

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052362.D
 Acq On : 16 Nov 2018 14:07
 Operator : MD\SY
 Sample : J5952-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 16 22:39:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	316389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	523731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	222615	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	169079	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	656074	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	184701	42.25	ug/l	0.00
Spiked Amount			Recovery	=	84.50%	

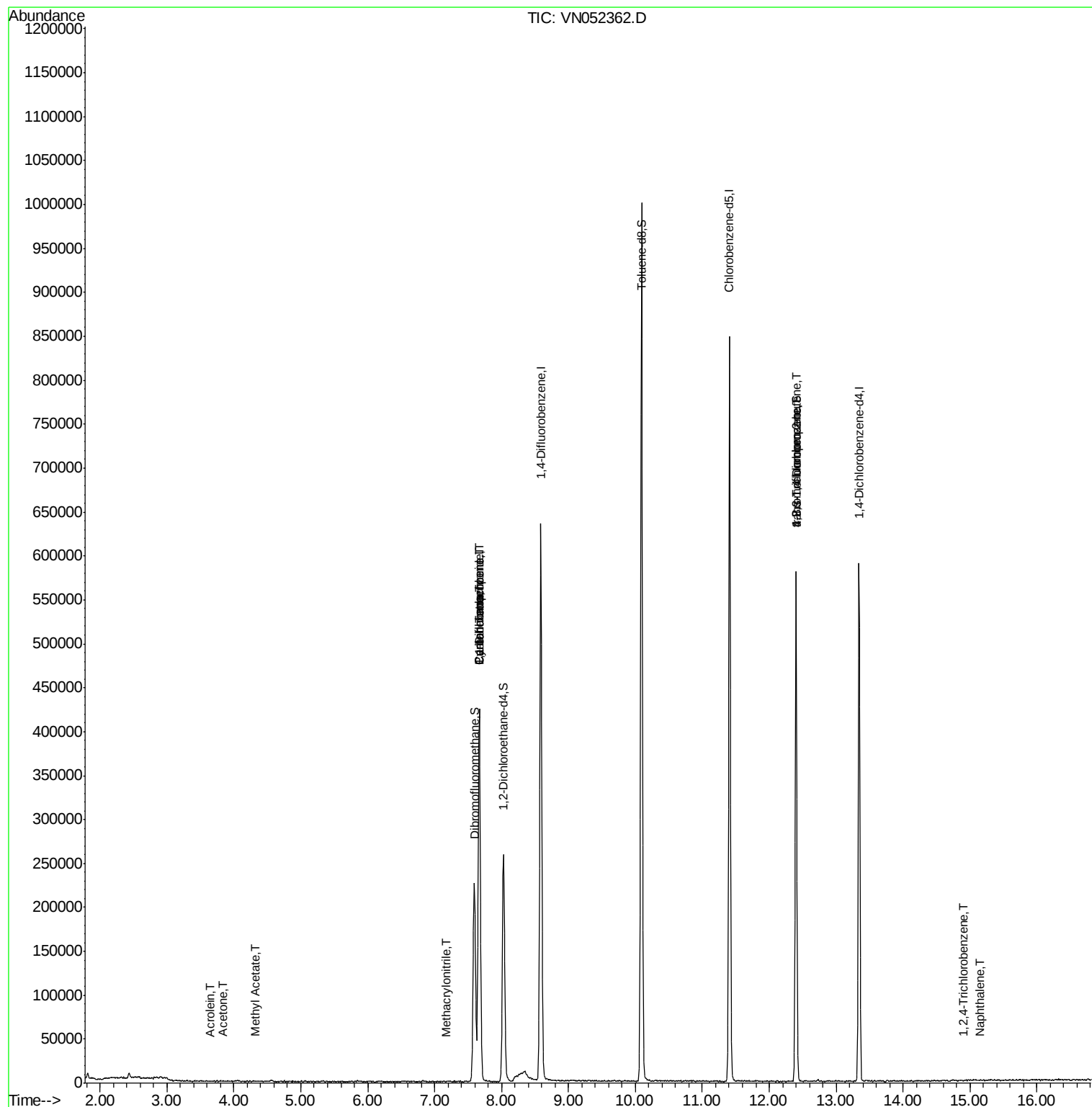
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.64	56	30	21.847	ug/l #	14
16) Acetone	3.83	43	816	0.663	ug/l #	44
18) Methyl Acetate	4.32	43	384	0.542	ug/l #	57
20) Methylene Chloride	4.54	84	144	Below Cal	#	9
31) Cyclohexane	7.66	56	9879	0.402	ug/l #	42
36) 1,1-Dichloropropene	7.67	75	28711	5.469	ug/l #	51
38) Carbon Tetrachloride	7.67	117	33717	6.991	ug/l #	17
41) Methacrylonitrile	7.17	41	62	3.723	ug/l #	100
76) 1,2,3-Trichloropropane	12.40	75	104842	44.063	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	104842	142.912	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	81	2.294	ug/l #	24
95) Naphthalene	15.14	128	605	2.720	ug/l #	76

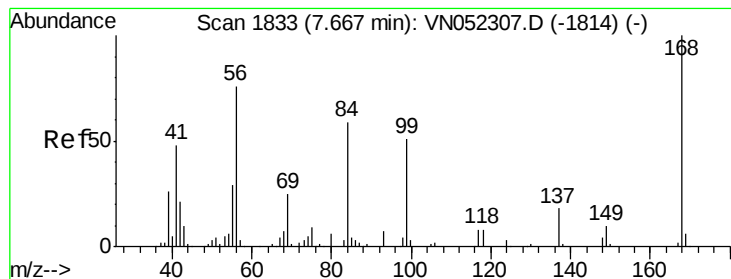
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\
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Quant Time: Nov 16 22:39:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

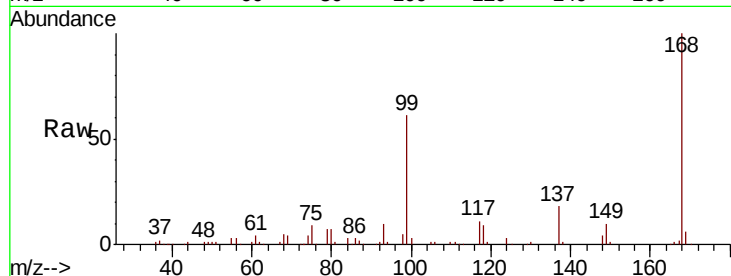
TRIP-BLANK

Tot Ion:168 Resp: 316389

Ion Ratio Lower Upper

168 100

99 61.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

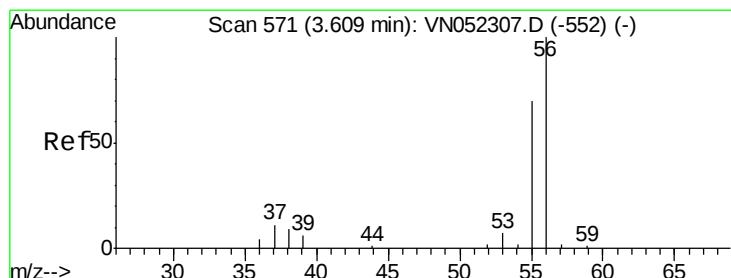
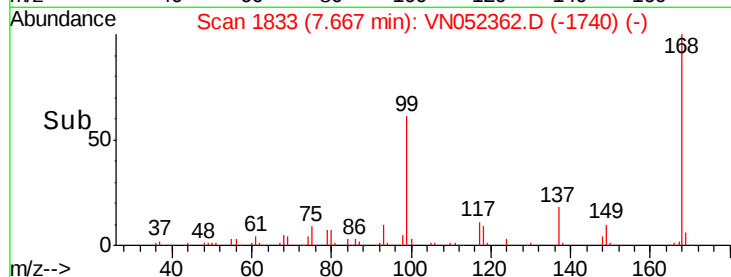
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 21.847 ug/l

