

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011455.D
 Acq On : 24 Jul 2019 02:12
 Operator : SY/VA
 Sample : K3617-03
 Misc : 3.99G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-071919-B

Quant Time: Jul 24 06:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	161308	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.88	113	129161	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.32	98	526221	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	172876	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

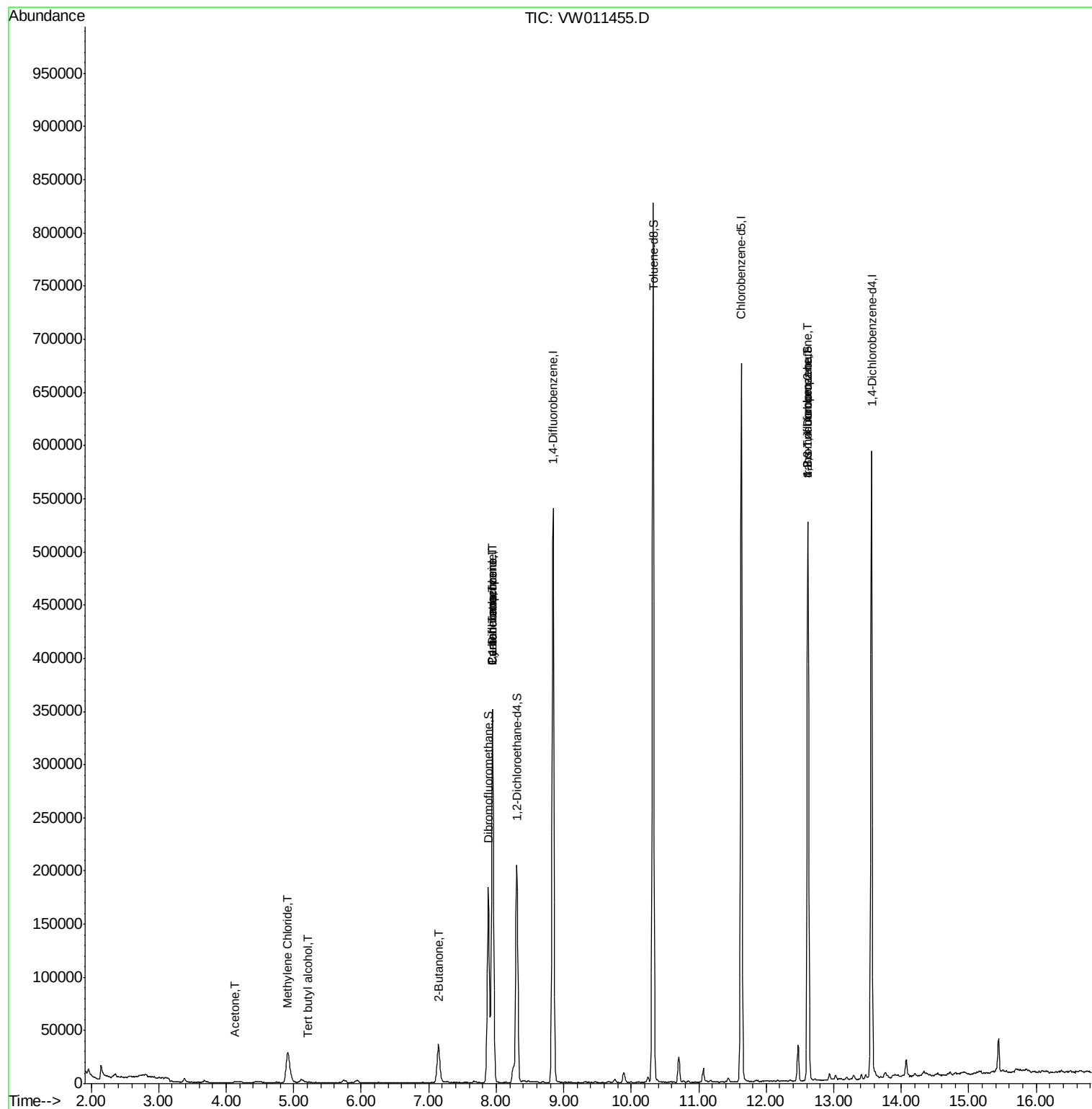
					Qvalue	
11) Tert butyl alcohol	5.21	59	311	1.300	ug/l	95
16) Acetone	4.14	43	2413	3.105	ug/l	93
18) Methyl Acetate	4.67	43	351	Below Cal	#	57
20) Methylene Chloride	4.91	84	23524	7.672	ug/l	90
25) 2-Butanone	7.15	43	2702	2.215	ug/l #	81
31) Cyclohexane	7.95	56	6454	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21254	4.685	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25549	6.643	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	89785	51.642	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89785	116.803	ug/l #	6

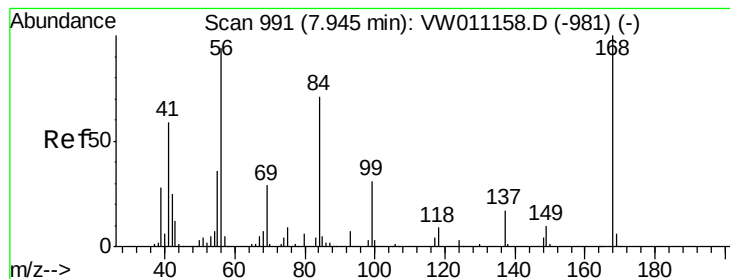
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

