

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012102.D
 Acq On : 22 Aug 2019 11:32
 Operator : SY/VA
 Sample : K4086-01
 Misc : 2.60G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-082019

Quant Time: Aug 23 08:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

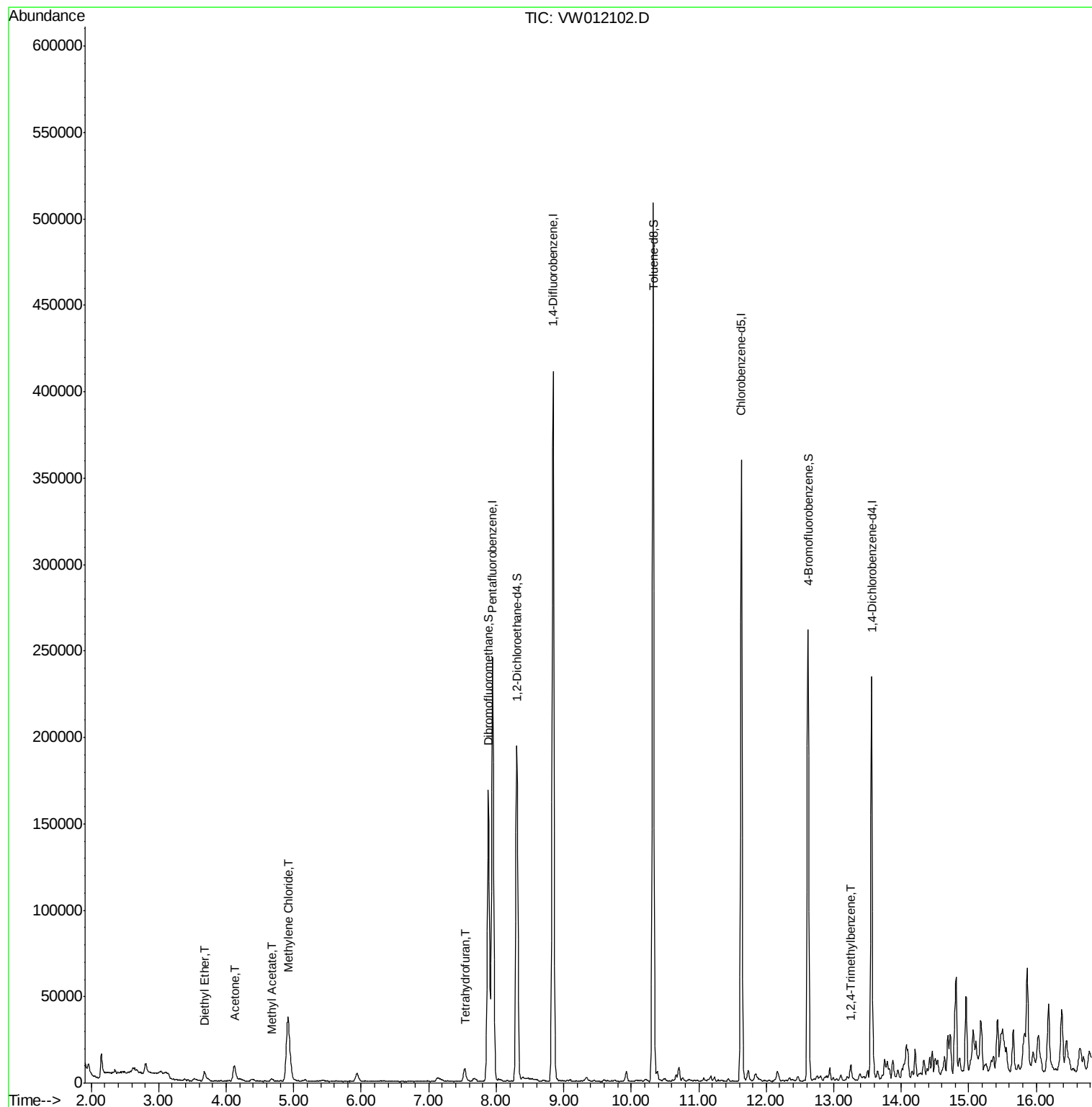
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154096	75.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.76%	
35) Dibromofluoromethane	7.88	113	116868	64.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.94%	
50) Toluene-d8	10.32	98	314501	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
62) 4-Bromofluorobenzene	12.62	95	86227	32.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.68%	
Target Compounds						
8) Diethyl Ether	3.68	74	2719	2.591	ug/l	95
16) Acetone	4.12	43	18884	29.040	ug/l	98
18) Methyl Acetate	4.68	43	3564	2.440	ug/l #	87
20) Methylene Chloride	4.92	84	30562	13.628	ug/l	94
29) Tetrahydrofuran	7.53	42	6708	13.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	4925	1.356	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012102.D

