. 0.07 min

Lab File: VN057936.D

Acq: 11 Sep 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

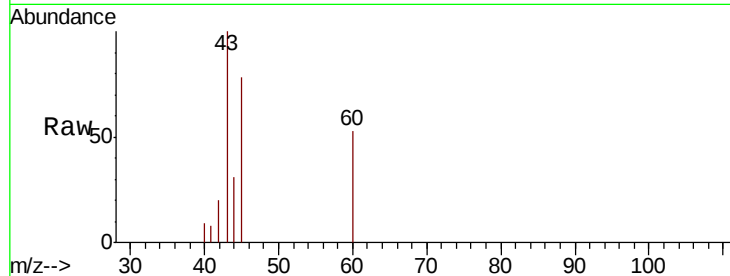
Tgt Ion: 43 Resp: 3826

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

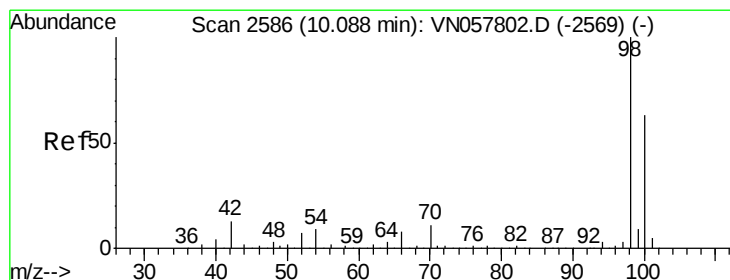
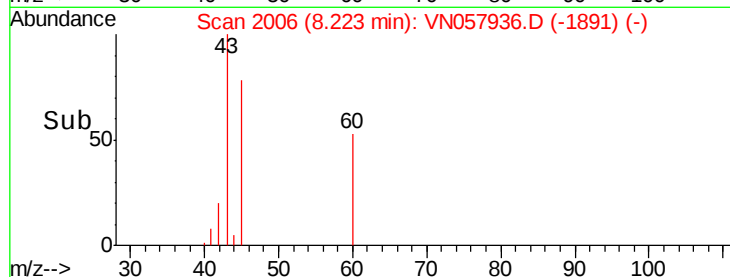
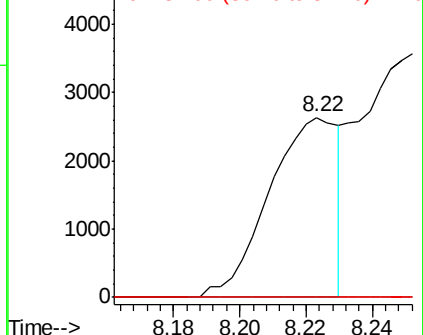
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057936.D

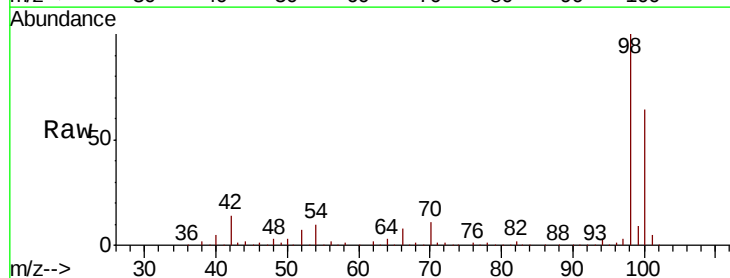
Acq: 11 Sep 2019 20:10

Tgt Ion: 98 Resp: 856878

Ion Ratio Lower Upper

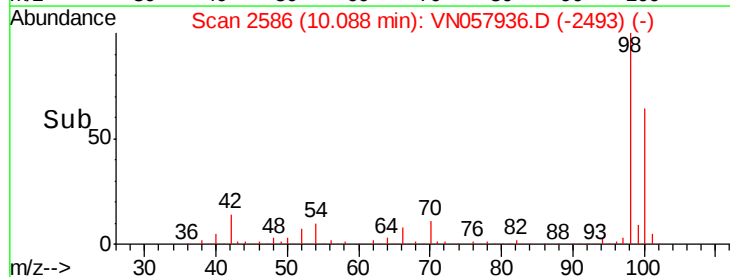
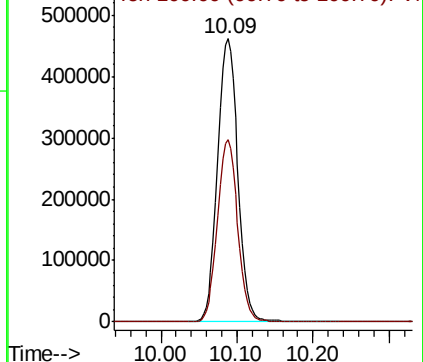
98 100