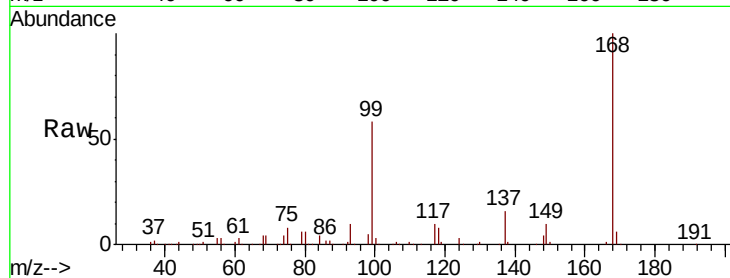
NB-07-071919-B

Tot Ion:168 Resp: 257068

Ion Ratio Lower Upper

168 100

99 58.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

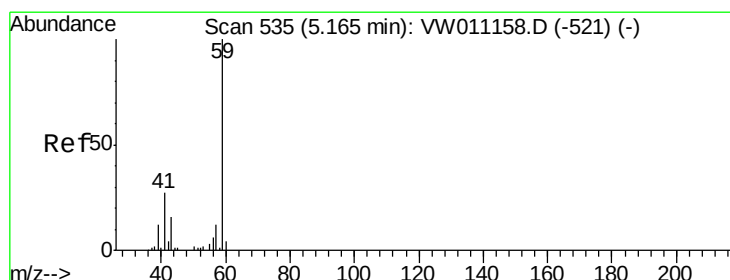
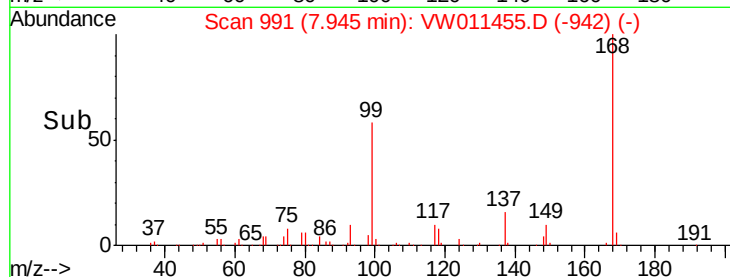
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.300 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.04 min

Lab File: VW011455.D

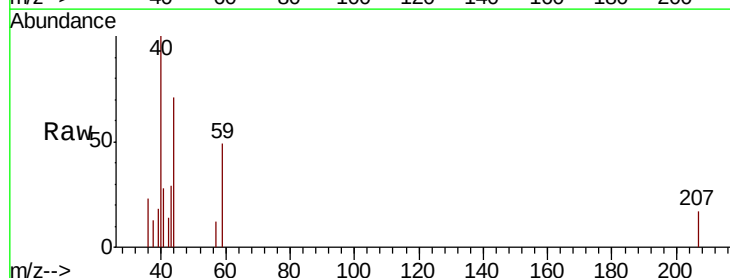
Acq: 24 Jul 2019 02:12

Tgt Ion: 59 Resp: 311

Ion Ratio Lower Upper

59 100

57 13.2 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

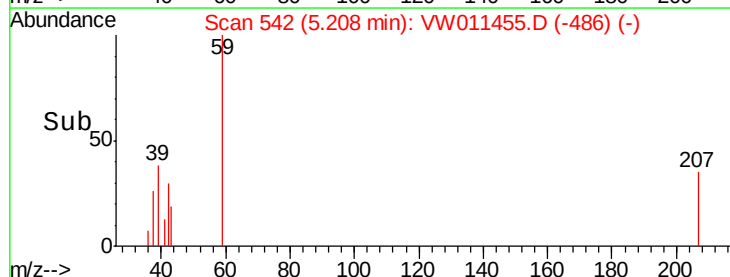
300

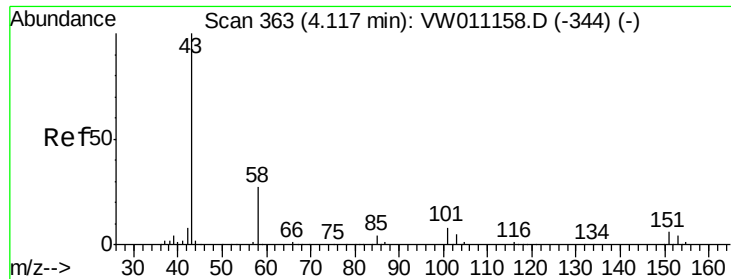
200

100

0

Time--> 5.20 5.25





#16

Acetone

Concen: 3.105 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

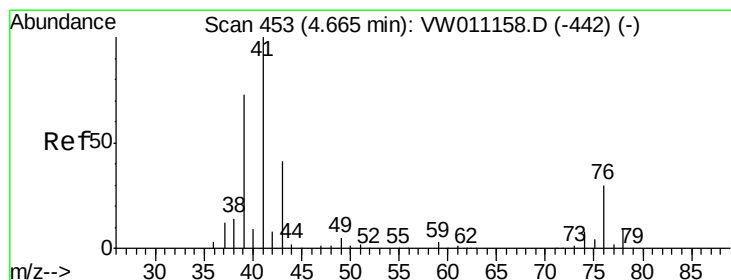
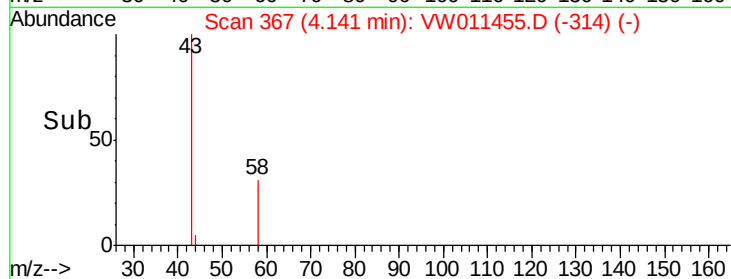
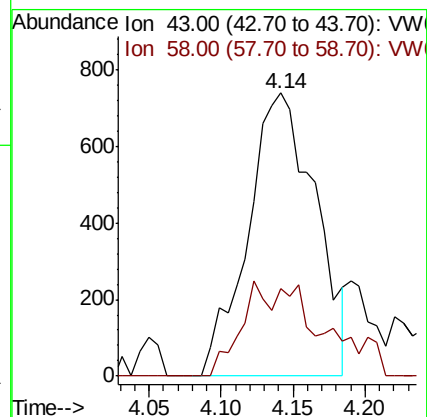
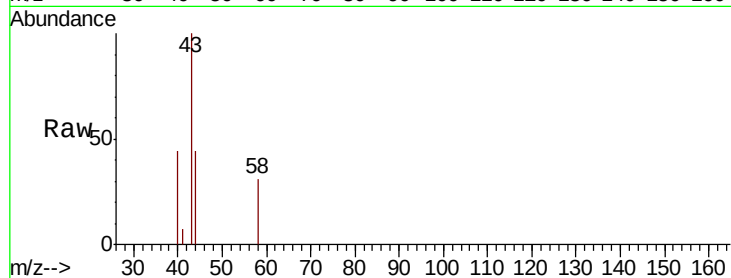
NB-07-071919-B