Acq: 22 Aug 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

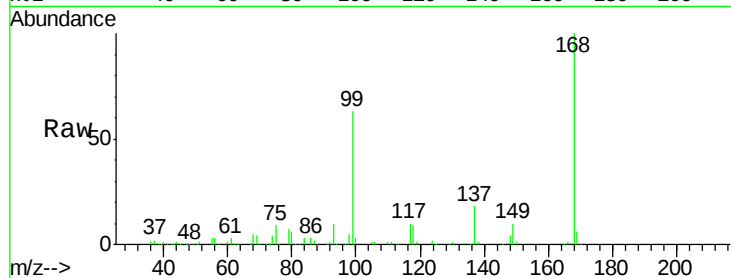
NB-08-082019

Tot Ion:168 Resp: 178026

Ion Ratio Lower Upper

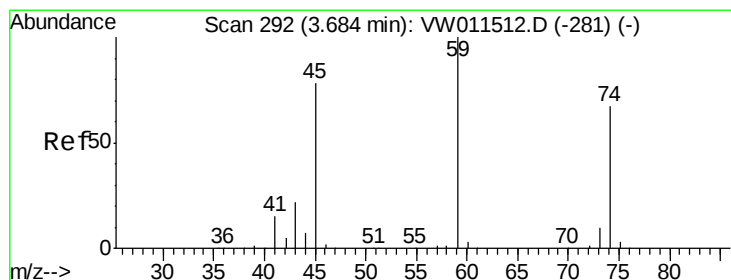
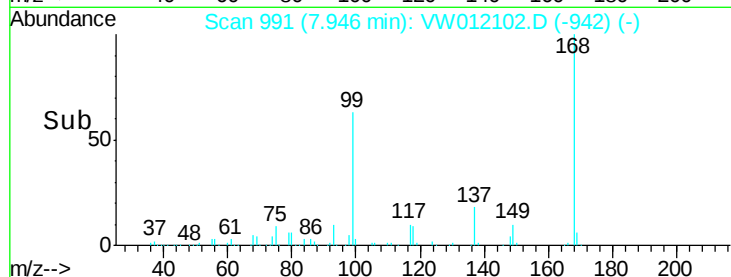
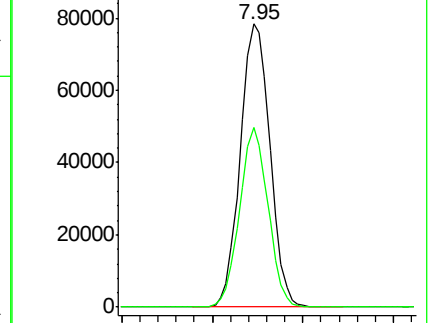
168 100

99 63.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.591 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012102.D

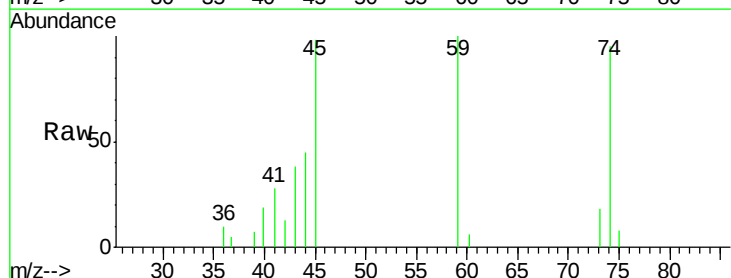
Acq: 22 Aug 2019 11:32

Tgt Ion: 74 Resp: 2719

Ion Ratio Lower Upper

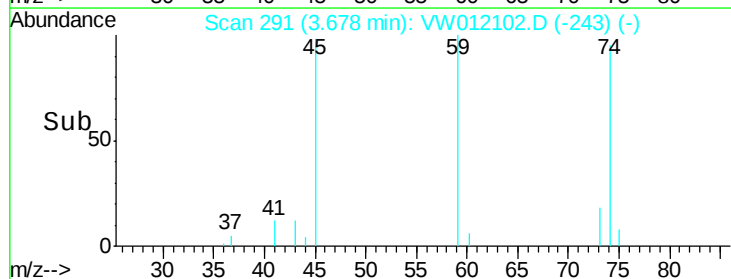
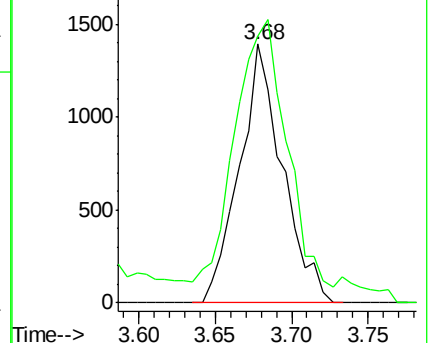
74 100

45 125.0 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 29.040 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012102.D