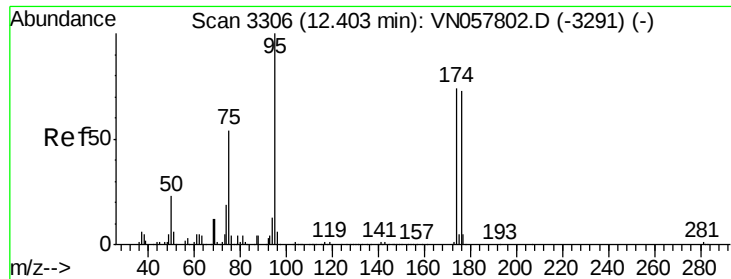
100 64.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

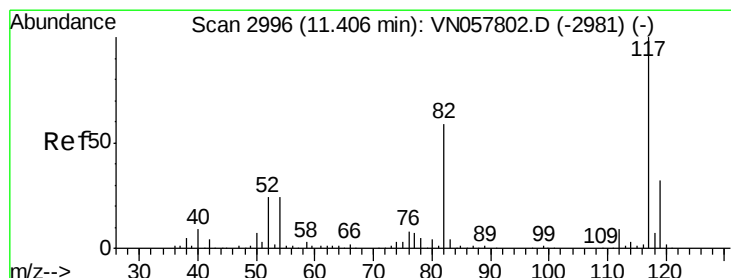
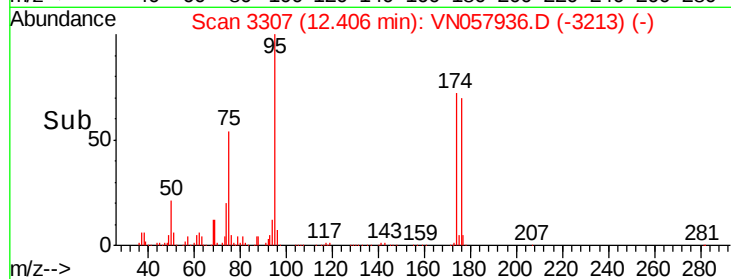
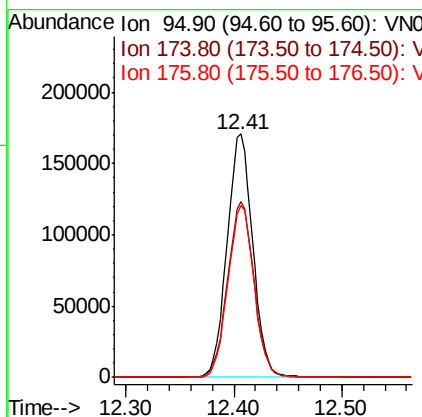
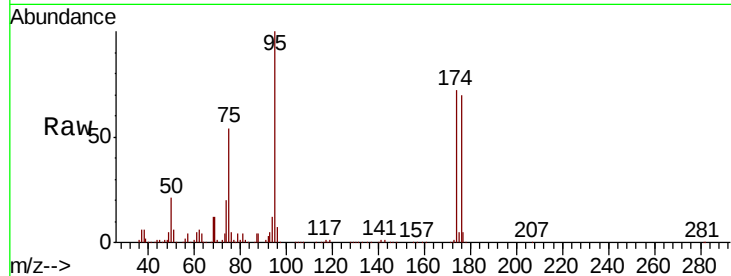




#62
4-Bromofluorobenzene
Concen: 43.434 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