Tot Ion: 43 Resp: 2413

Ion Ratio Lower Upper

43 100

58 31.0 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011455.D

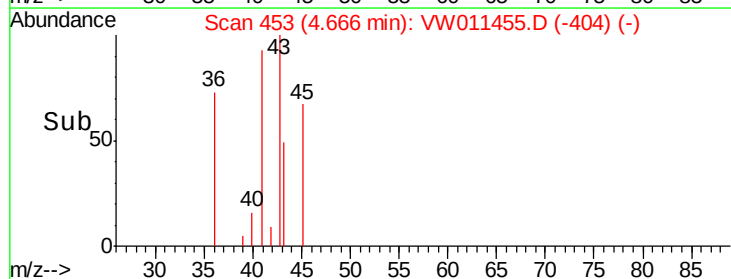
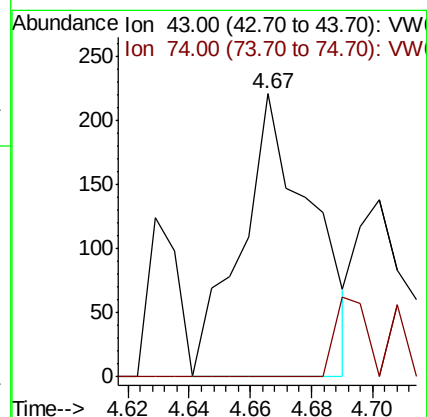
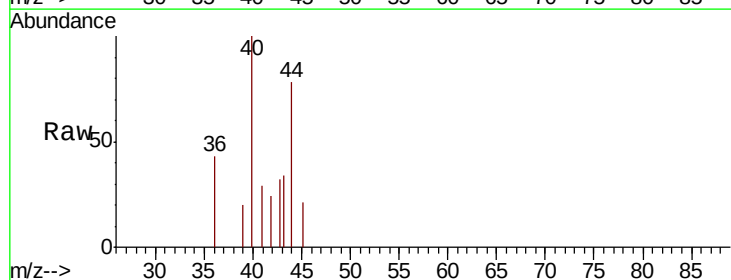
Acq: 24 Jul 2019 02:12

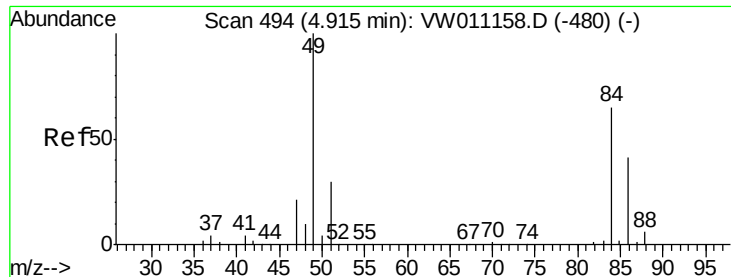
Tgt Ion: 43 Resp: 351

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

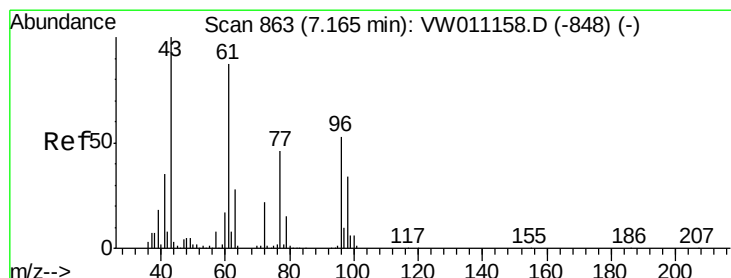
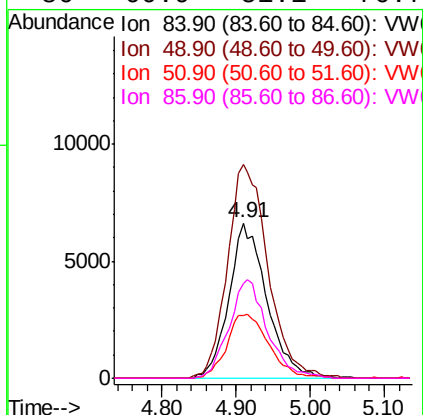
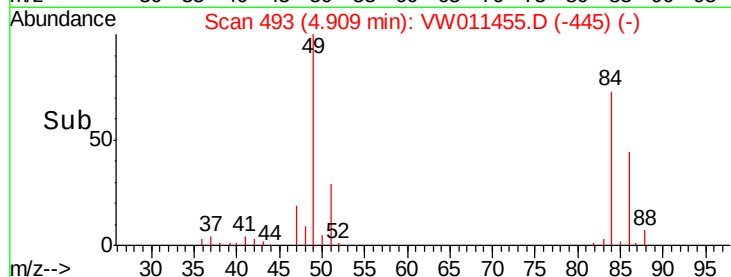
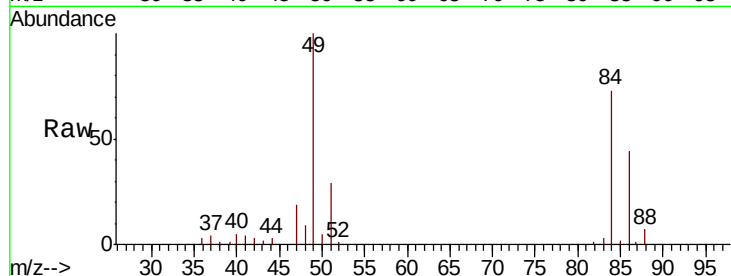




#20
Methvlene Chloride
Concen: 7.672 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