RT: 3.64 min Scan# 580

Delta R.T. 0.03 min

Lab File: VN052362.D

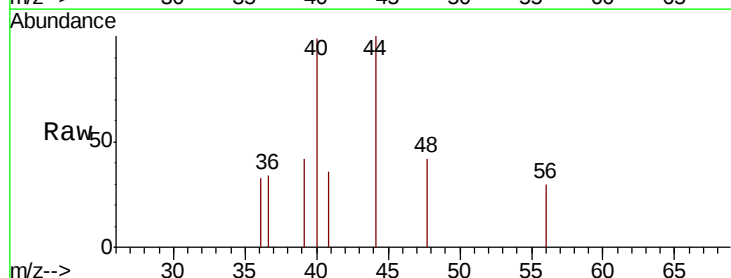
Acq: 16 Nov 2018 14:07

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052307.D (-552) (-)

3.64

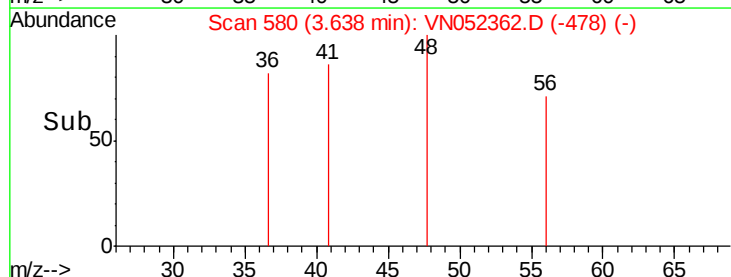
150

100

50

0

Time-->





#16

Acetone

Concen: 0.663 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampled :

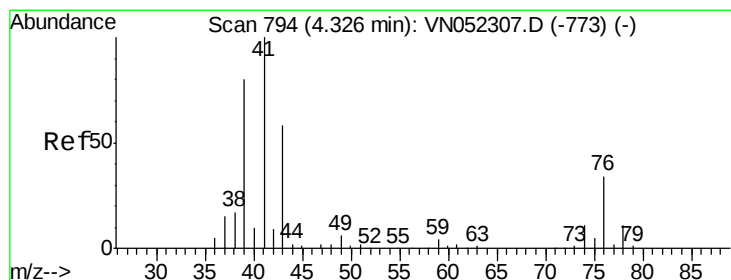
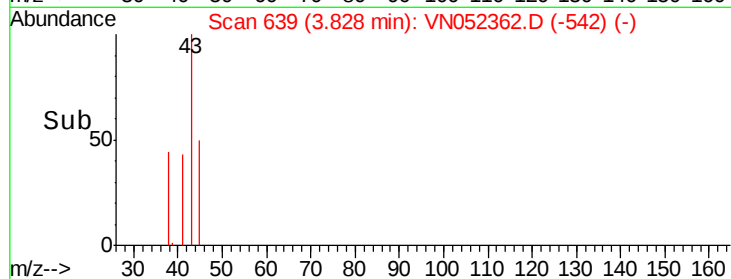
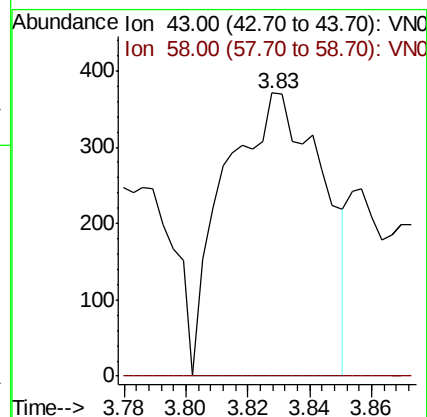
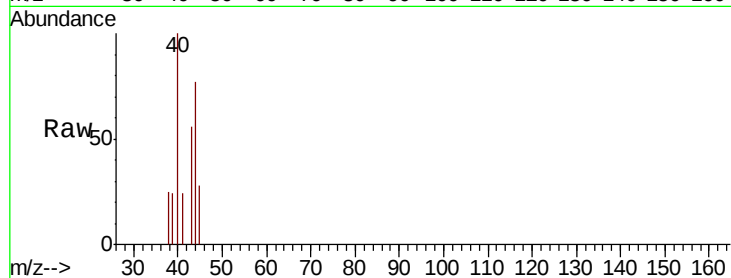
TRIP-BLANK

Tot Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#



#18

Methyl Acetate

Concen: 0.542 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN052362.D

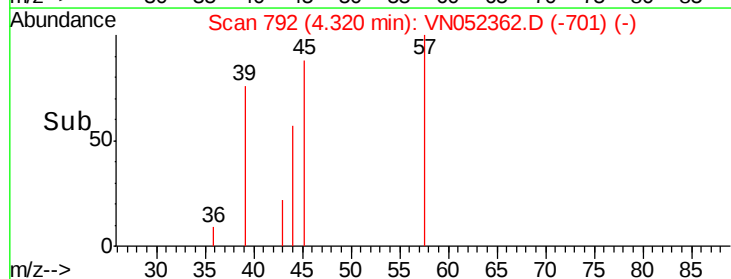
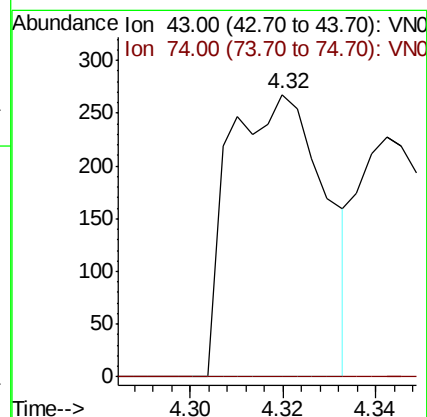
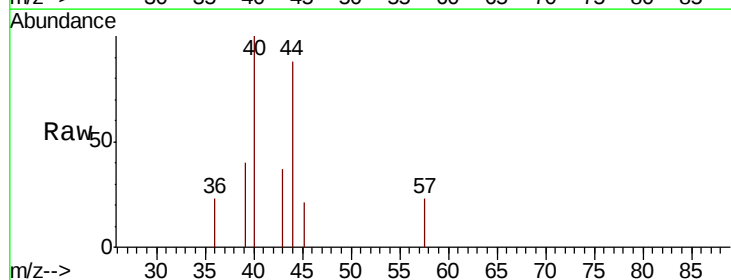
Acq: 16 Nov 2018 14:07