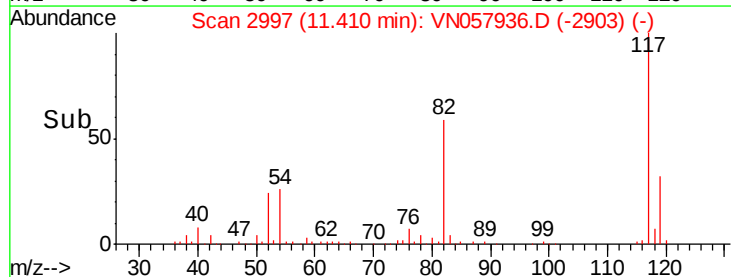
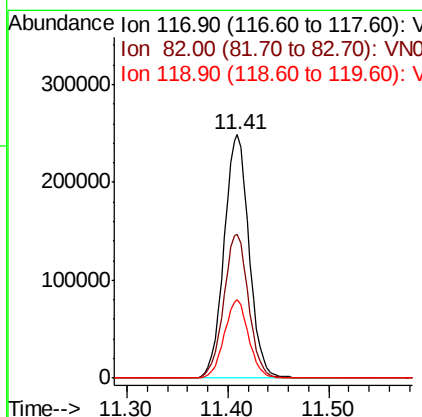
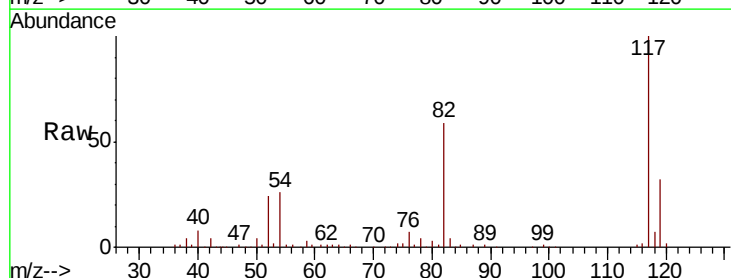
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MSVOA_N
ClientSampleId :
TRIP-BLANK

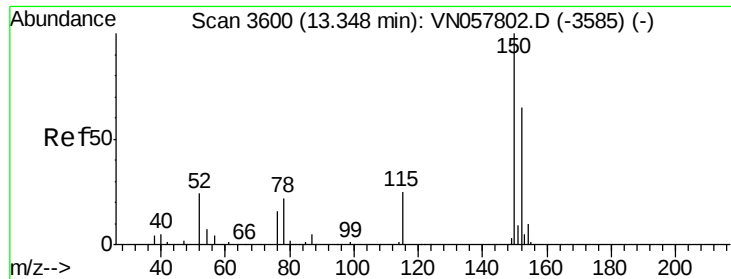
Tgt Ion: 95 Resp: 283947
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.2
176 71.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057936.D
Acq: 11 Sep 2019 20:10

Tgt Ion: 117 Resp: 429533
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057936.D