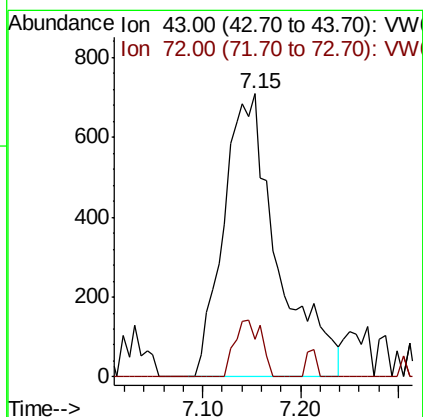
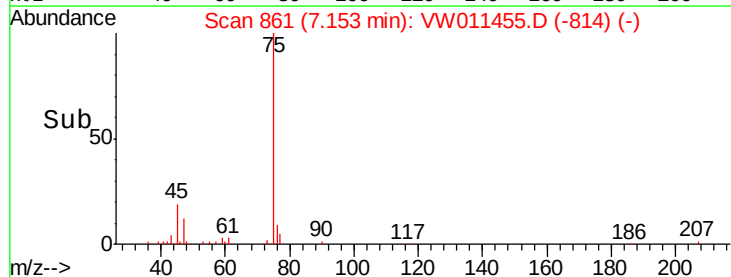
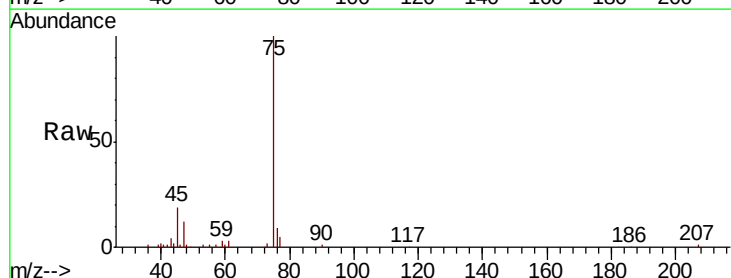
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071919-B

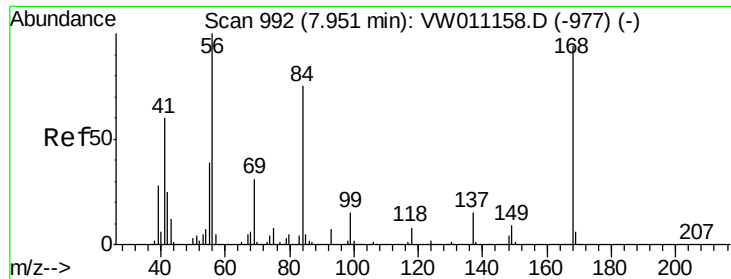
Tot Ion: 84 Resp: 23524
Ion Ratio Lower Upper
84 100
49 137.8 123.8 185.6
51 40.2 37.4 56.2
86 60.9 51.1 76.7



#25
2-Butanone
Concen: 2.215 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
72 13.1 17.6 26.4#

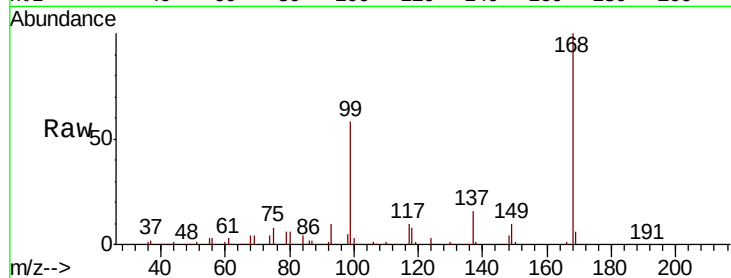




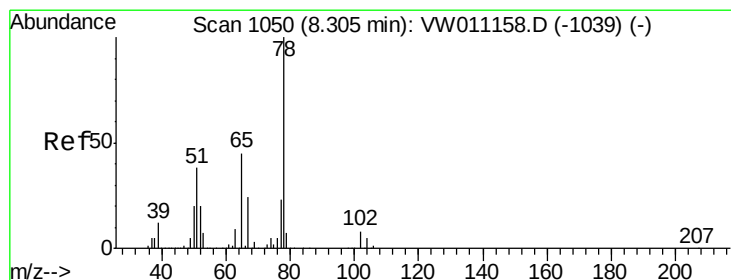
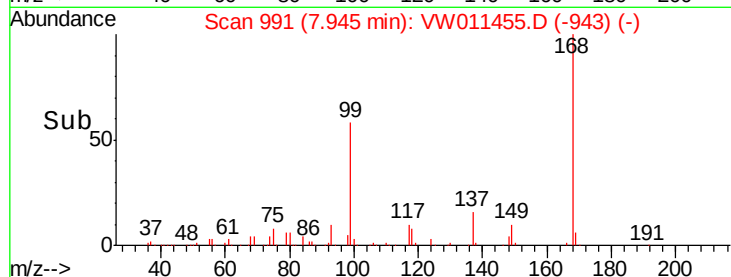
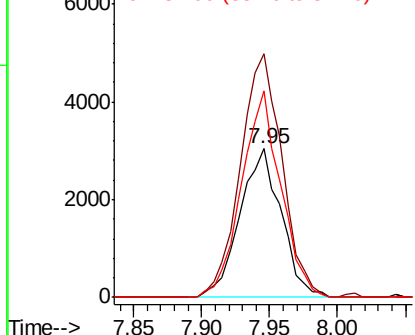
#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

Instrument :
MSVOA_W
ClientSampleId :
NB-07-071919-B

Tot Ion: 56 Resp: 6454
Ion Ratio Lower Upper
56 100
69 164.0 24.6 36.8#
84 138.8 60.1 90.1#

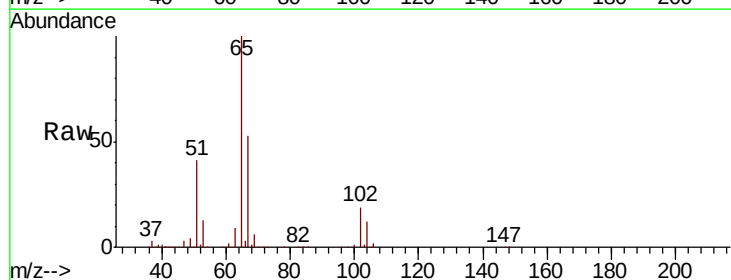


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

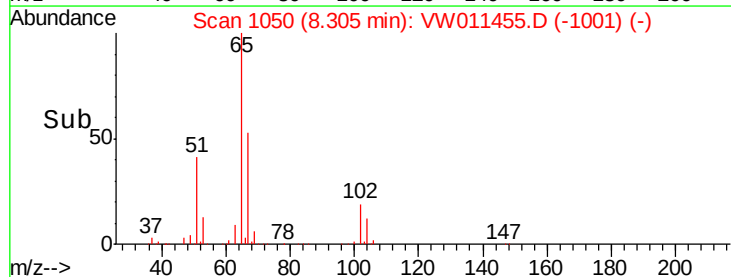
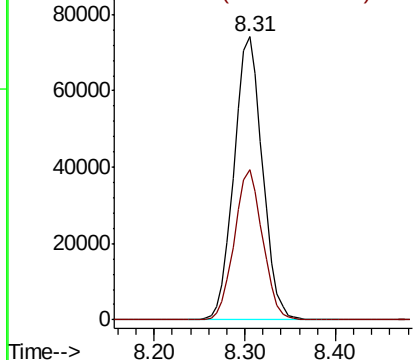