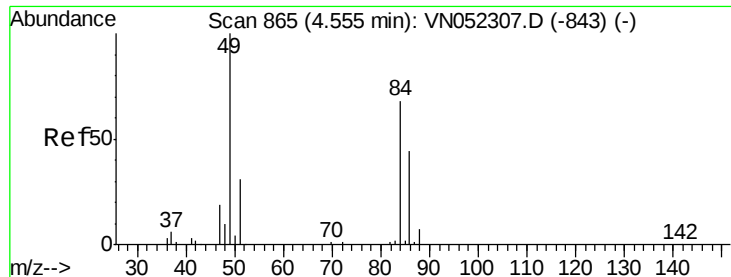
Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#

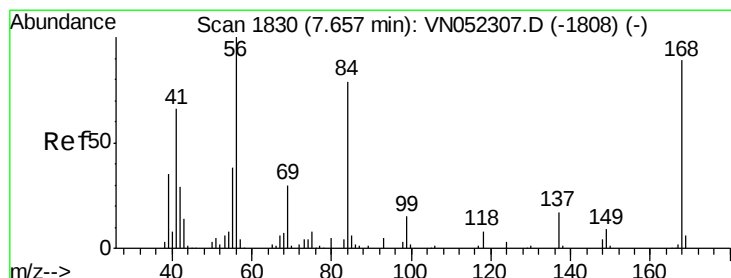
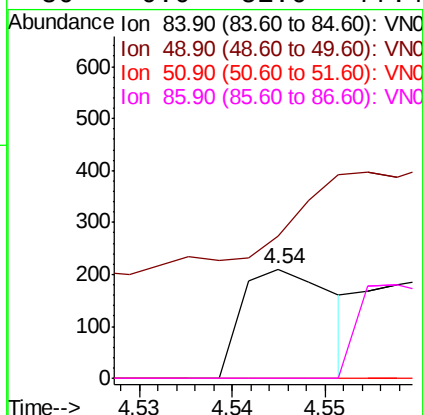
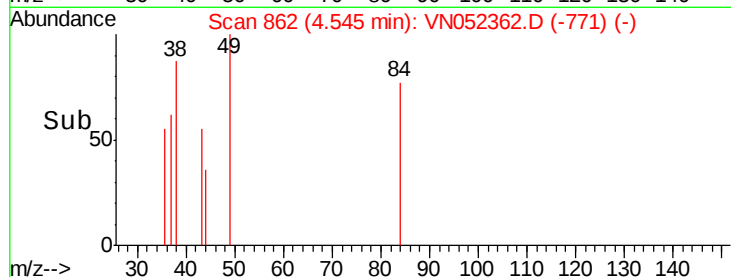
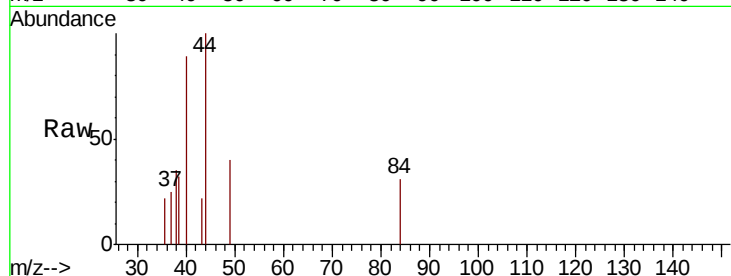




#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

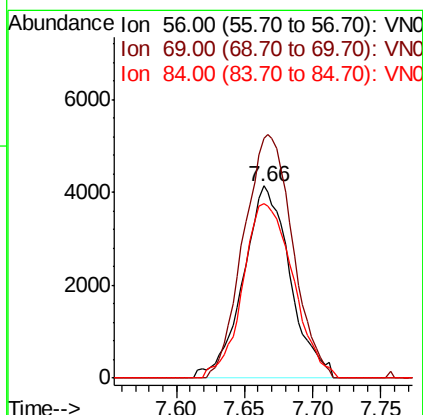
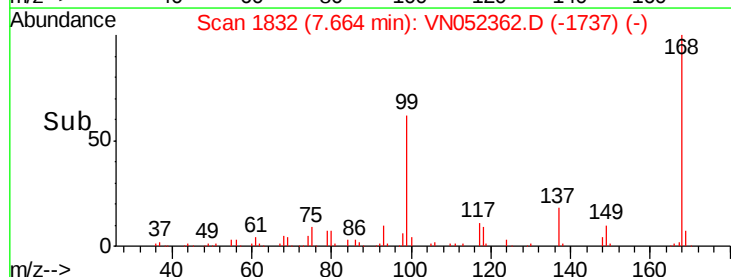
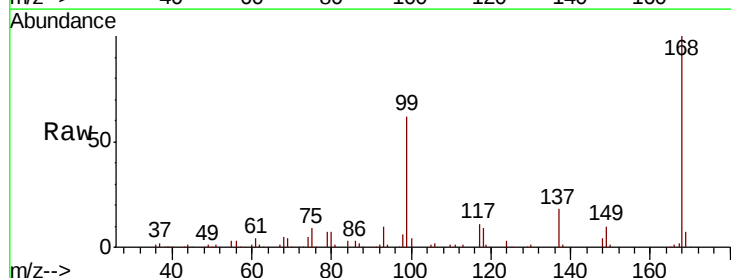
Instrument :
MSVOA_N
ClientSampled :
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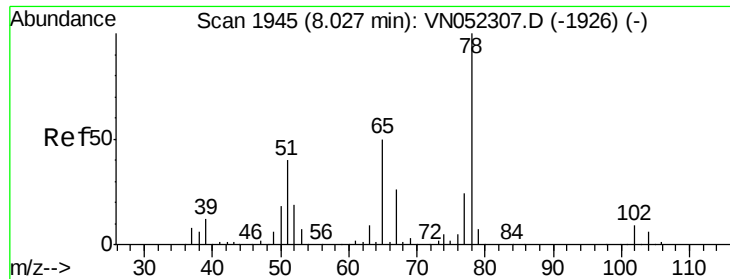
Tot Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 19.0 118.2 177.2#
51 0.0 36.1 54.1#
86 0.0 51.6 77.4#



#31
Cyclohexane
Concen: 0.402 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

Tgt Ion: 56 Resp: 9879
Ion Ratio Lower Upper
56 100
69 124.9 23.8 35.8#
84 90.9 63.0 94.6