Acq: 22 Aug 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

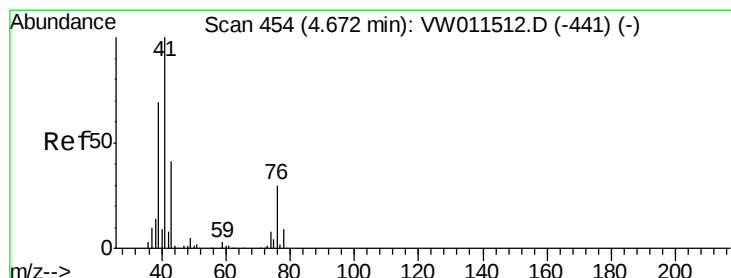
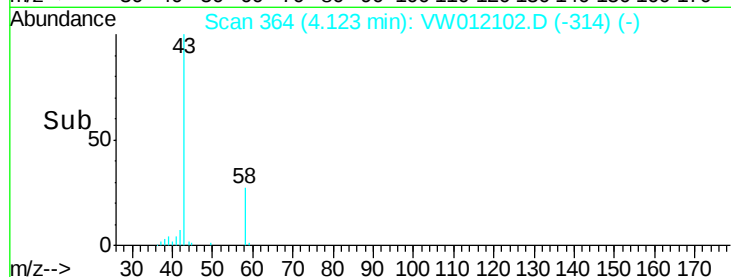
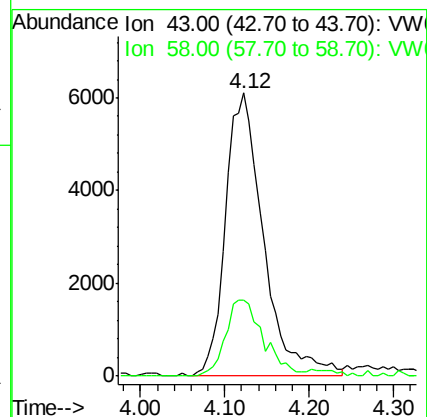
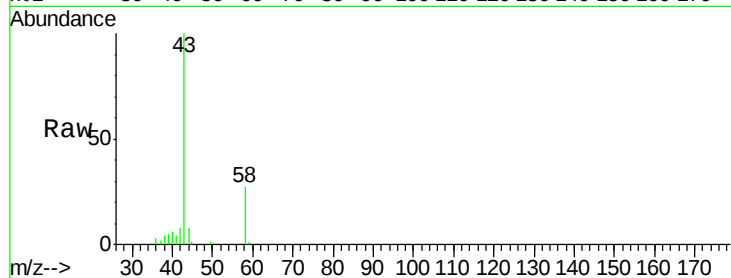
NB-08-082019

Tot Ion: 43 Resp: 18884

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5



#18

Methyl Acetate

Concen: 2.440 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW012102.D

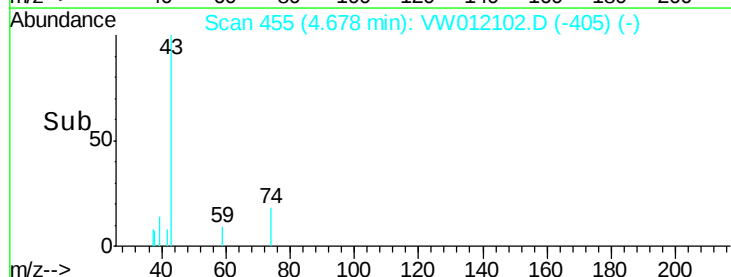
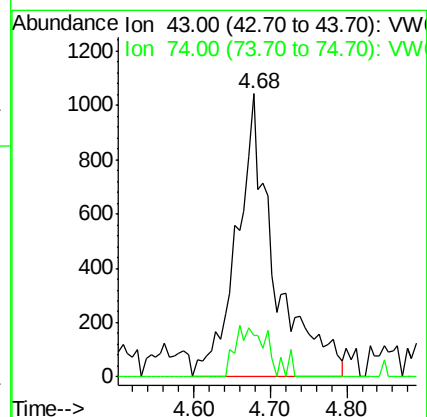
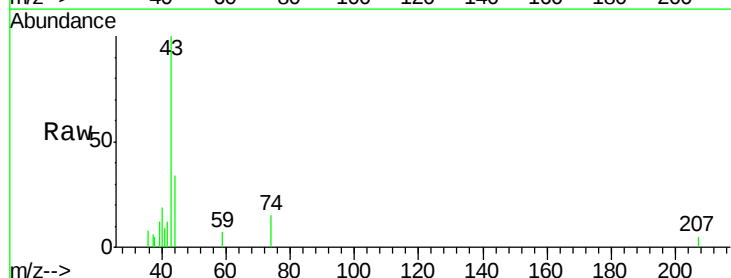
Acq: 22 Aug 2019 11:32

