

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005337.D
 Acq On : 12 Sep 2018 20:13
 Operator : SY/AP
 Sample : J4771-01
 Misc : 5.99G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-091218

Quant Time: Sep 13 01:19:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	373408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	571188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	518615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211983	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143456	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.89	113	45103	15.07	ug/l	0.00
Spiked Amount			Recovery	=	30.14%	
50) Toluene-d8	10.33	98	575403	38.06	ug/l	0.00
Spiked Amount			Recovery	=	76.12%	
62) 4-Bromofluorobenzene	12.63	95	184394	33.34	ug/l	0.00
Spiked Amount			Recovery	=	66.68%	

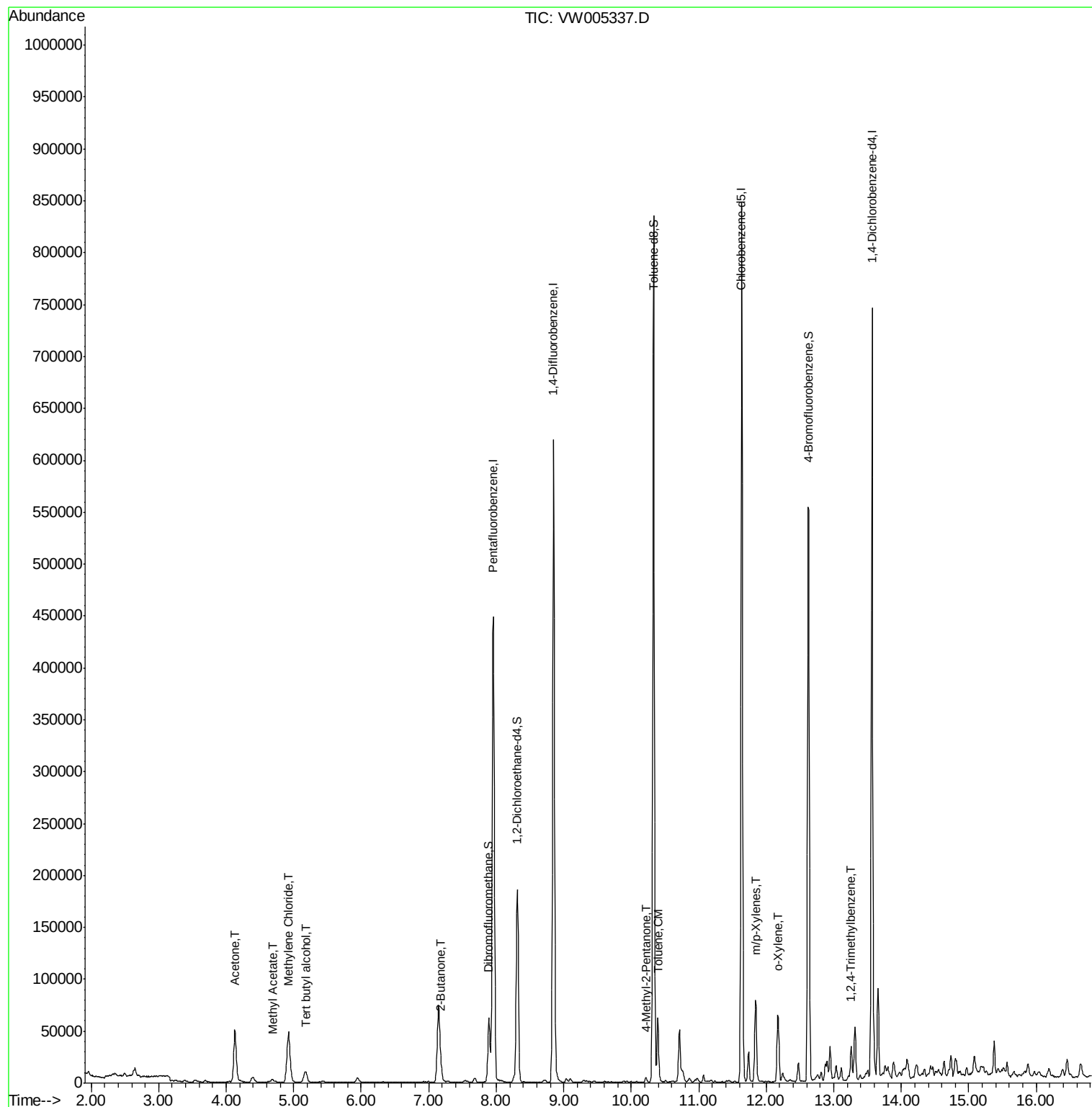
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	19462	85.21	ug/l	# 88
16) Acetone	4.13	43	85396	165.19	ug/l	99
18) Methyl Acetate	4.69	43	5904	3.83	ug/l	93
20) Methylene Chloride	4.92	84	43239	8.52	ug/l	93
25) 2-Butanone	7.18	43	13934	17.09	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	3167	1.52	ug/l	92
52) Toluene	10.39	92	26963	2.41	ug/l	98
68) m/p-Xylenes	11.84	106	26752	3.36	ug/l	92
69) o-Xylene	12.17	106	13848	1.87	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	17613	1.37	ug/l	100

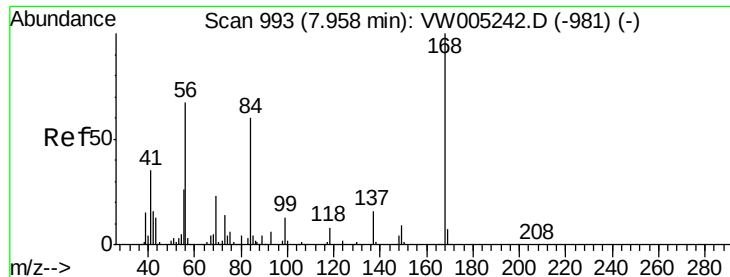
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 01:19:22 2018
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QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005337.D