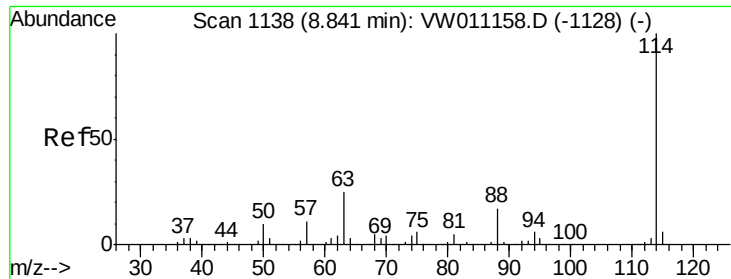
#33
1,2-Dichloroethane-d4
Concen: 49.938 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

Tgt Ion: 65 Resp: 161308
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4



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

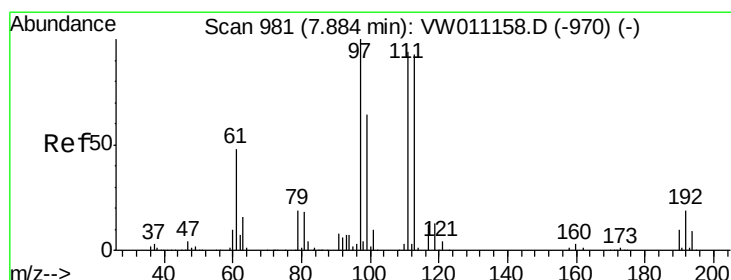
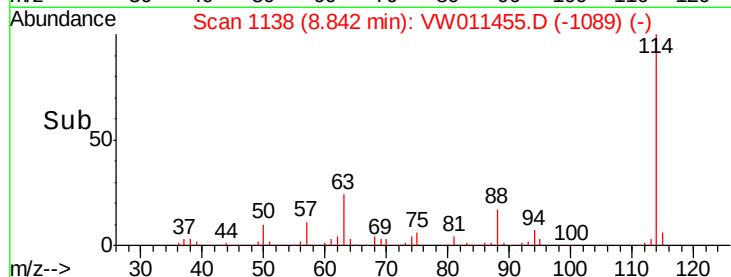
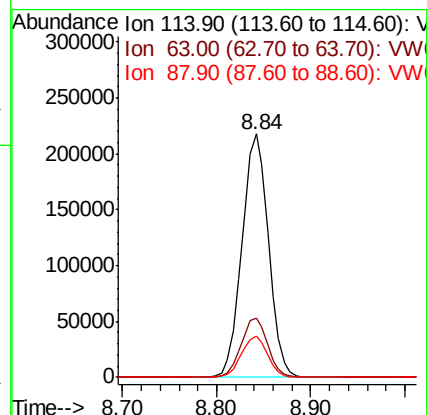
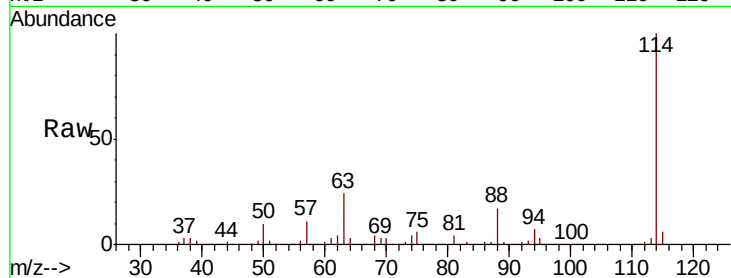




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

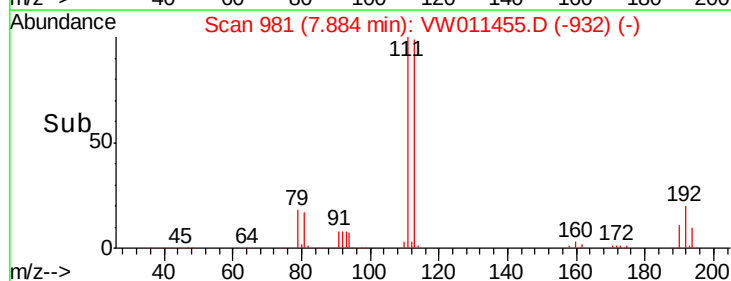
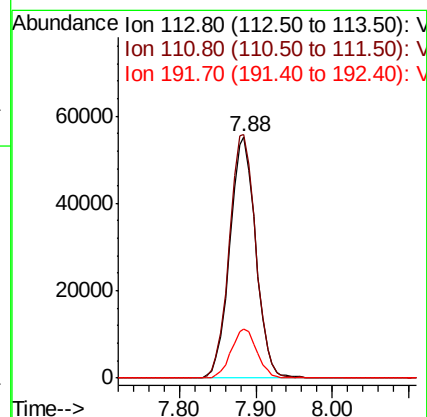
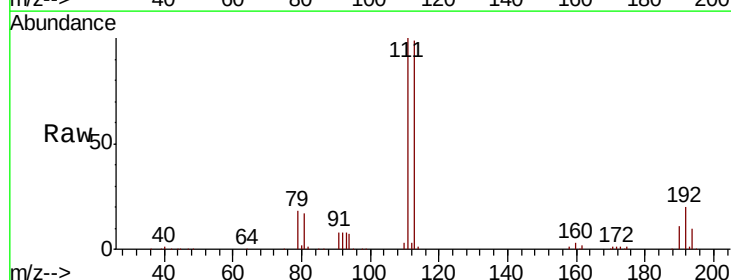
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-071919-B

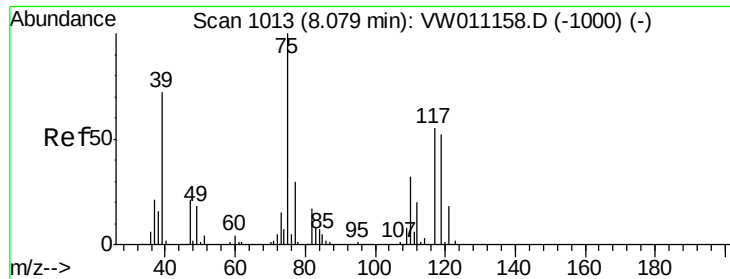
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	50.8
88	17.0	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 50.862 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	20.2	15.8	23.8