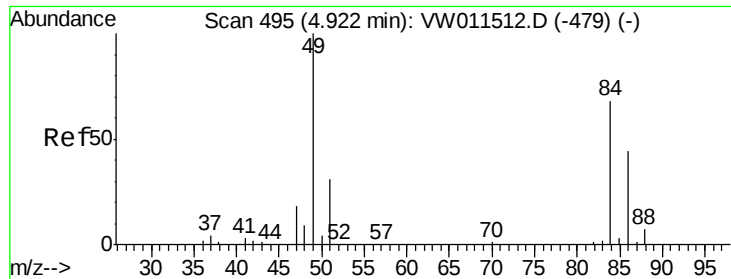
Tgt Ion: 43 Resp: 3564

Ion Ratio Lower Upper

43 100

74 13.8 15.9 23.9#

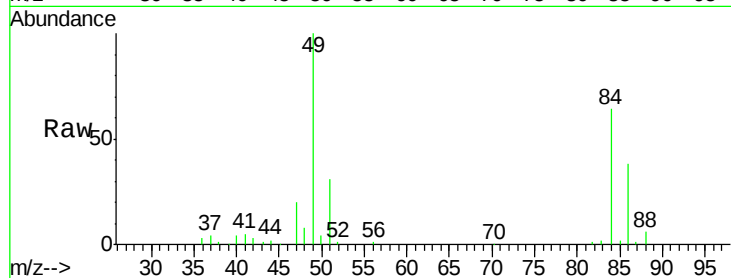




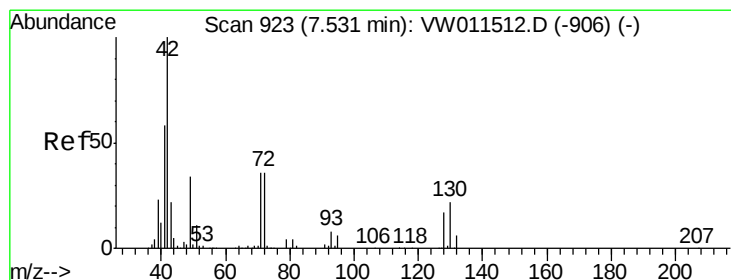
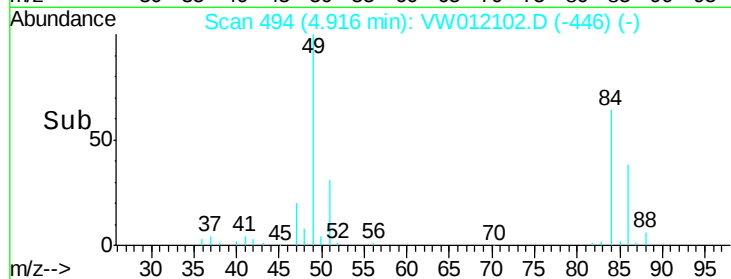
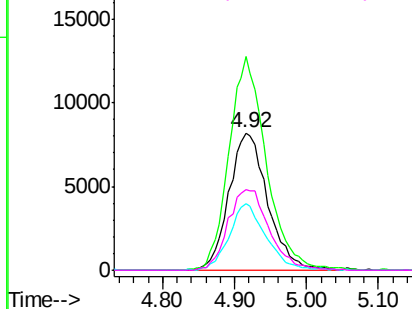
#20
Methylene Chloride
Concen: 13.628 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012102.D
Acq: 22 Aug 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
NB-08-082019

Tot Ion:	84	Resp:	30562
Ion	Ratio	Lower	Upper
84	100		
49	154.7	117.8	176.6
51	48.1	37.0	55.4
86	58.7	51.8	77.8

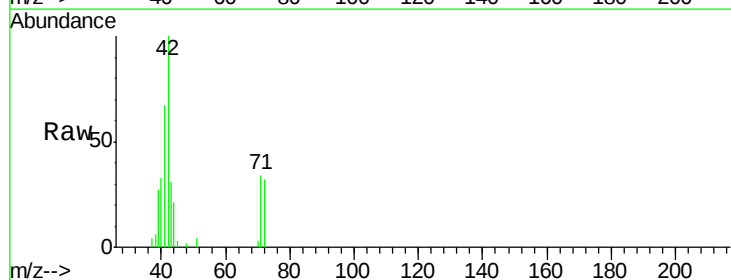


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

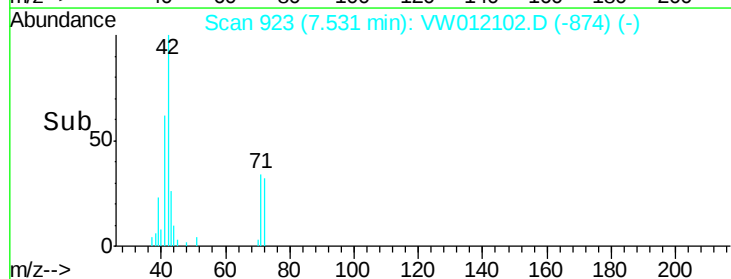
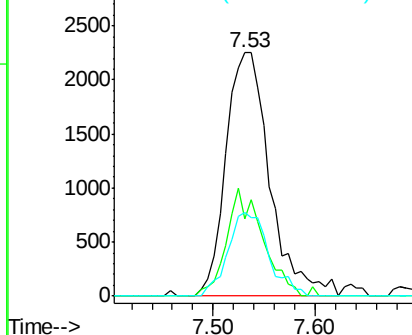


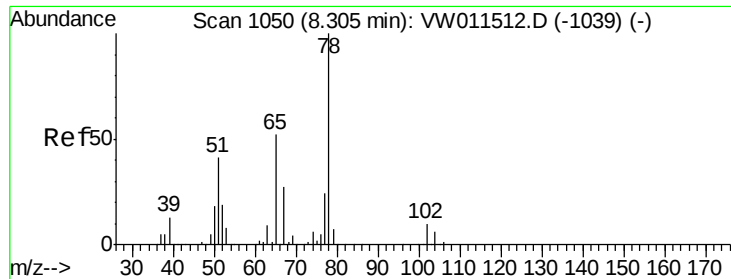
#29
Tetrahydrofuran
Concen: 13.792 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012102.D
Acq: 22 Aug 2019 11:32