Acq: 12 Sep 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

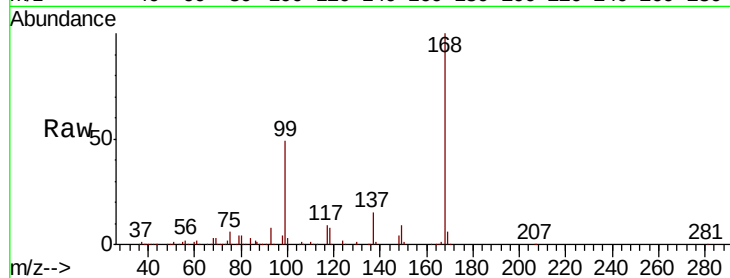
NB-08-091218

Tot Ion:168 Resp: 373408

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

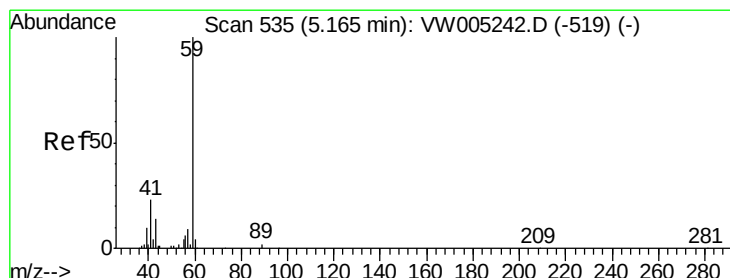
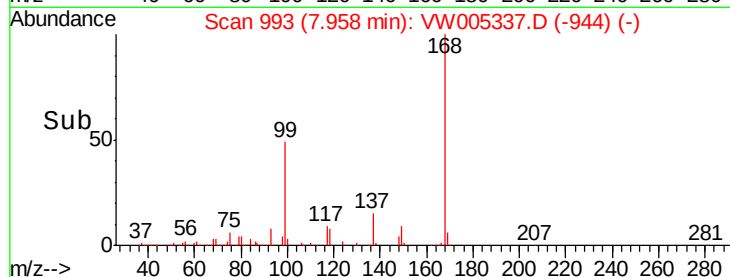
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 85.21 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW005337.D

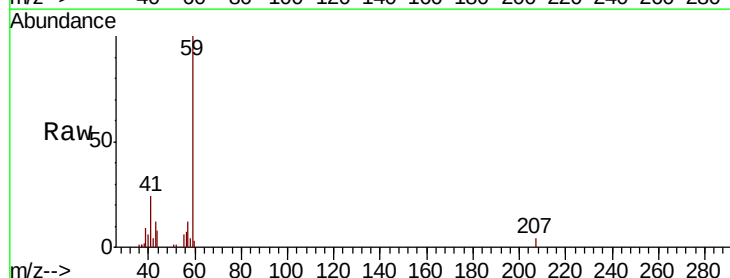
Acq: 12 Sep 2018 20:13

Tgt Ion: 59 Resp: 19462

Ion Ratio Lower Upper

59 100

57 5.7 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

6000

5000

4000

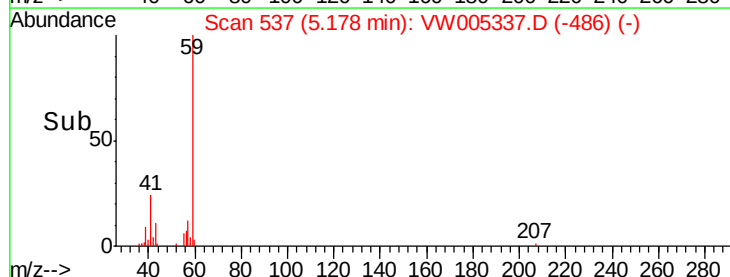
3000

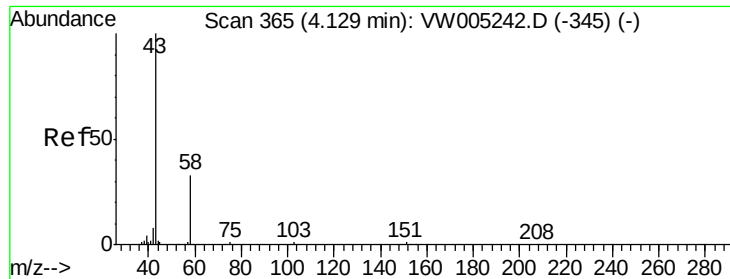
2000

1000

0

Time--> 5.00 5.10 5.20 5.30





#16

Acetone

Concen: 165.19 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005337.D

Acq: 12 Sep 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

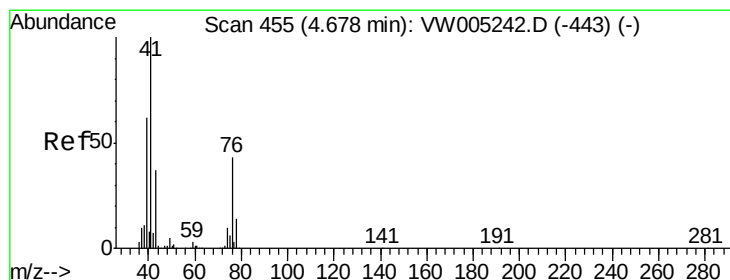
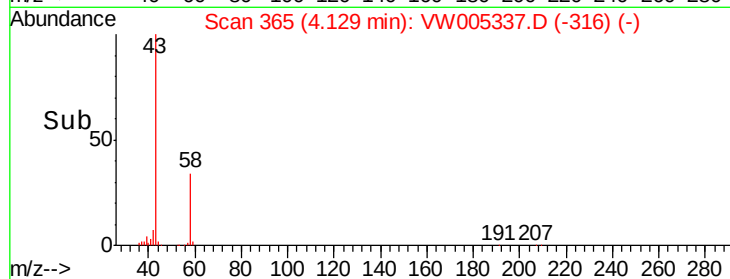
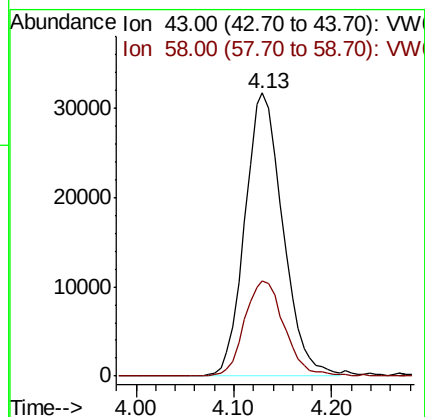
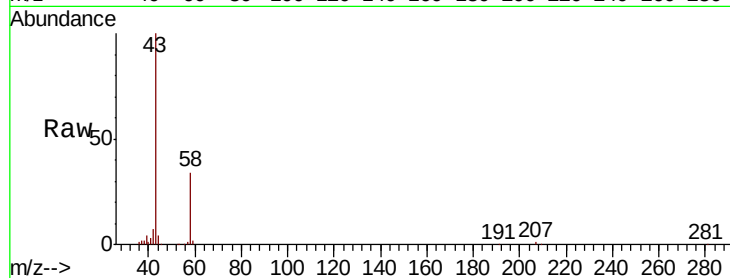
NB-08-091218