Acq: 11 Sep 2019 20:10

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

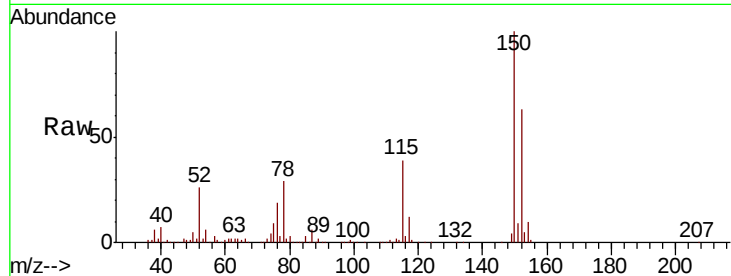
Tgt Ion:152 Resp: 226519

Ion Ratio Lower Upper

152 100

115 59.6 30.3 91.0

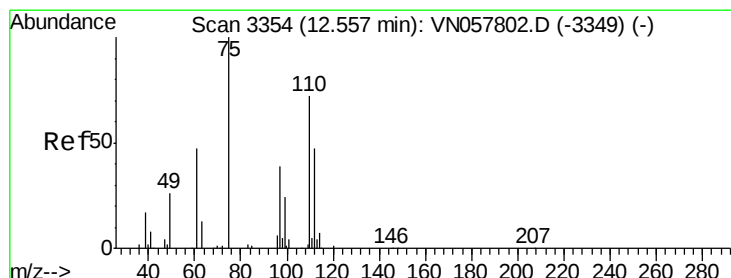
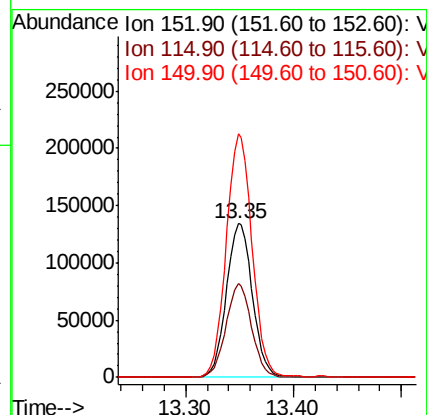
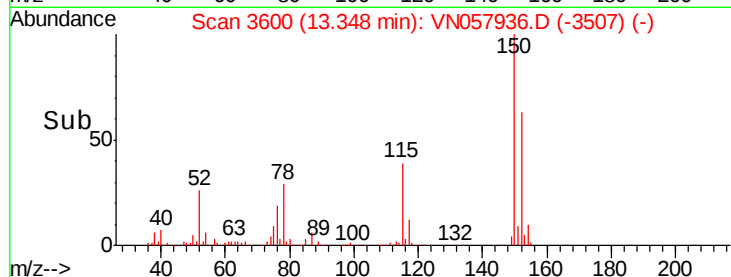
150 156.3 0.0 352.4



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: 30.462 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057936.D

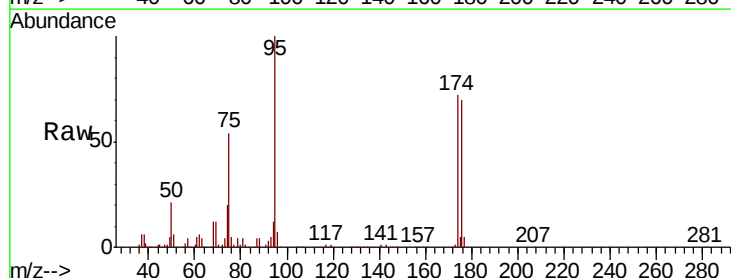
Acq: 11 Sep 2019 20:10

Tgt Ion: 75 Resp: 156096

Ion Ratio Lower Upper

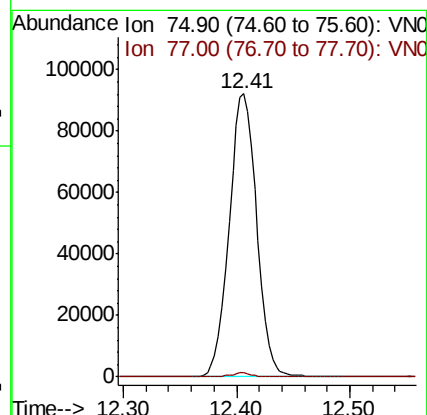
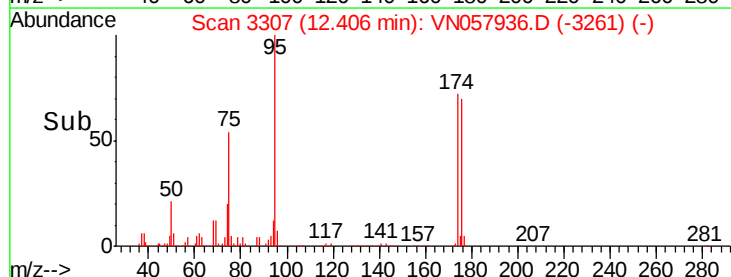
75 100