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

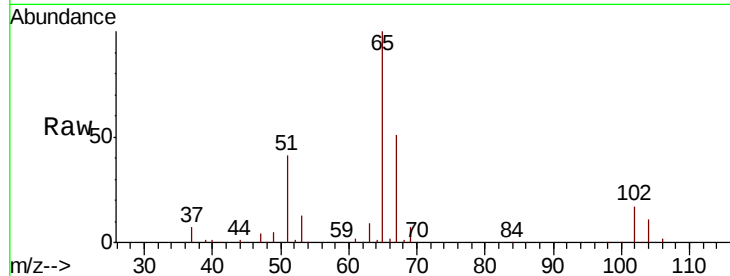
TRIP-BLANK

Tot Ion: 65 Resp: 222615

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052307.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052307.D (-1926) (-)

8.03

100000

80000

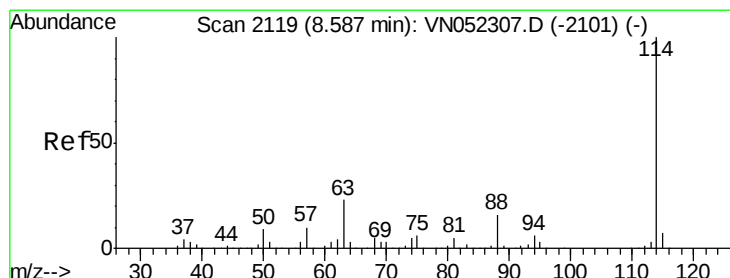
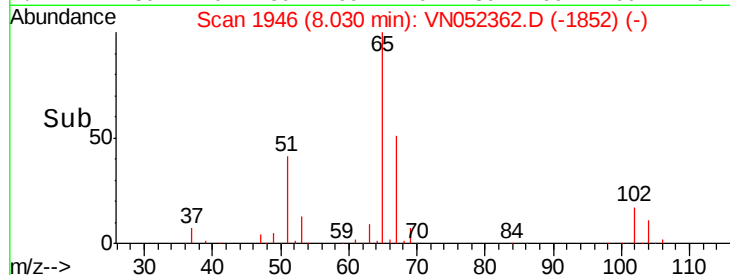
60000

40000

20000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Tgt Ion: 114 Resp: 523731

Ion Ratio Lower Upper

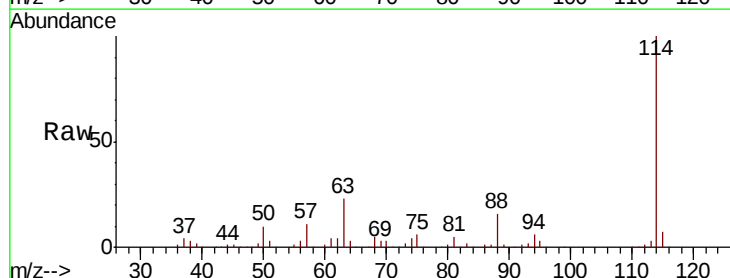
114 100

63 22.8

0.0 45.4

88 15.7

0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN052307.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052307.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052307.D (-2101) (-)

8.59

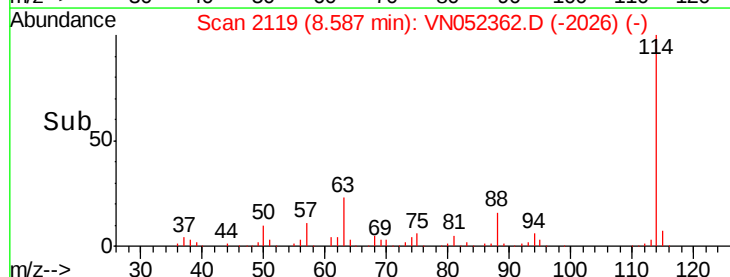
300000

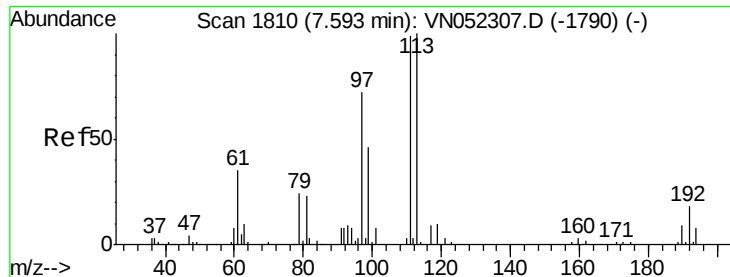
200000

100000

0

Time--> 8.50 8.60 8.70

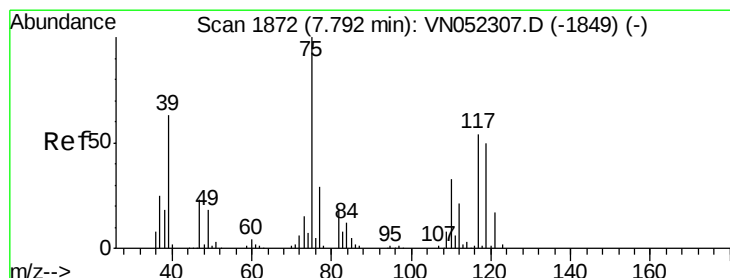
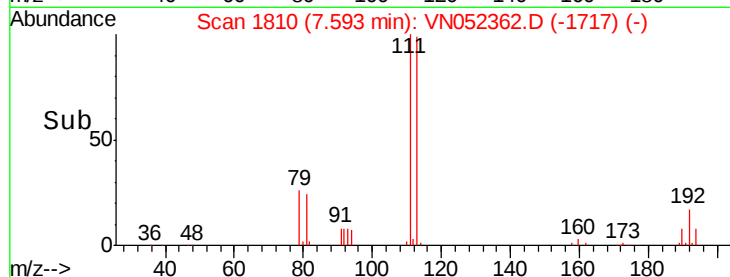
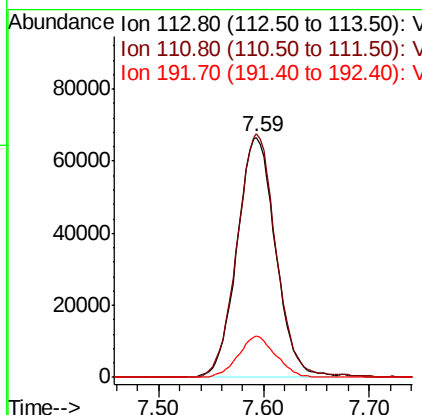
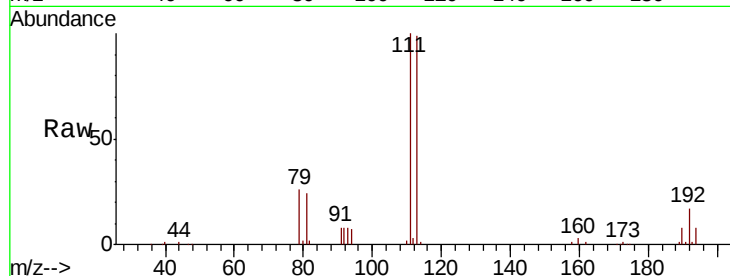