Tot Ion: 43 Resp: 85396

Ion Ratio Lower Upper

43 100

58 33.8 26.7 40.1



#18

Methyl Acetate

Concen: 3.83 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005337.D

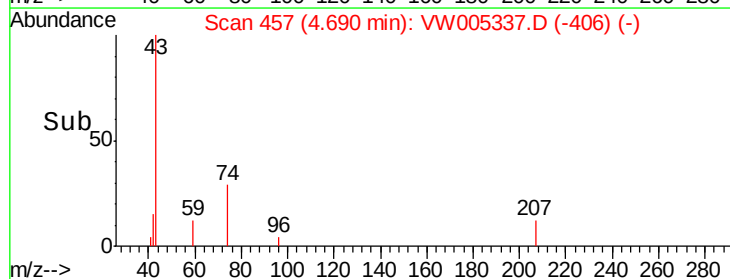
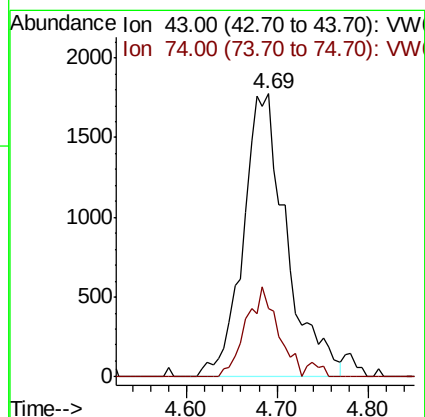
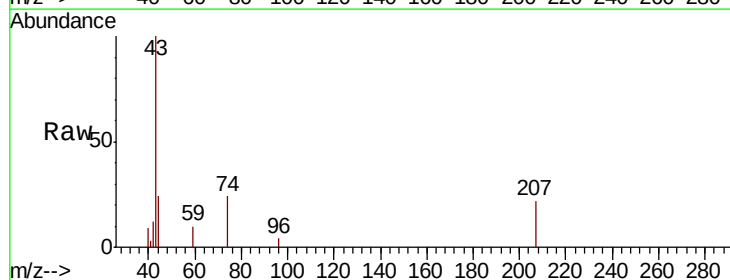
Acq: 12 Sep 2018 20:13

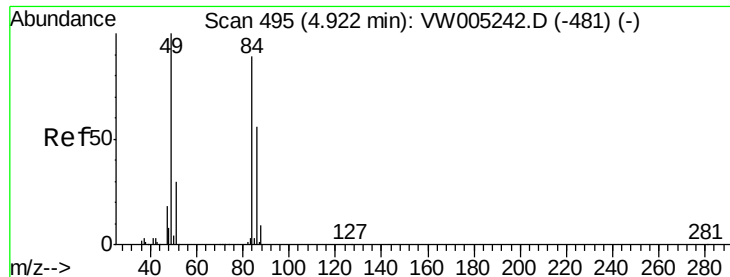
Tgt Ion: 43 Resp: 5904

Ion Ratio Lower Upper

43 100

74 23.4 21.4 32.2

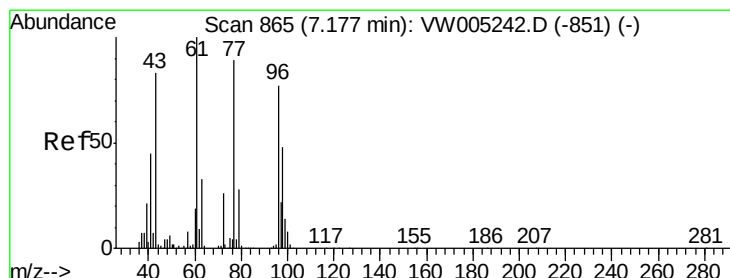
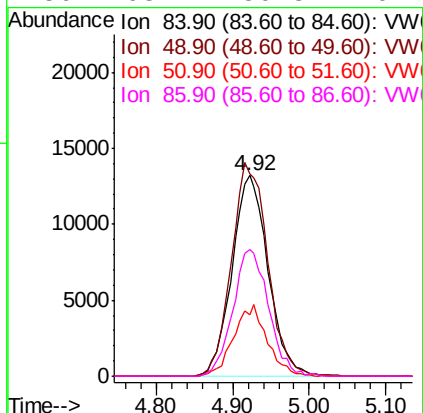
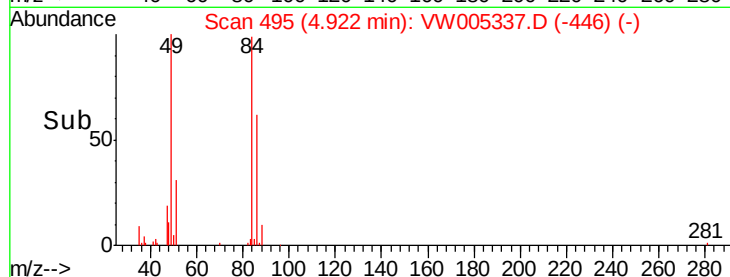
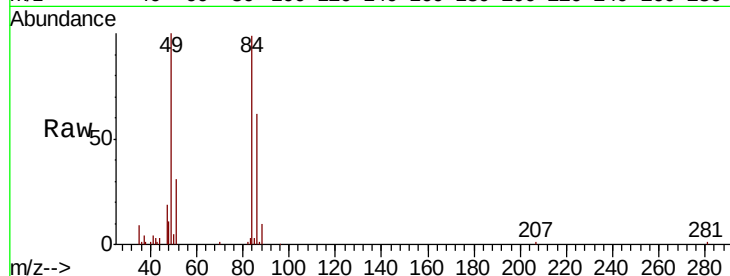




#20
Methylene Chloride
Concen: 8.52 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

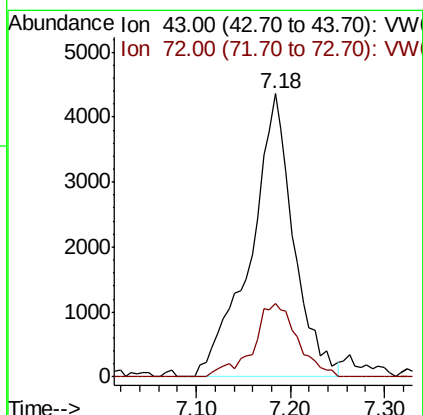
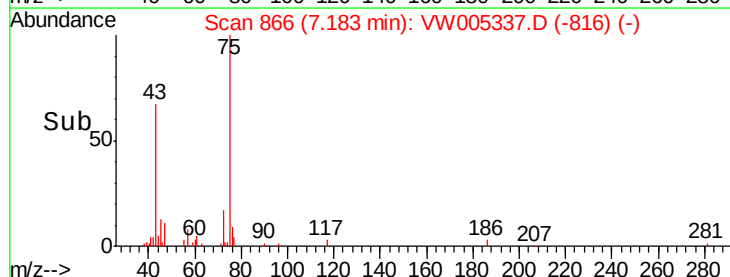
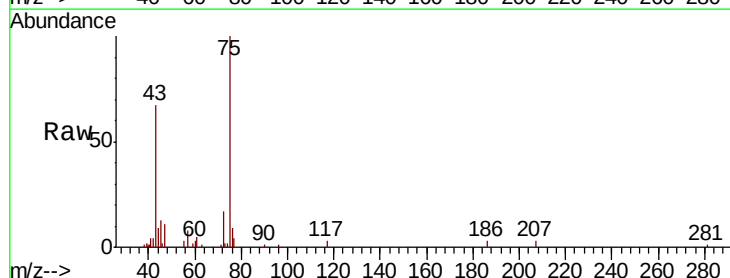
Instrument :
MSVOA_W
ClientSampleId :
NB-08-091218