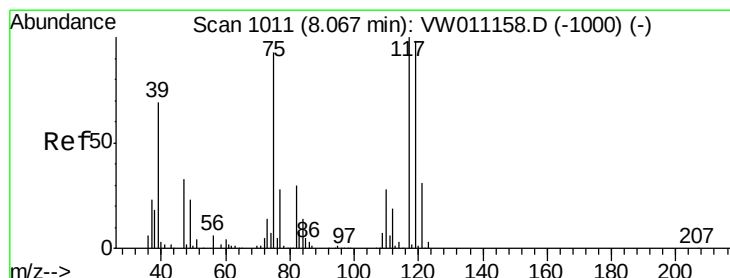
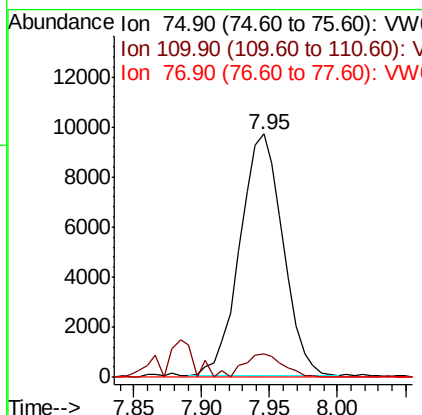
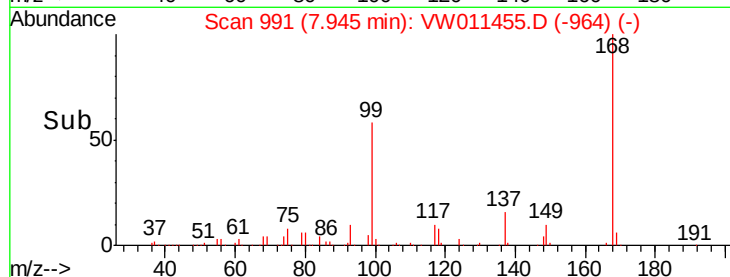
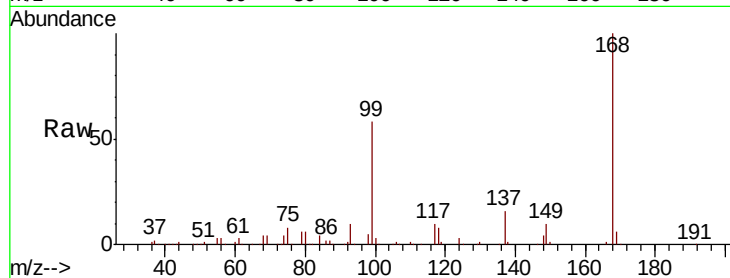




#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

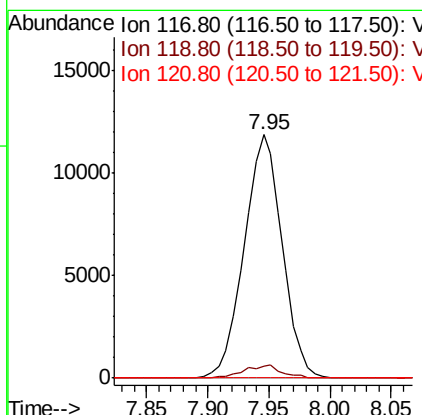
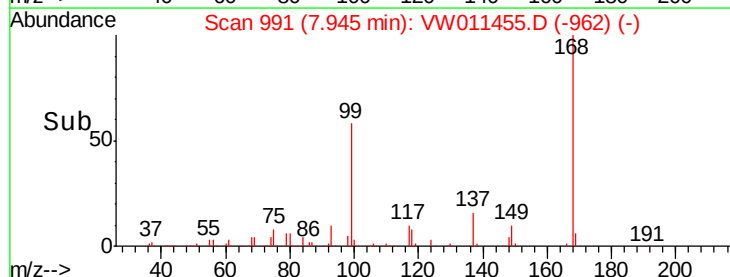
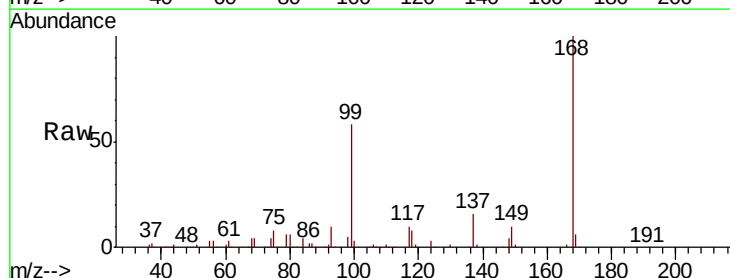
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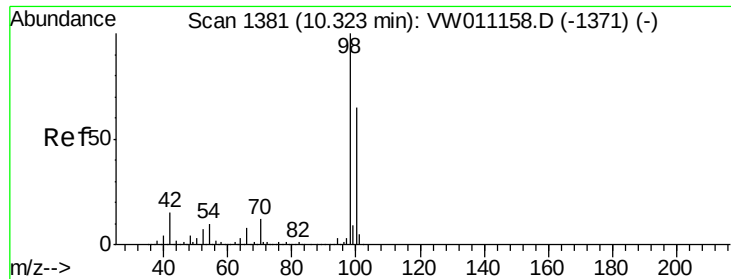
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.643 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 51.264 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