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

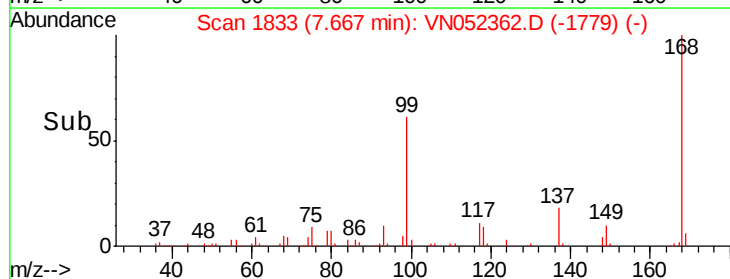
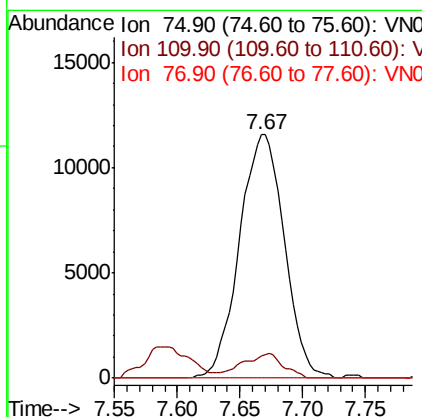
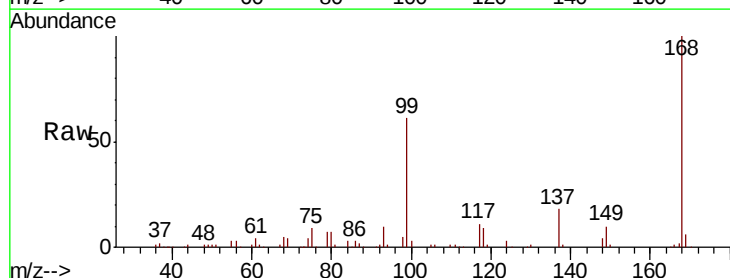
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

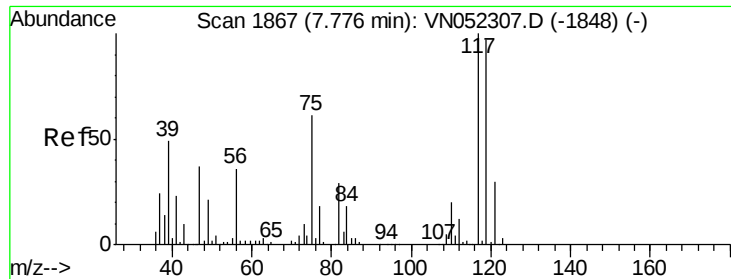
Tot Ion:113 Resp: 169079
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.6
192 16.6 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.469 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

Tgt Ion: 75 Resp: 28711
Ion Ratio Lower Upper
75 100
110 9.1 16.5 49.5#
77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.991 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

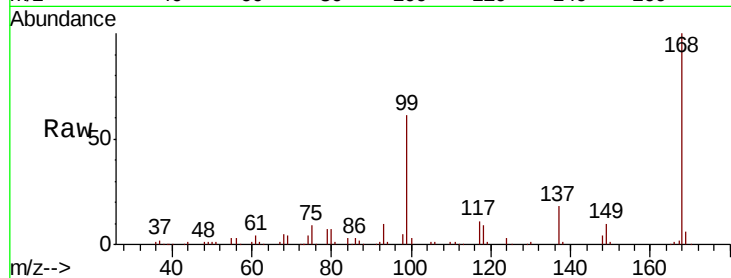
Tot Ion:117 Resp: 33717

Ion Ratio Lower Upper

117 100

119 6.5 77.4 116.0#

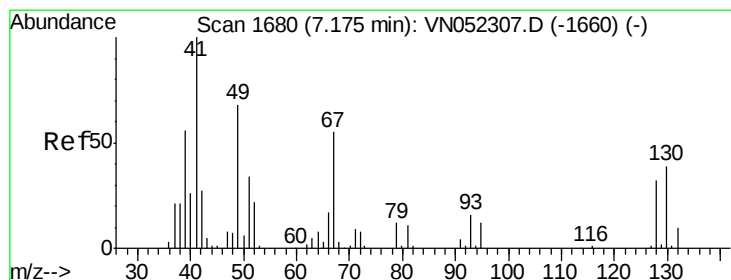
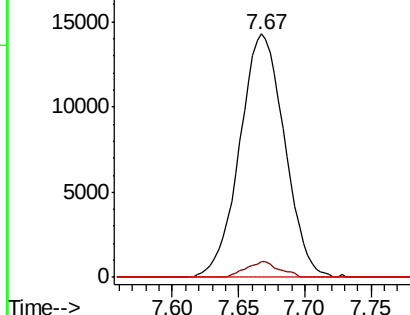
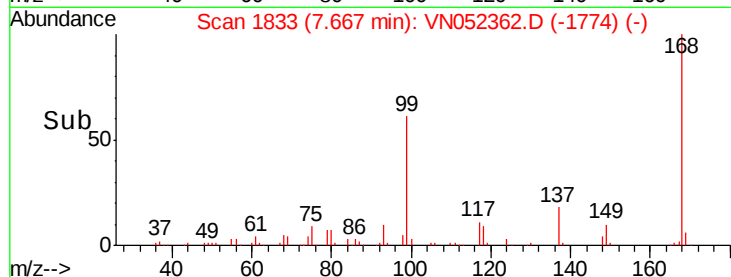
121 0.0 24.0 36.0#



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



#41

Methacrylonitrile

Concen: 3.723 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052362.D

Acq: 16 Nov 2018 14:07

Tgt Ion: 41 Resp: 62

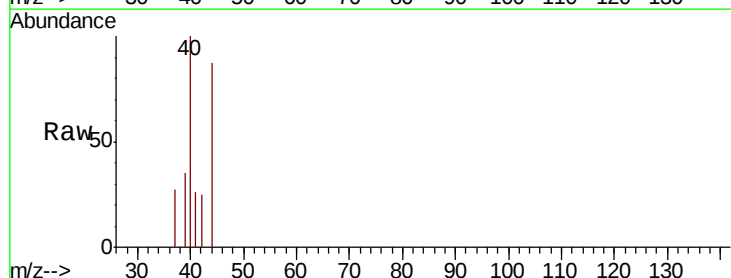
Ion Ratio Lower Upper

41 100

39 75.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

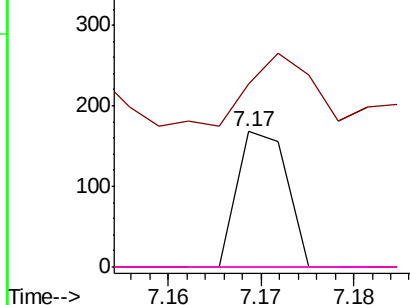
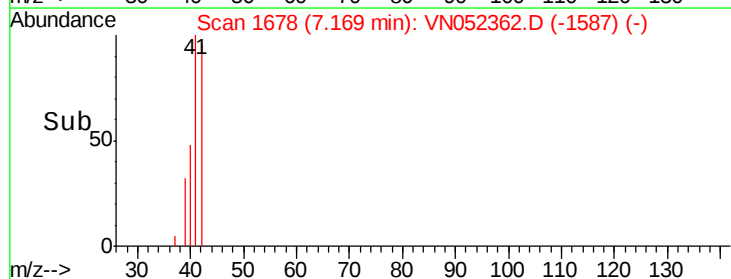