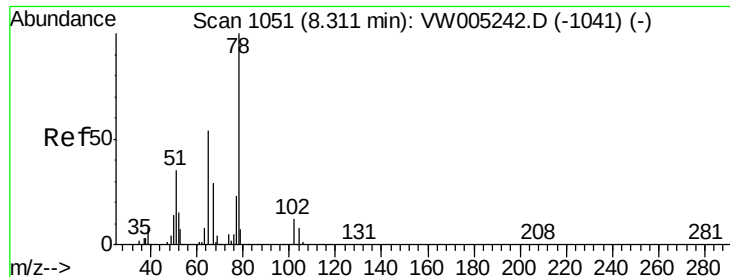
Tot Ion:	84	Resp:	43239
Ion	Ratio	Lower	Upper
84	100		
49	101.1	90.3	135.5
51	30.9	26.9	40.3
86	63.1	50.8	76.2



#25
2-Butanone
Concen: 17.09 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

Tgt Ion:	43	Resp:	13934
Ion	Ratio	Lower	Upper
43	100		
72	26.0	25.0	37.6

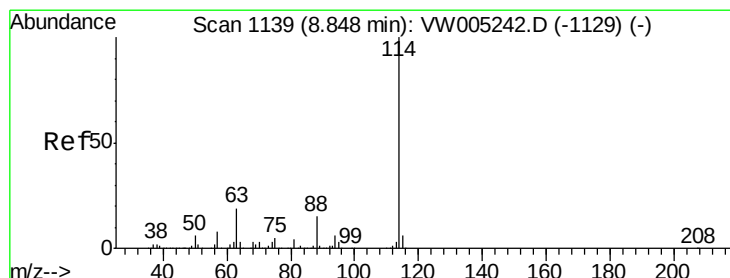
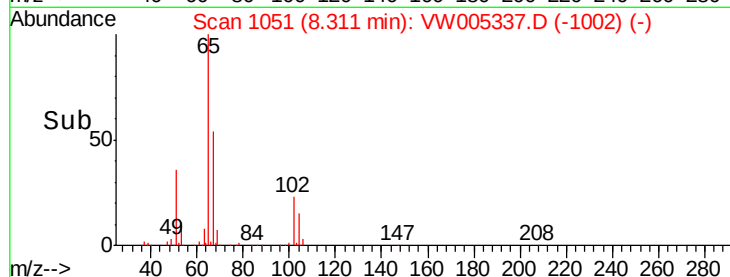
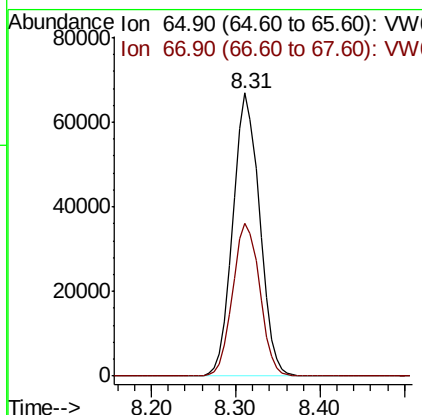
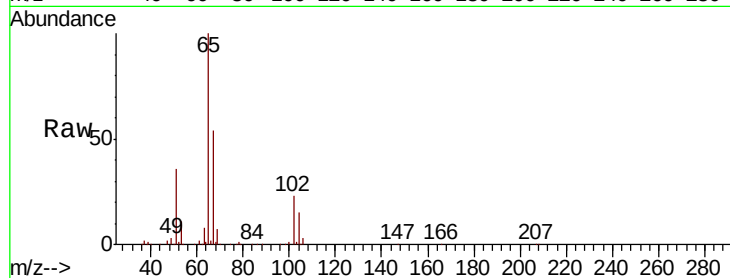




#33
 1,2-Dichloroethane-d4
 Concen: 51.51 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005337.D
 Acq: 12 Sep 2018 20:13

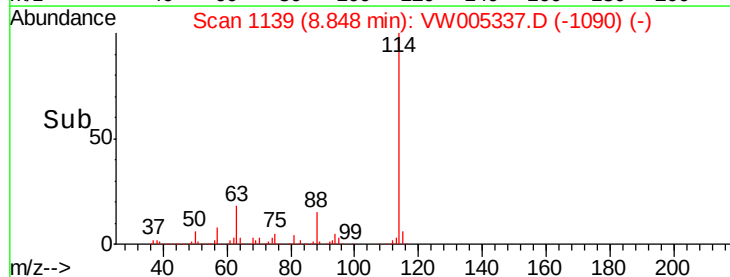
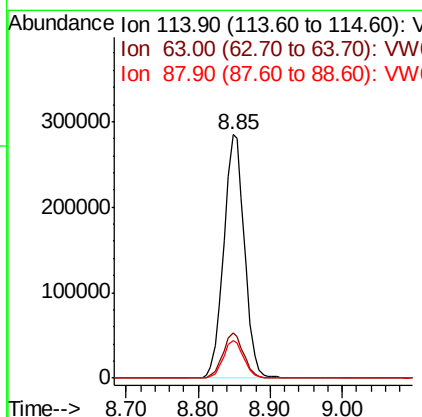
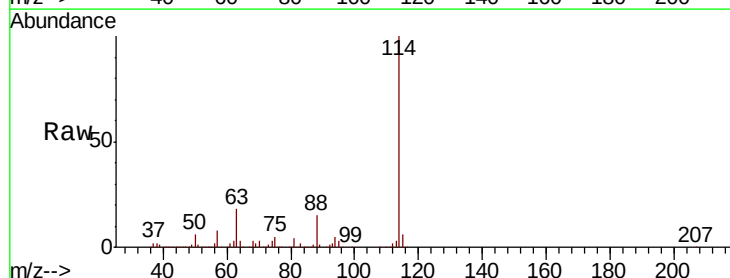
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-091218