Tgt Ion:	42	Resp:	6708
Ion	Ratio	Lower	Upper
42	100		
72	36.2	27.1	40.7
71	31.8	26.2	39.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

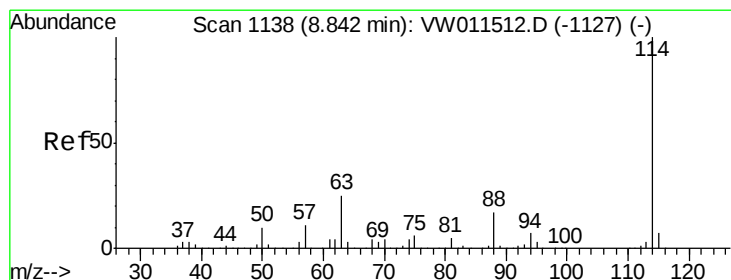
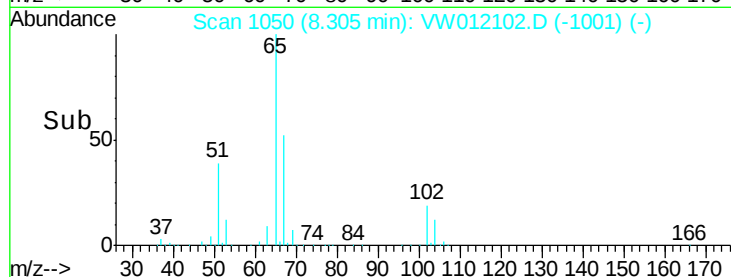
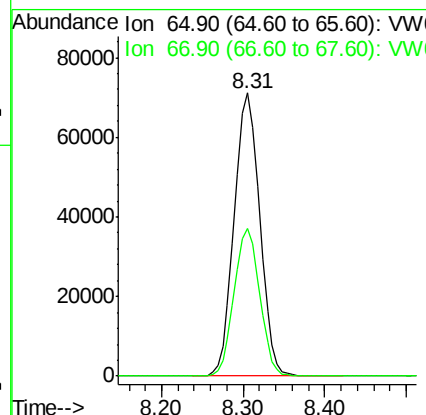
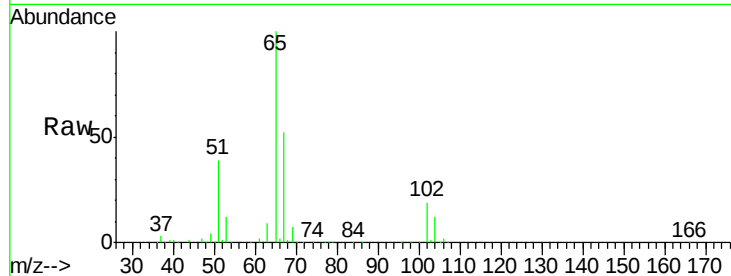




#33
 1,2-Dichloroethane-d4
 Concen: 75.381 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012102.D
 Acq: 22 Aug 2019 11:32

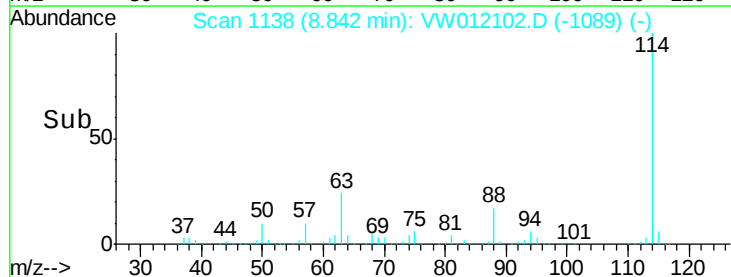
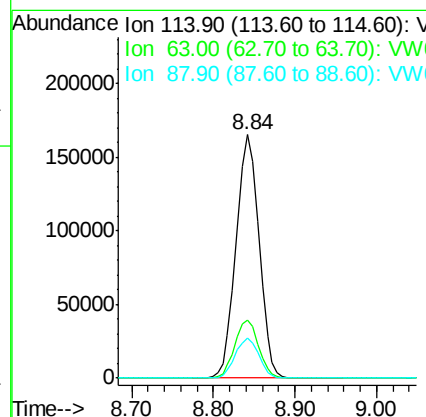
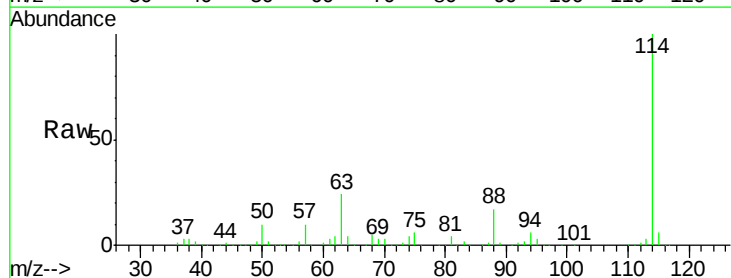
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-082019