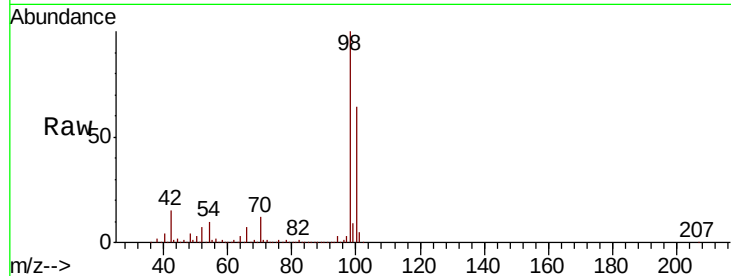
NB-07-071919-B

Tot Ion: 98 Resp: 526221

Ion Ratio Lower Upper

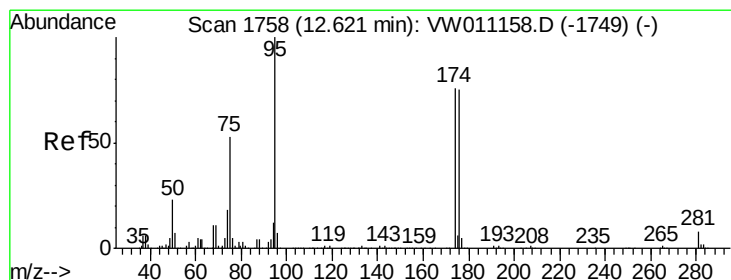
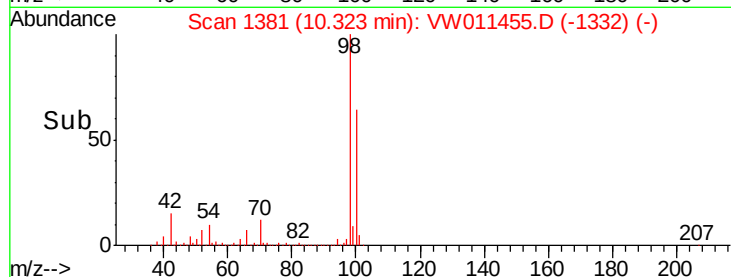
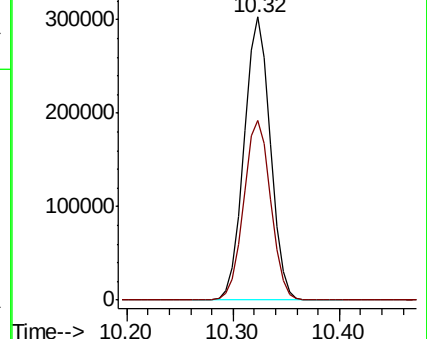
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.948 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

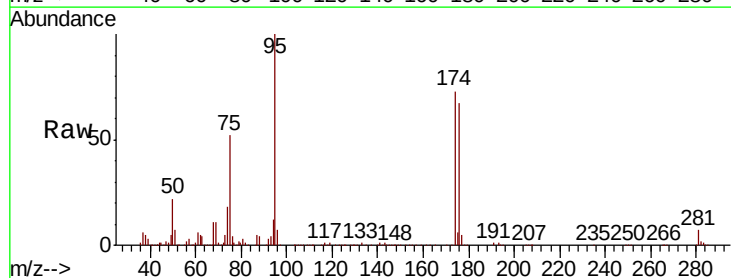
Tgt Ion: 95 Resp: 172876

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.6

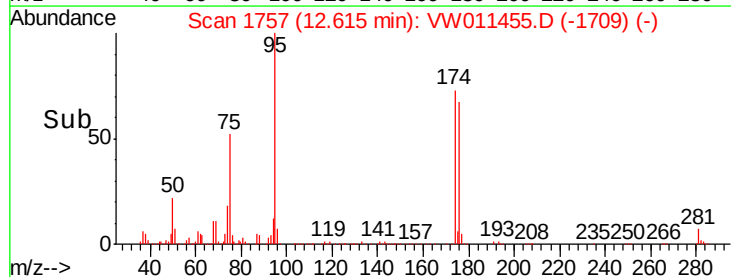
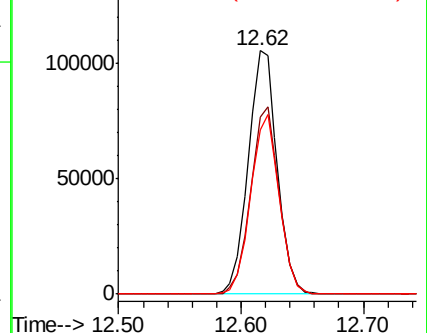
176 73.0 0.0 144.6

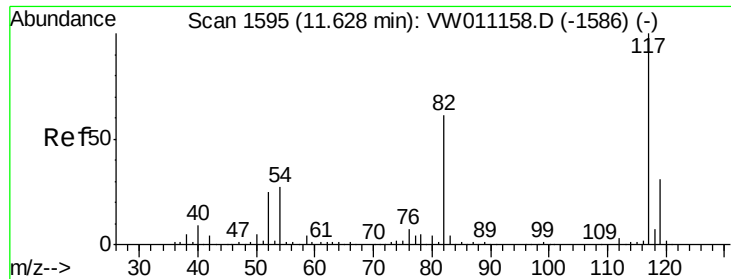


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

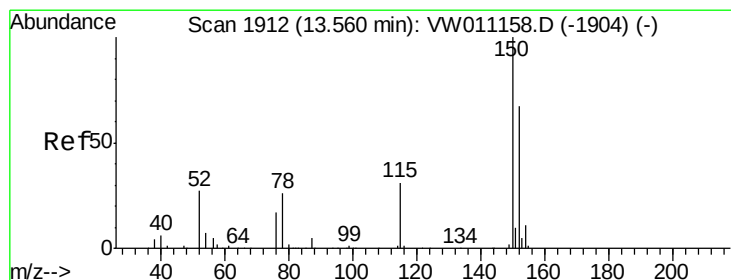
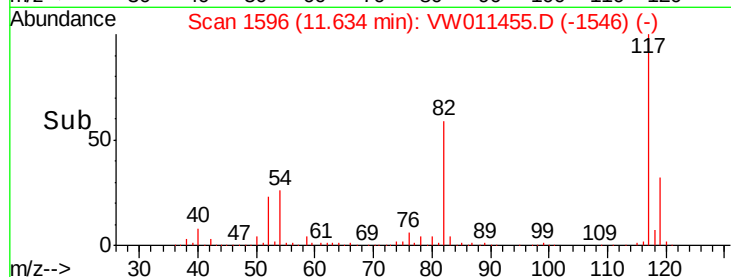
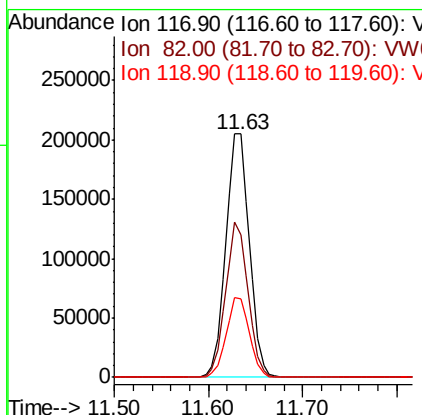
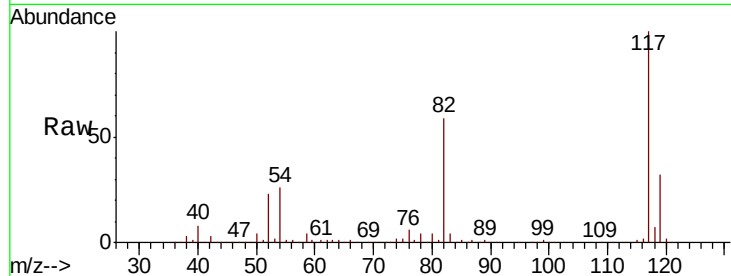