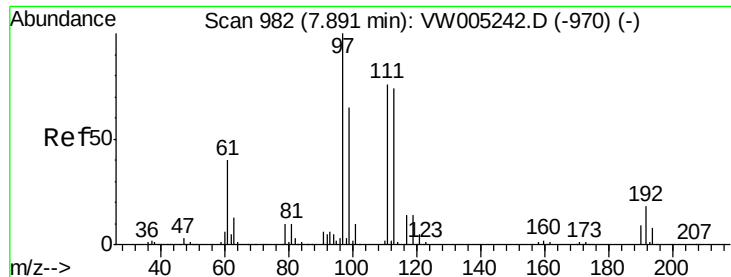
Tot Ion: 65 Resp: 143456
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005337.D
 Acq: 12 Sep 2018 20:13

Tgt Ion: 114 Resp: 571188
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 15.3 0.0 30.4

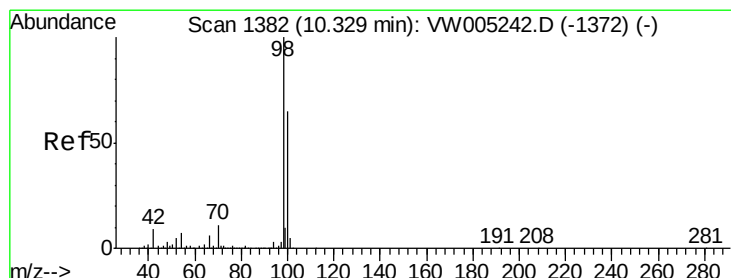
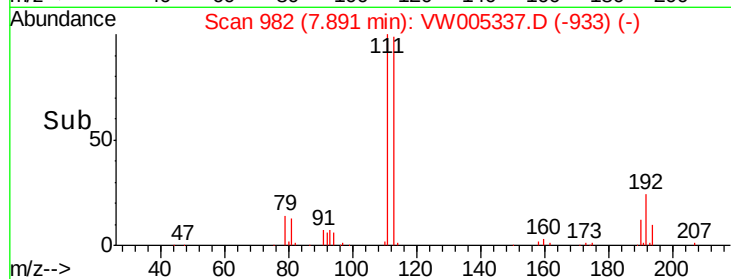
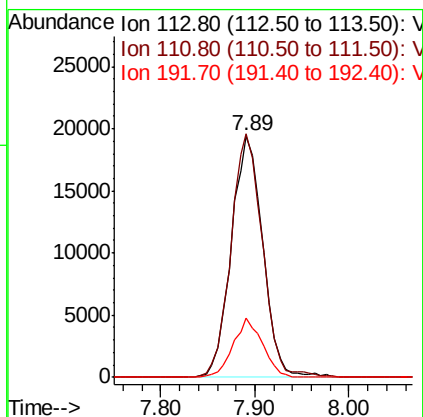
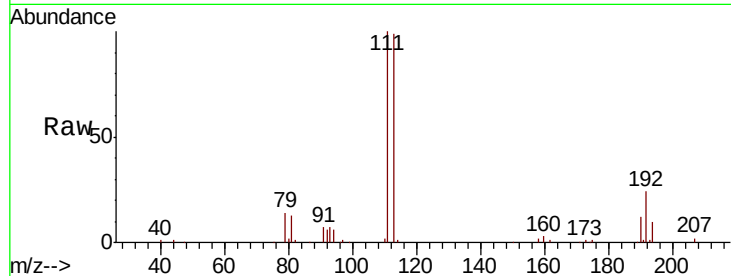




#35
 Dibromofluoromethane
 Concen: 15.07 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005337.D
 Acq: 12 Sep 2018 20:13

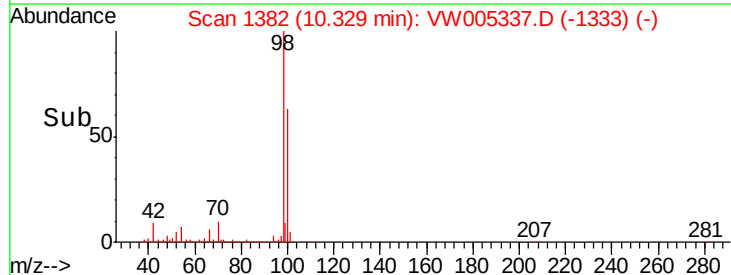
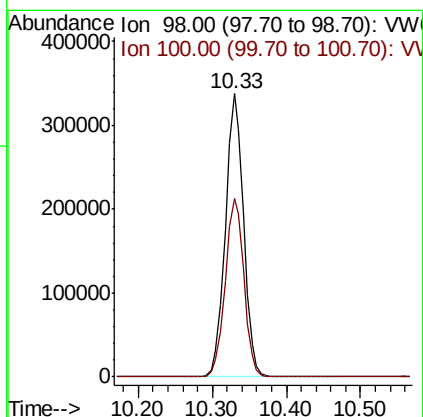
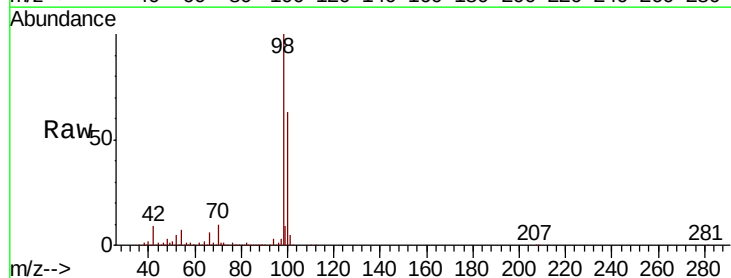
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-091218

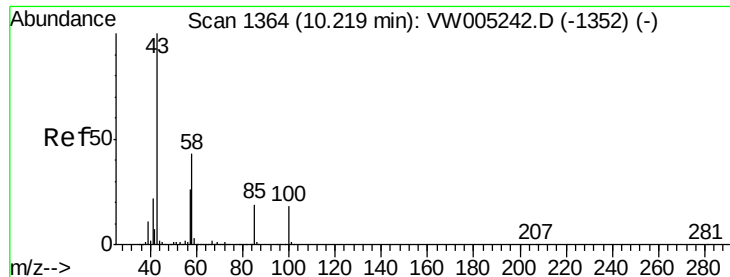
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.6	121.0
192	22.9	18.3	27.5



#50
 Toluene-d8
 Concen: 38.06 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005337.D
 Acq: 12 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 1.52 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005337.D