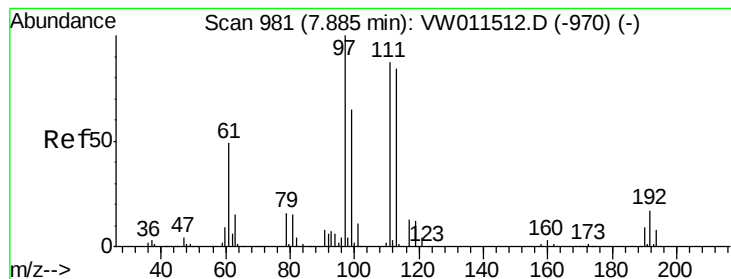
Tot Ion: 65 Resp: 154096
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012102.D
 Acq: 22 Aug 2019 11:32

Tgt Ion: 114 Resp: 320623
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 64.972 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012102.D

Acq: 22 Aug 2019 11:32

Instrument :

MSVOA_W

ClientSampleId :

NB-08-082019

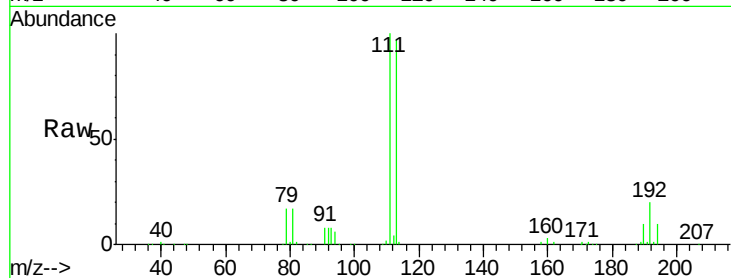
Tot Ion:113 Resp: 116868

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

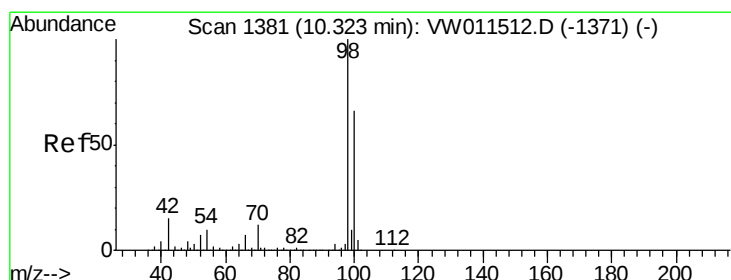
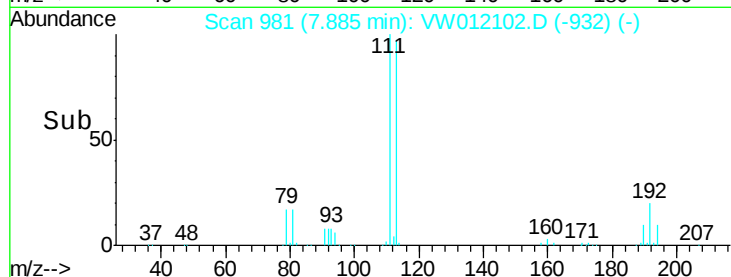
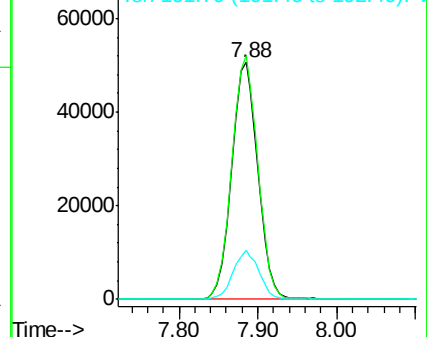
192 20.3 16.1 24.1



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



#50

Toluene-d8

Concen: 42.704 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012102.D

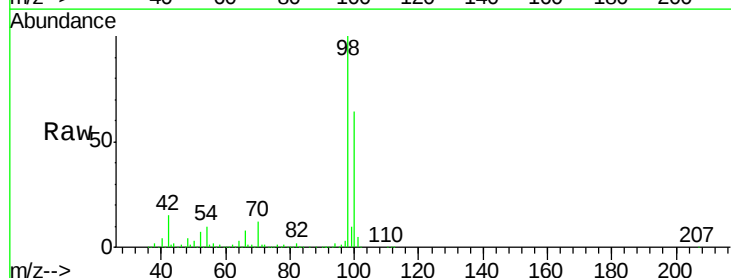
Acq: 22 Aug 2019 11:32

Tgt Ion: 98 Resp: 314501

Ion Ratio Lower Upper

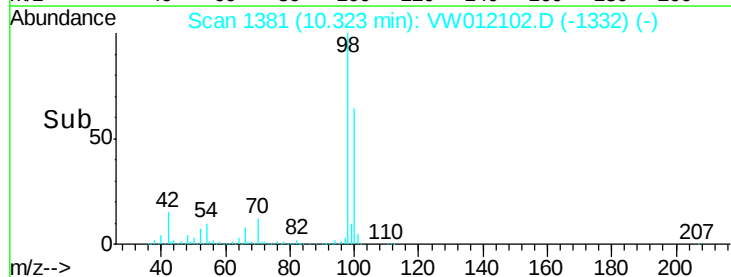
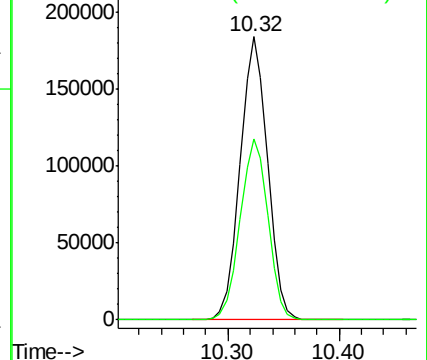
98 100