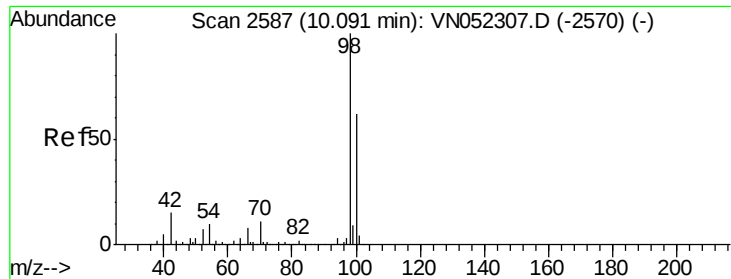
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V

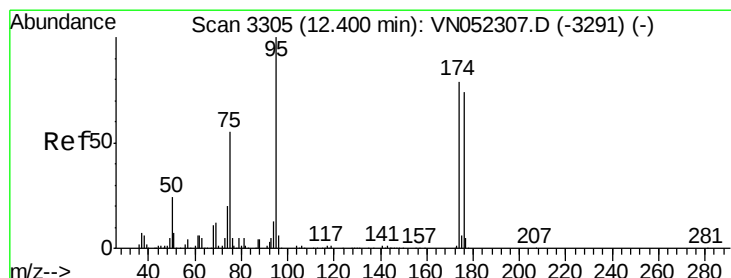
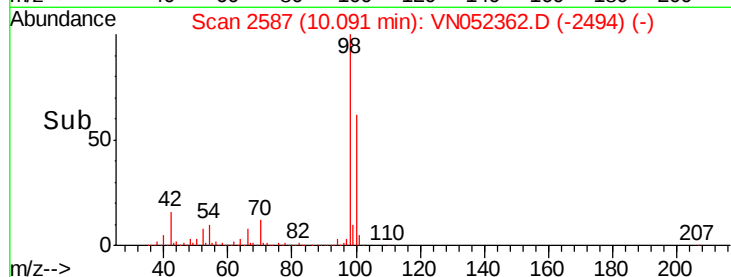
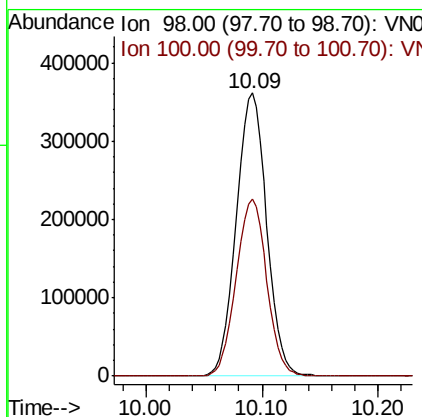
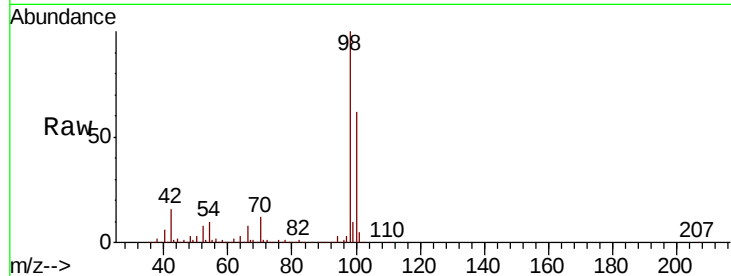




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

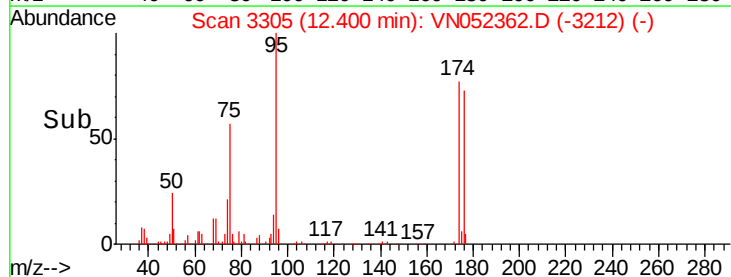
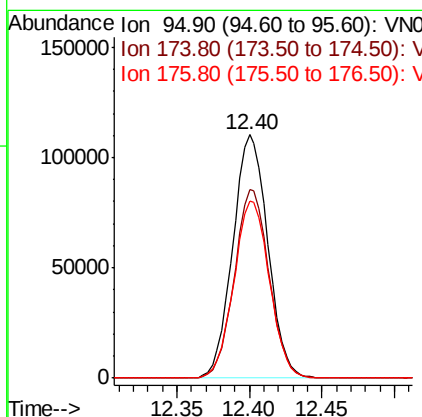
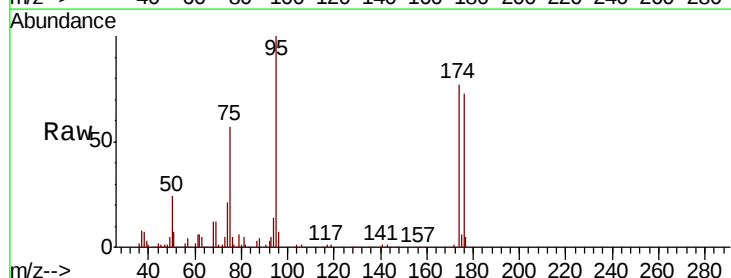
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

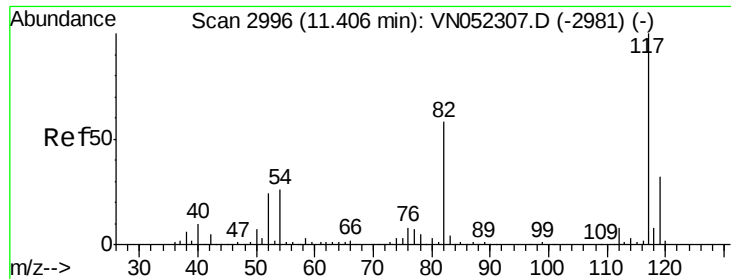
Tot Ion: 98 Resp: 656074
Ion Ratio Lower Upper
98 100
100 62.9 49.5 74.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

Tgt Ion: 95 Resp: 184701
Ion Ratio Lower Upper
95 100
174 76.8 0.0 156.0
176 74.1 0.0 148.4