Acq: 12 Sep 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

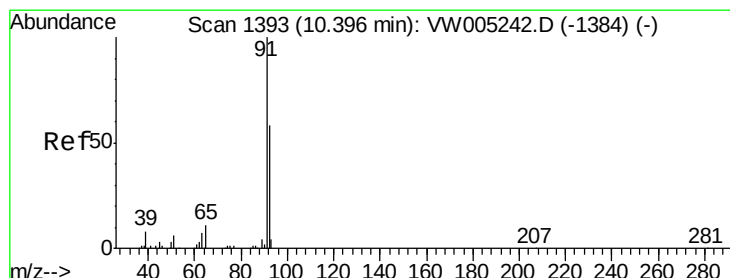
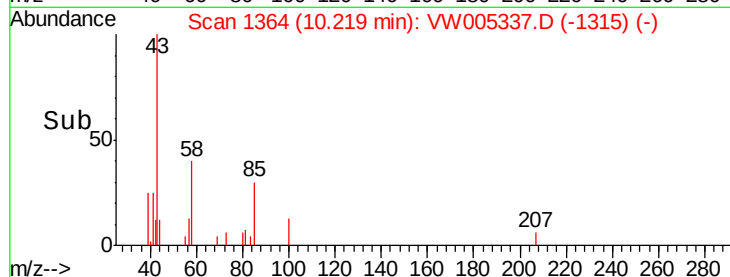
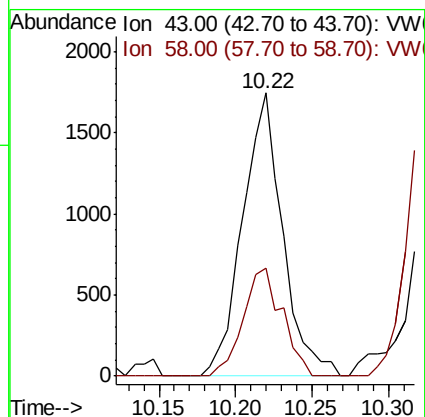
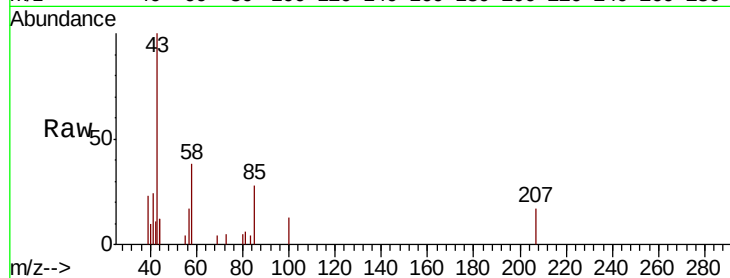
NB-08-091218

Tot Ion: 43 Resp: 3167

Ion Ratio Lower Upper

43 100

58 37.1 33.8 50.6



#52

Toluene

Concen: 2.41 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005337.D

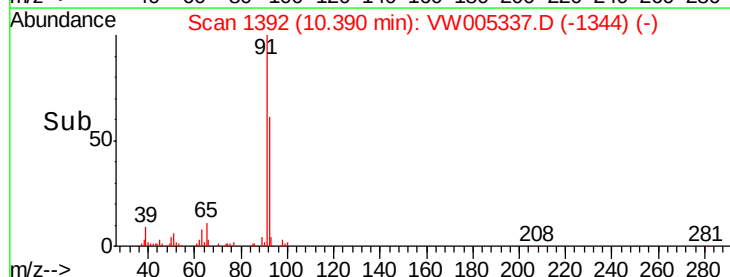
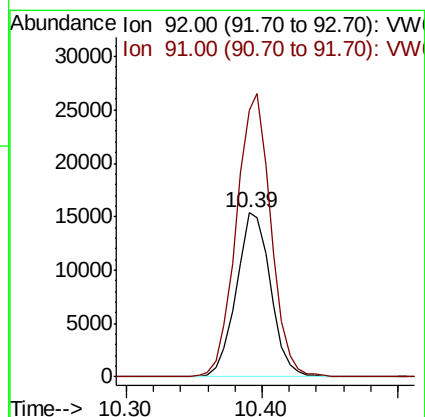
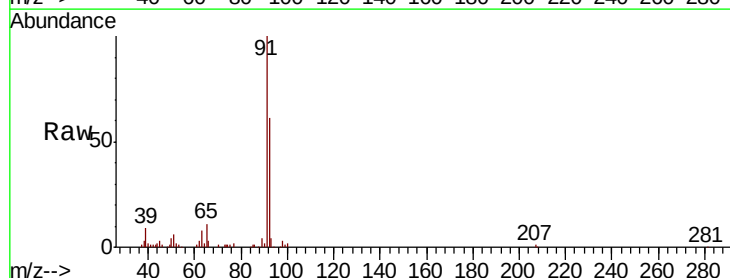
Acq: 12 Sep 2018 20:13

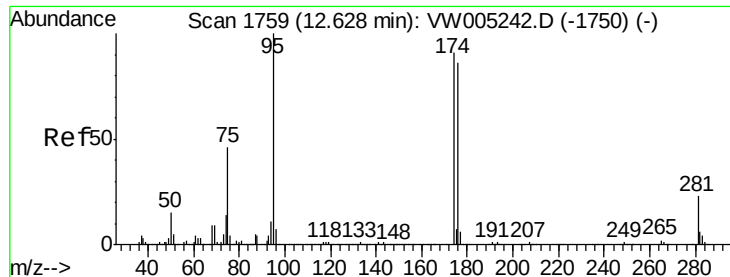
Tgt Ion: 92 Resp: 26963

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0

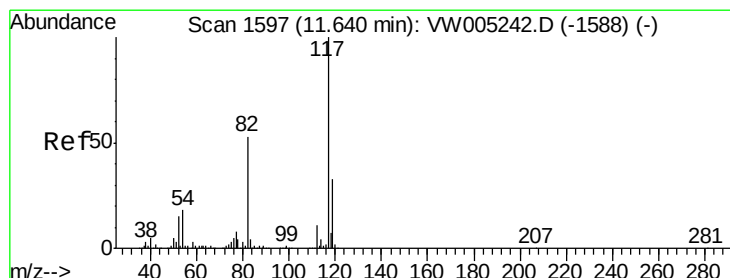
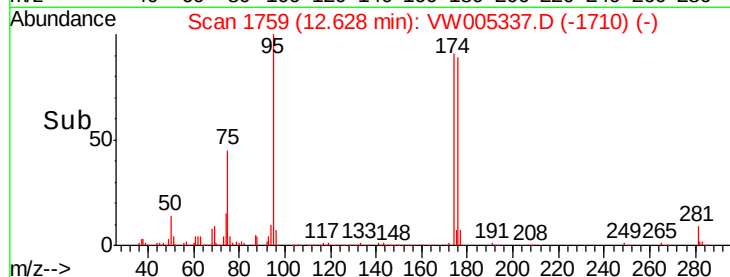
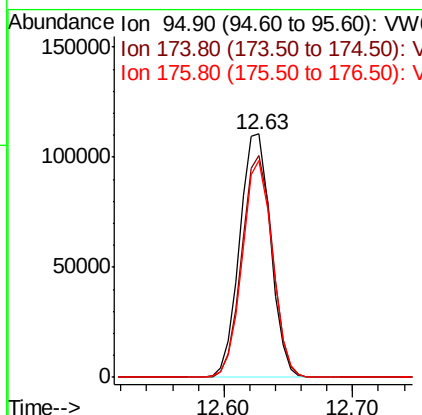
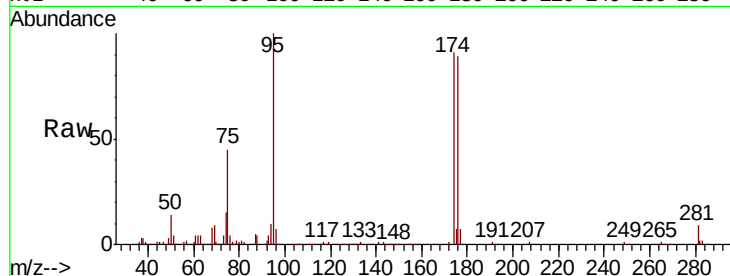