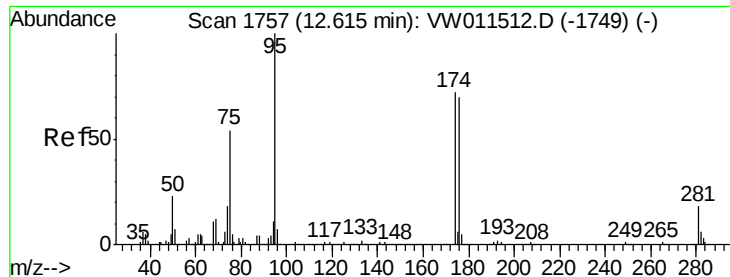
100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

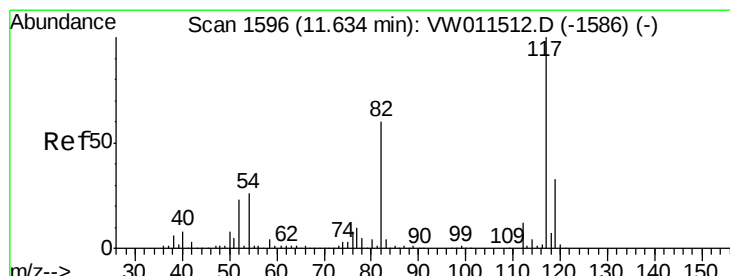
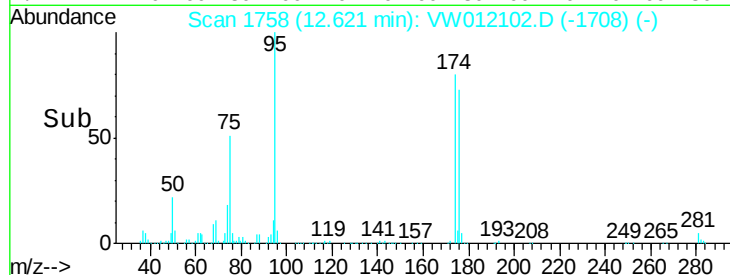
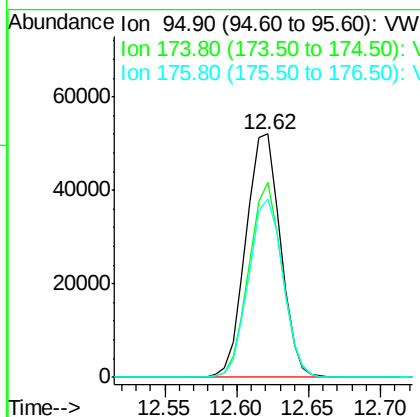
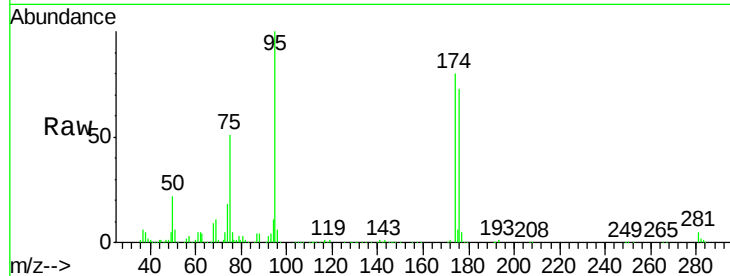




#62
4-Bromofluorobenzene
Concen: 32.840 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012102.D
Acq: 22 Aug 2019 11:32