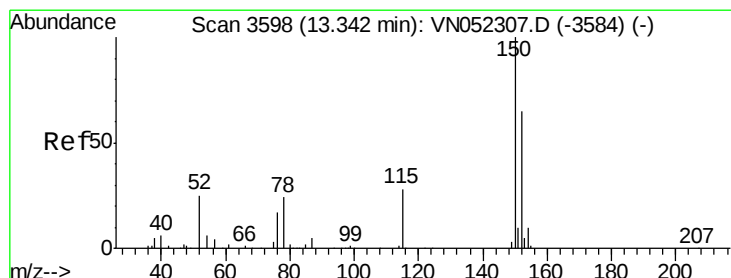
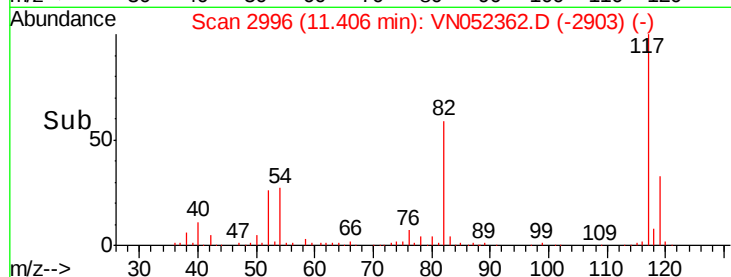
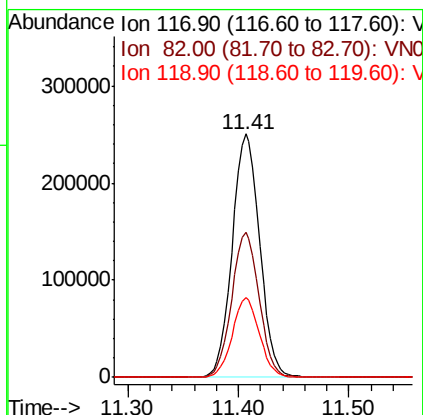
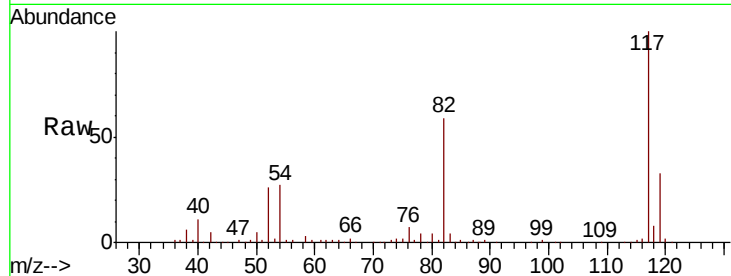




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

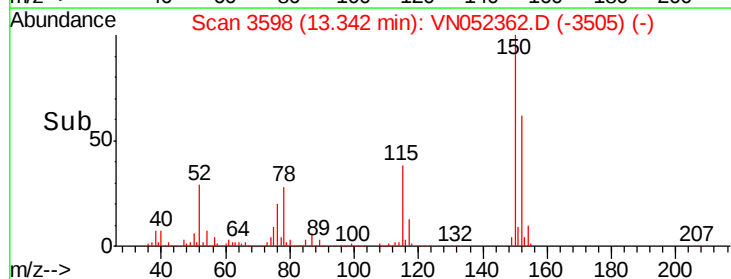
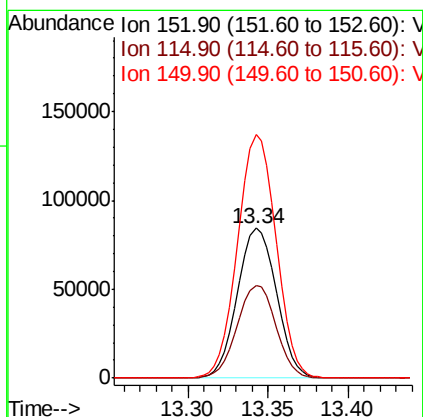
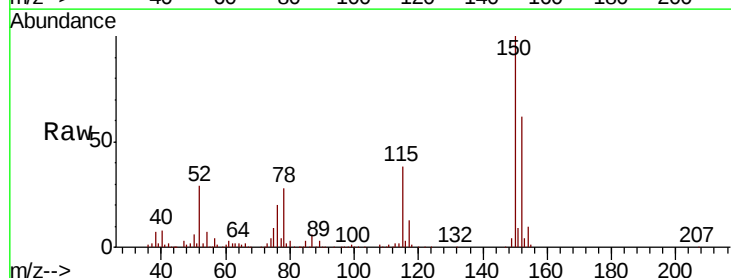
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

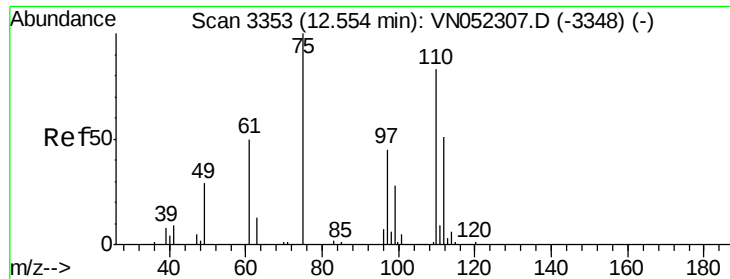
Tot Ion:117 Resp: 432757
Ion Ratio Lower Upper
117 100
82 59.4 46.5 69.7
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052362.D
Acq: 16 Nov 2018 14:07

Tgt Ion:152 Resp: 140227
Ion Ratio Lower Upper
152 100
115 61.8 30.3 91.0
150 160.5 0.0 348.2

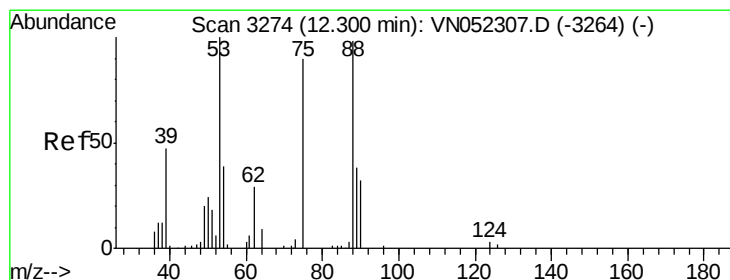
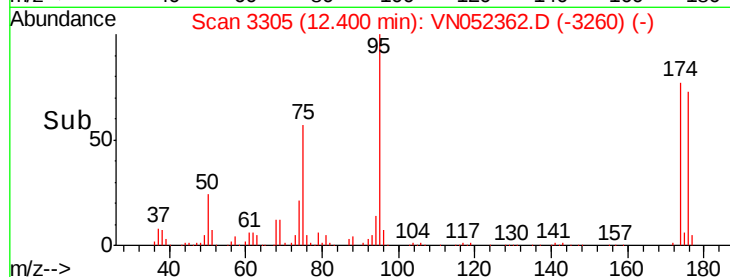
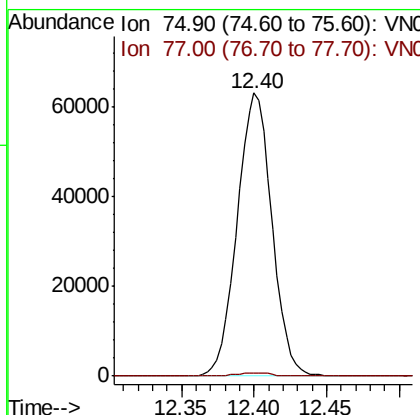
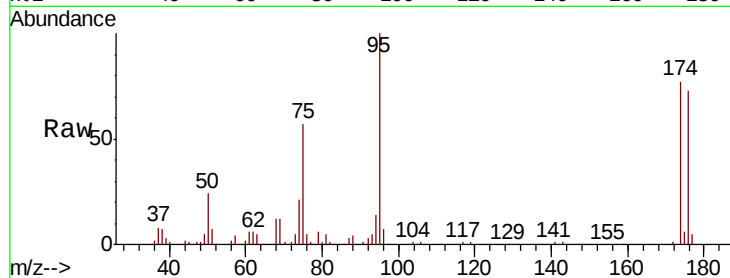