#62
4-Bromofluorobenzene
Concen: 33.34 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

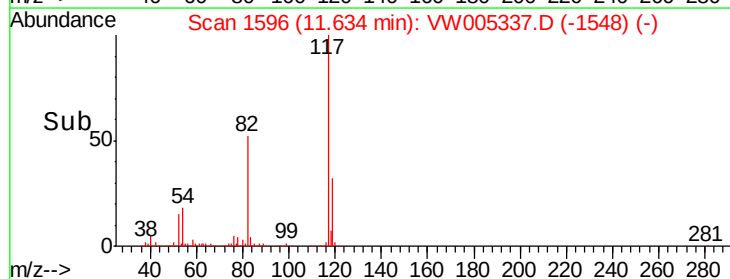
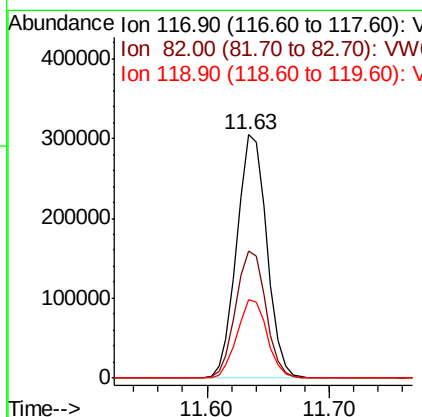
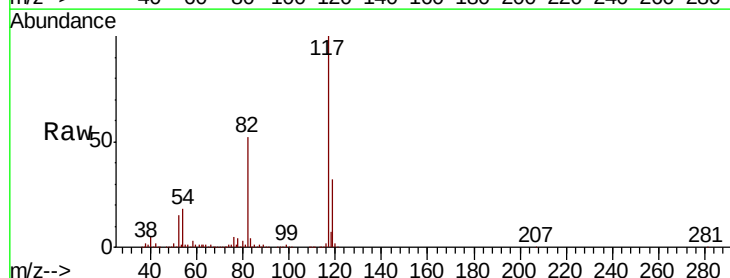
Instrument :
MSVOA_W
ClientSampled :
NB-08-091218

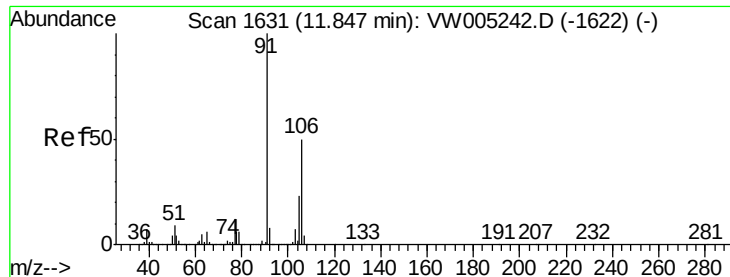
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	174.6
176	86.4	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.2	26.2	39.4

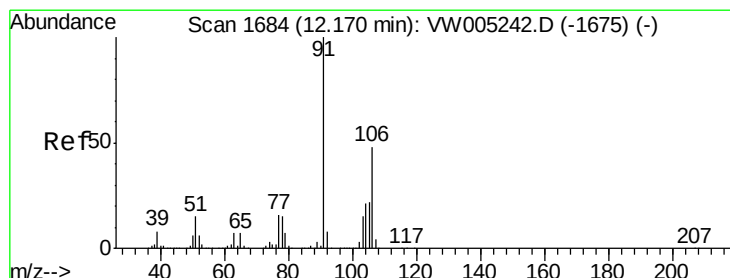
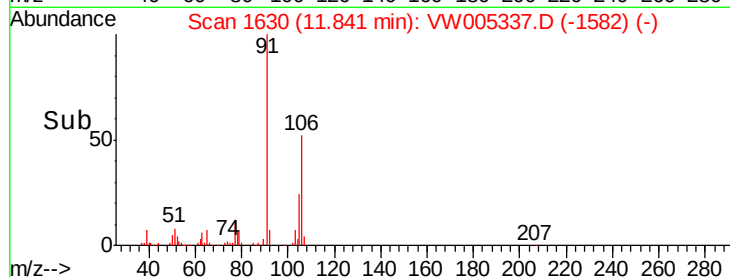
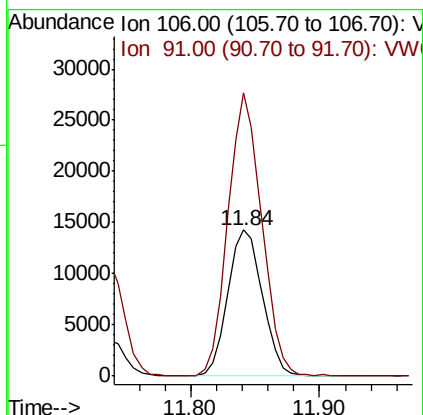
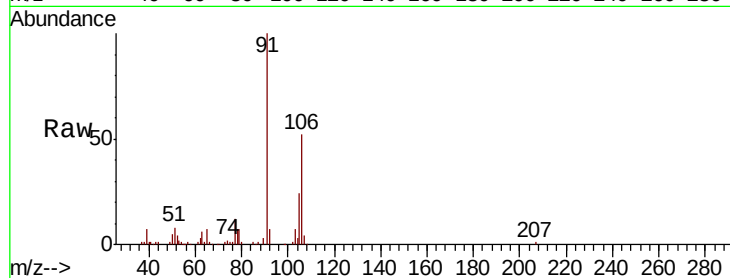