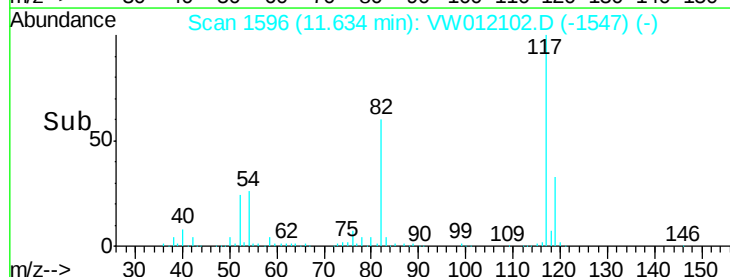
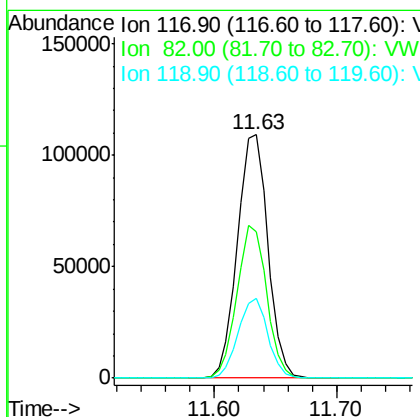
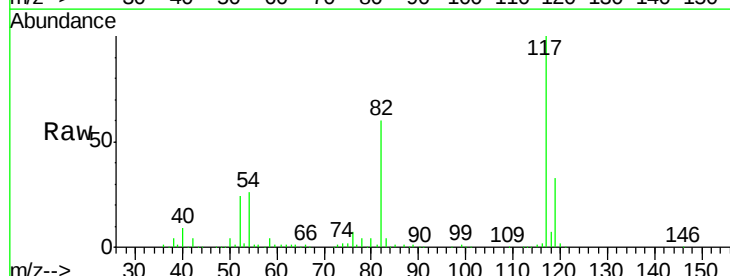
Instrument :
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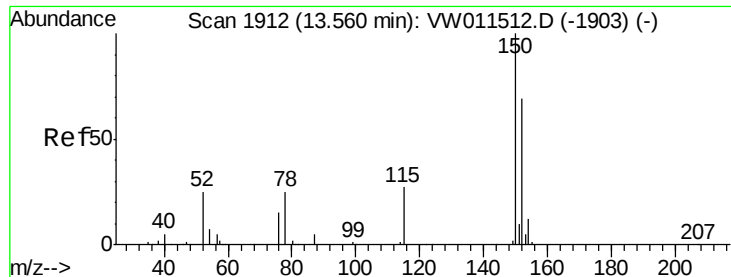
Tot Ion: 95 Resp: 86227
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.2
176 73.2 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012102.D
Acq: 22 Aug 2019 11:32

Tgt Ion: 117 Resp: 189033
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 32.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012102.D

Acq: 22 Aug 2019 11:32

Instrument :

MSVOA_W

ClientSampled :

NB-08-082019

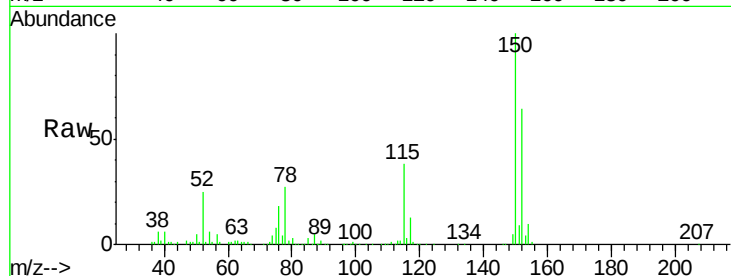
Tot Ion:152 Resp: 57676

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

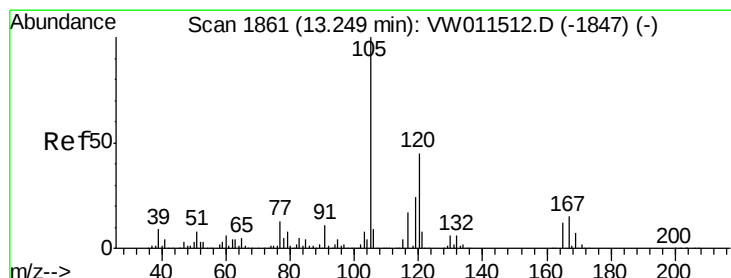
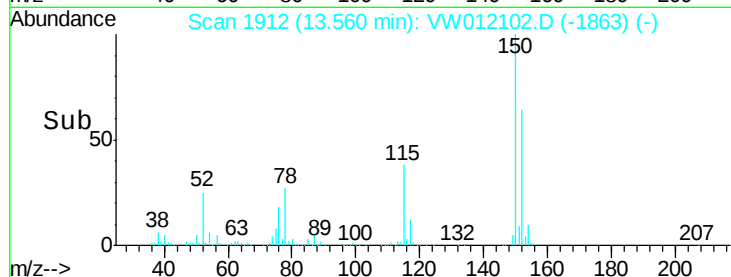
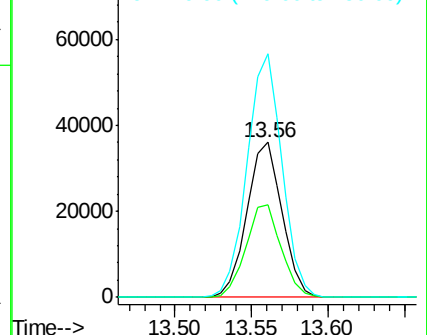
150 155.4 0.0 352.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.356 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VW012102.D

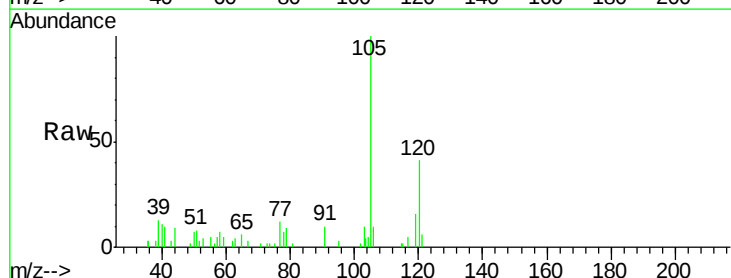
Acq: 22 Aug 2019 11:32

Tgt Ion:105 Resp: 4925

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