#76
 1,2,3-Trichloropropane
 Concen: 44.063 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN052362.D
 Acq: 16 Nov 2018 14:07

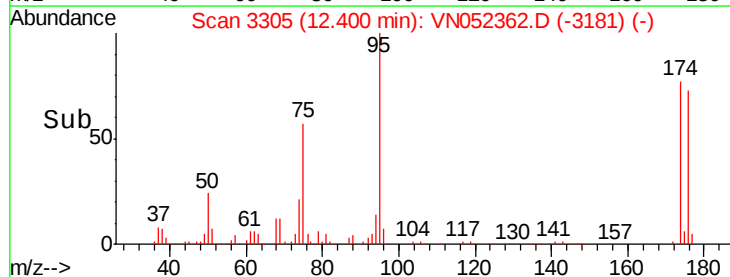
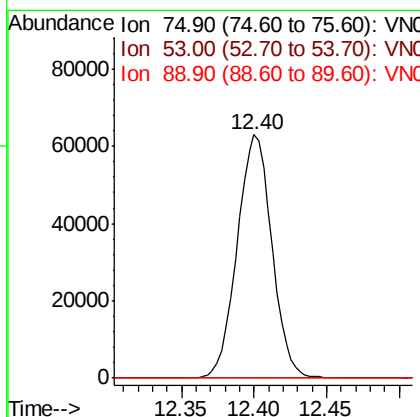
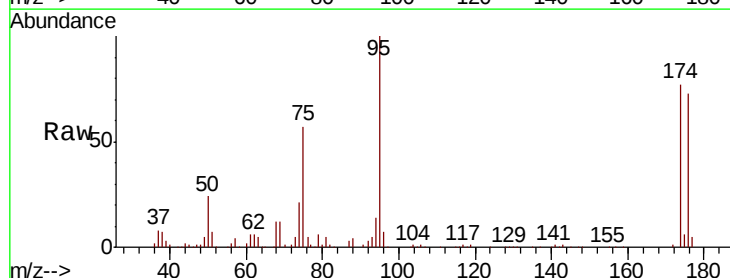
Instrument :
 MSVOA_N
 ClientSampled :
 TRIP-BLANK

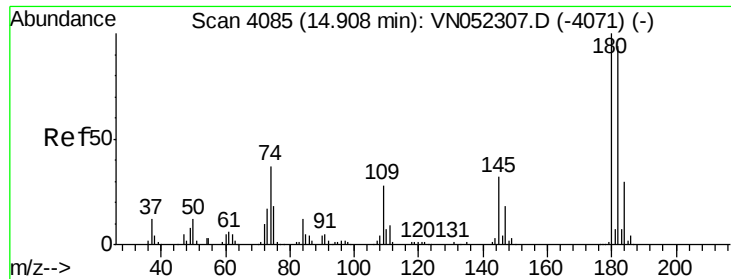
Tot Ion: 75 Resp: 104842
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.912 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052362.D
 Acq: 16 Nov 2018 14:07

Tgt Ion: 75 Resp: 104842
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.2 135.2#
 89 0.0 35.4 53.0#

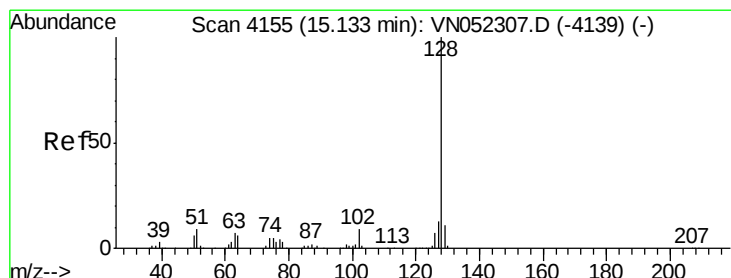
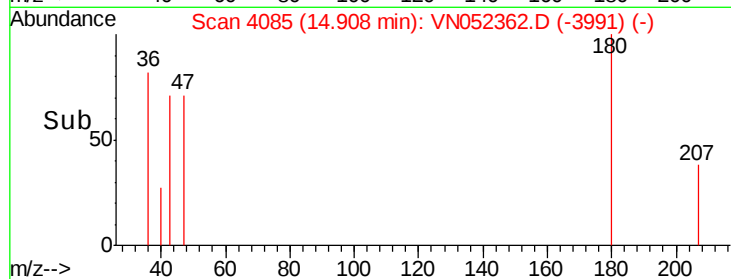
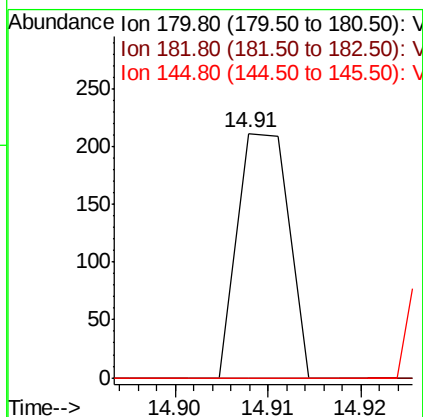
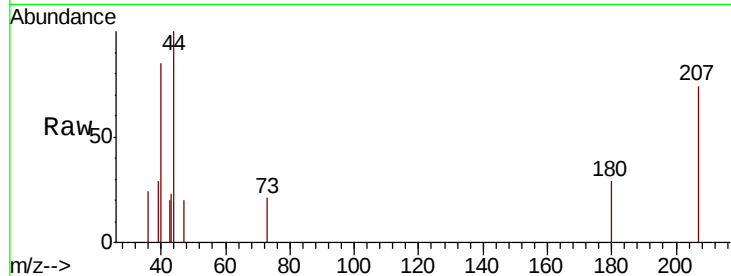




#93
 1,2,4-Trichlorobenzene
 Concen: 2.294 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052362.D
 Acq: 16 Nov 2018 14:07

Instrument :
 MSVOA_N
 ClientSampled :
 TRIP-BLANK

Tot Ion:180 Resp: 81
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 35.8 15.5 46.5



#95
 Naphthalene
 Concen: 2.720 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN052362.D
 Acq: 16 Nov 2018 14:07

Tgt Ion:128 Resp: 605
 Ion Ratio Lower Upper
 128 100
 127 5.1 10.4 15.6#
 129 0.0 8.6 13.0#