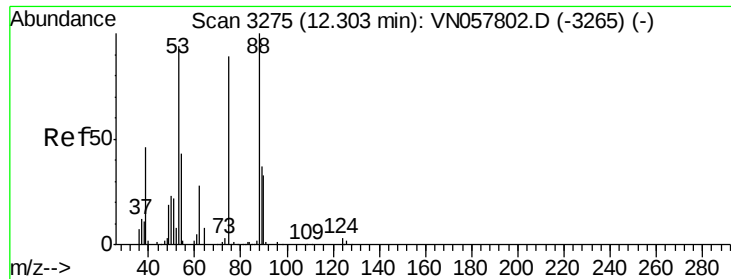
77 1.1 0.0 0.0#



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: 107.197 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057936.D

Acq: 11 Sep 2019 20:10

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

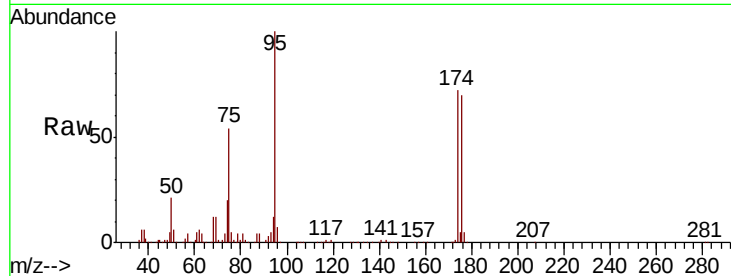
Tgt Ion: 75 Resp: 156096

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

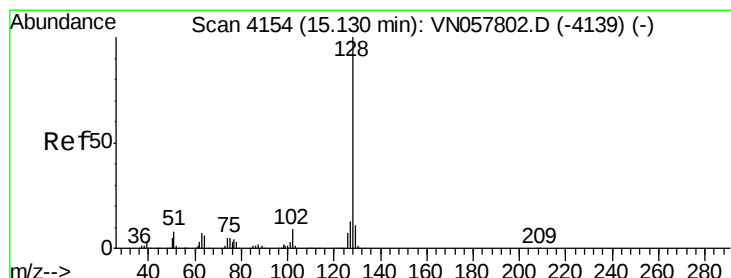
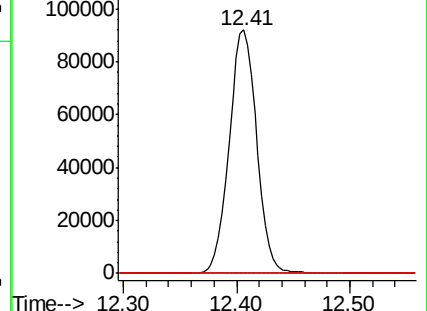
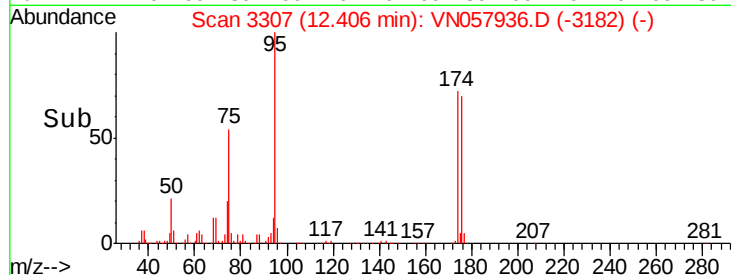
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN057936.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN057936.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN057936.D (-3182) (-)



#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN057936.D

Acq: 11 Sep 2019 20:10

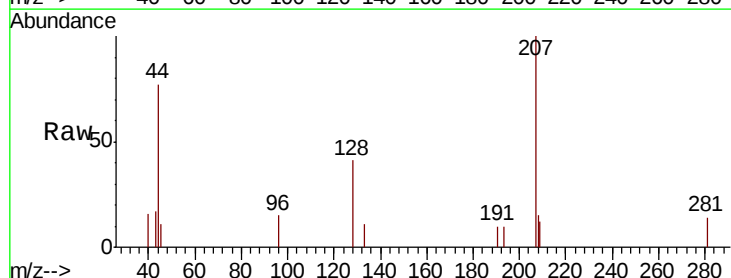
Tgt Ion: 128 Resp: 954

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN057936.D (-4060) (-)

Ion 127.00 (126.70 to 127.70): VN057936.D (-4060) (-)

Ion 129.00 (128.70 to 129.70): VN057936.D (-4060) (-)