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

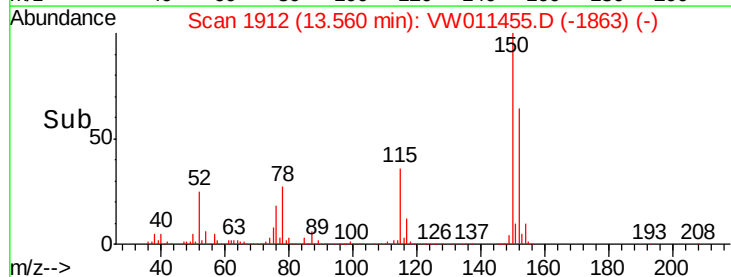
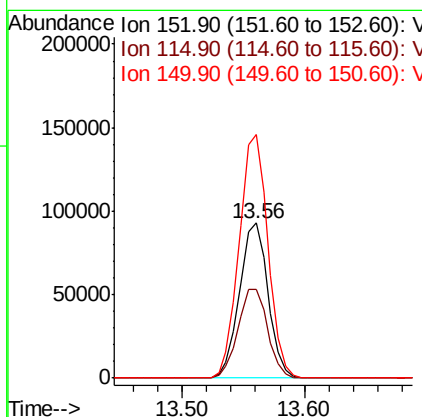
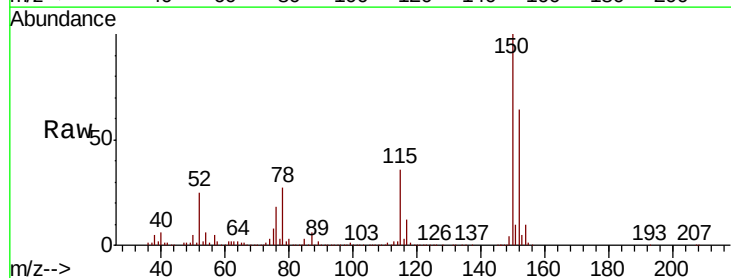
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071919-B

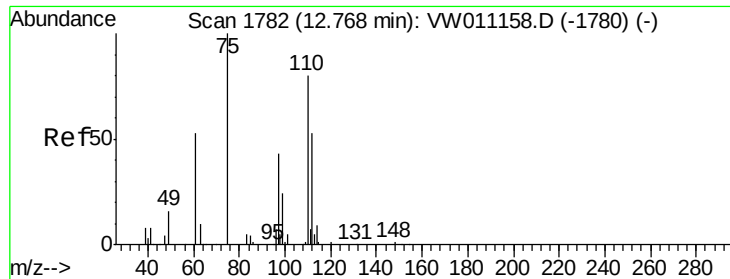
Tot Ion:117 Resp: 354522
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

Tgt Ion:152 Resp: 150448
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 157.9 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 51.642 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

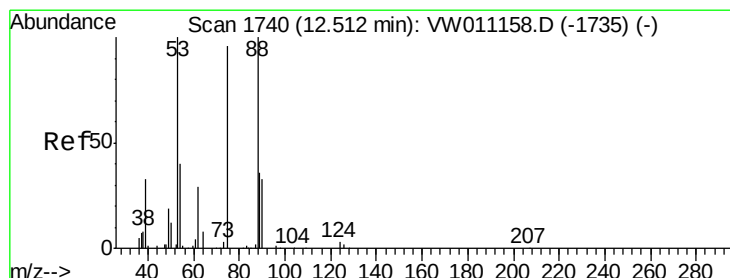
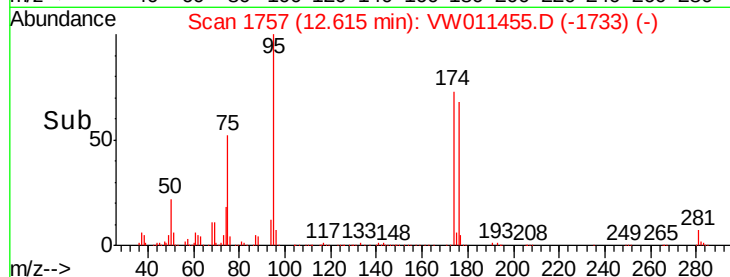
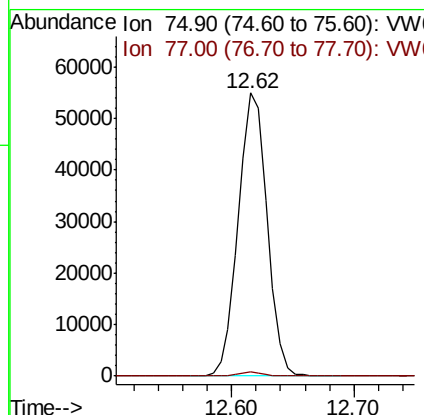
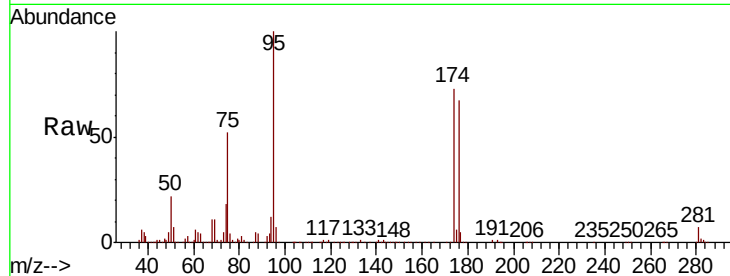
NB-07-071919-B

Tot Ion: 75 Resp: 89785

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.803 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Tgt Ion: 75 Resp: 89785

Ion Ratio Lower Upper

75 100

53 0.2 89.8 134.6#

89 0.0 34.3 51.5#