#68
m/p-Xylenes
Concen: 3.36 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

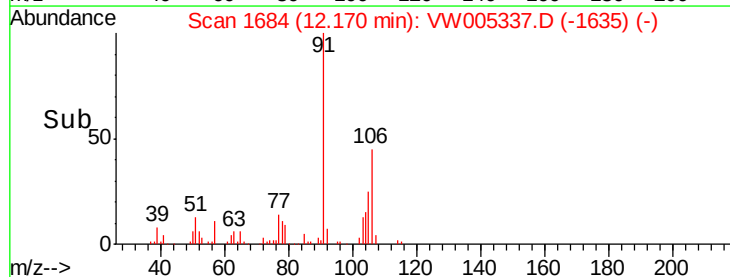
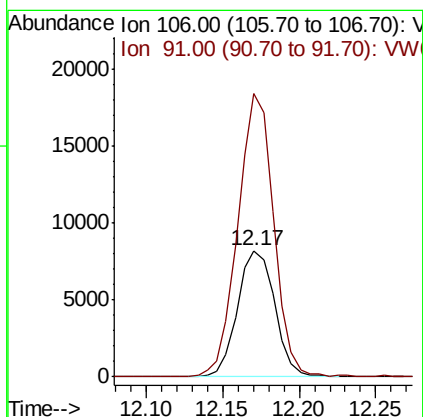
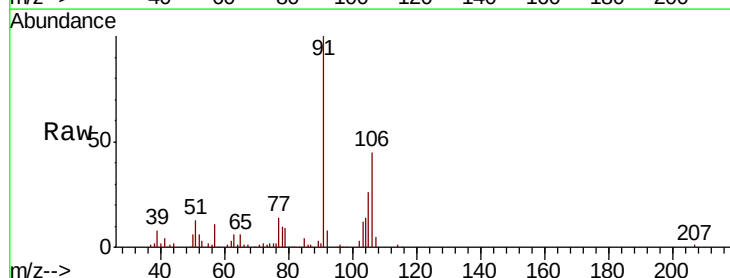
Instrument :
MSVOA_W
ClientSampleId :
NB-08-091218

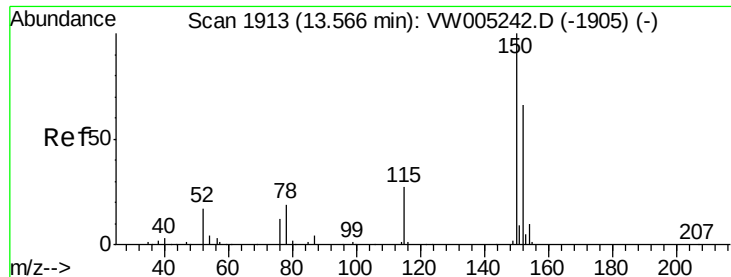
Tot Ion:106 Resp: 26752
Ion Ratio Lower Upper
106 100
91 188.6 160.2 240.2



#69
o-Xylene
Concen: 1.87 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005337.D
Acq: 12 Sep 2018 20:13

Tgt Ion:106 Resp: 13848
Ion Ratio Lower Upper
106 100
91 216.5 104.1 312.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005337.D

Acq: 12 Sep 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

NB-08-091218

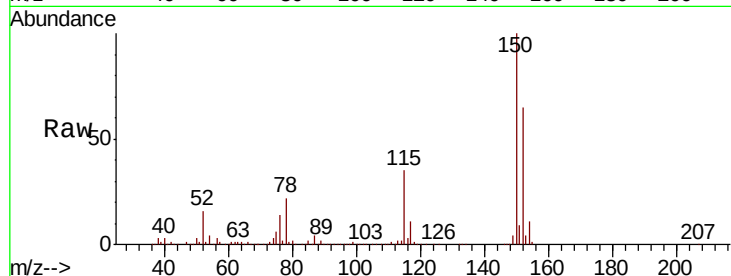
Tot Ion:152 Resp: 211983

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

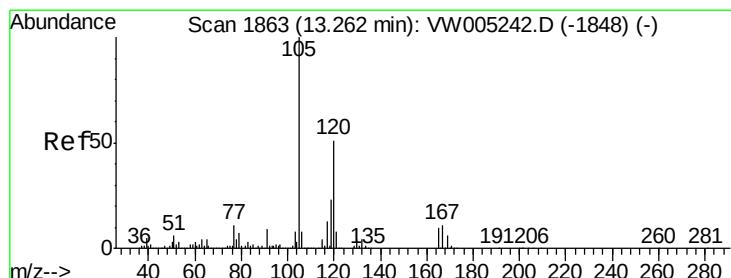
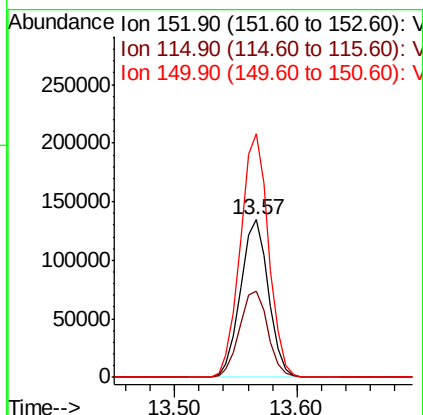
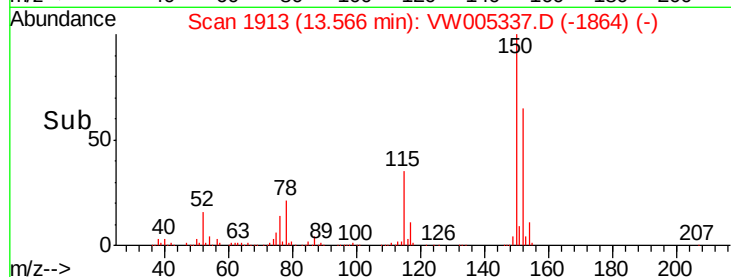
150 156.6 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.37 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VW005337.D

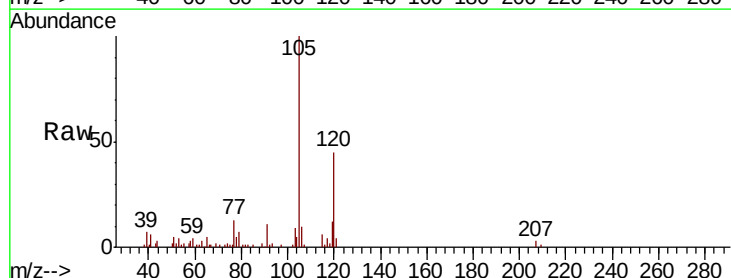
Acq: 12 Sep 2018 20:13

Tgt Ion:105 Resp: 17613

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

