

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005486.D
 Acq On : 18 Sep 2018 18:21
 Operator : SY/AP
 Sample : J4945-01
 Misc : 1.19G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

Quant Time: Sep 19 11:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

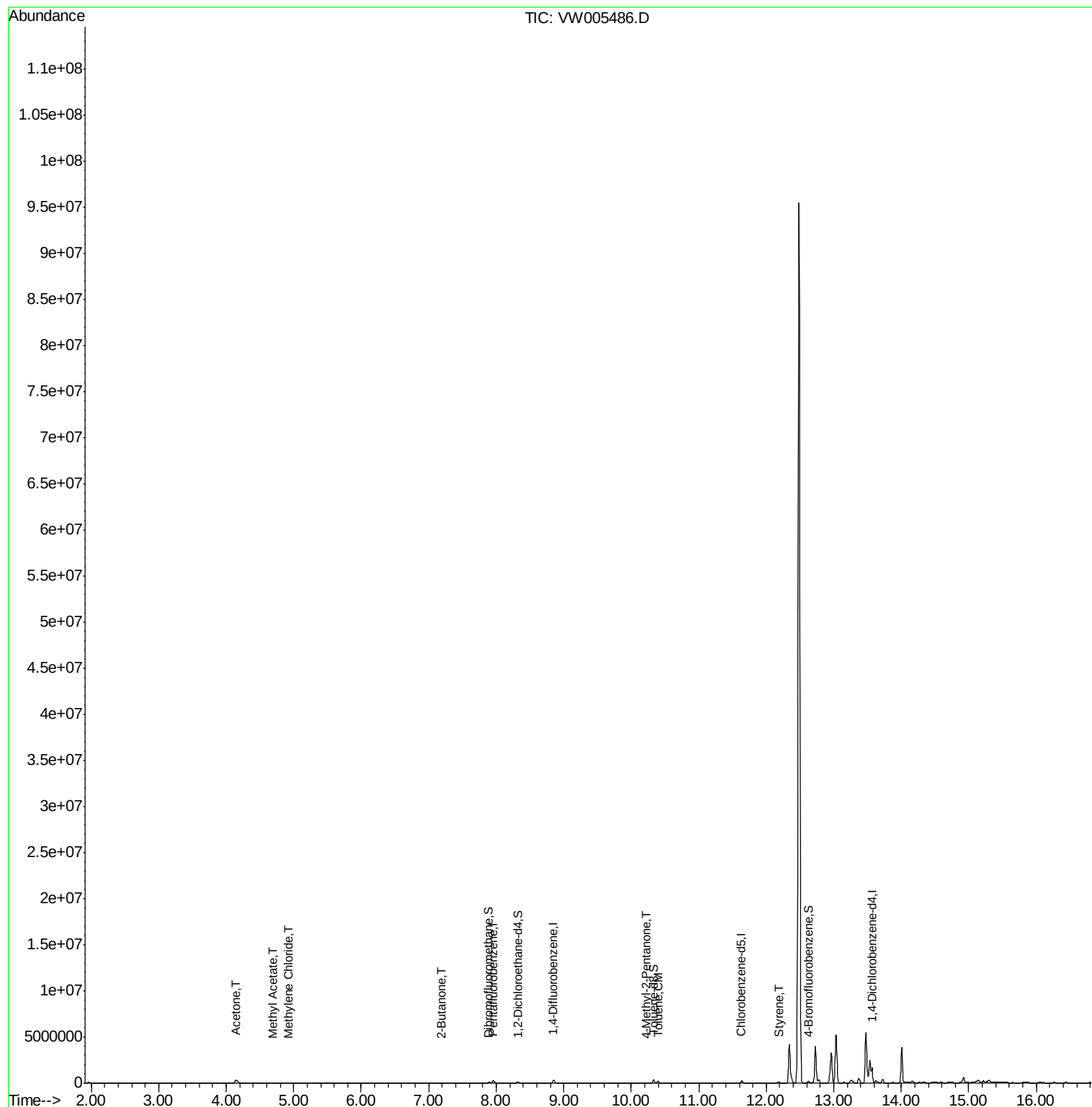
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	202391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	178558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98180	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.89	113	70232	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
50) Toluene-d8	10.33	98	242108	32.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.08%	
62) 4-Bromofluorobenzene	12.63	95	51369	18.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.08%	
Target Compounds						
16) Acetone	4.15	43	677574	2397.59	ug/l	99
18) Methyl Acetate	4.69	43	26895	26.64	ug/l	97
20) Methylene Chloride	4.93	84	16208	2.30	ug/l	97
25) 2-Butanone	7.19	43	17477	34.58	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	11955	10.51	ug/l	99
52) Toluene	10.40	92	92090	16.85	ug/l	99
70) Styrene	12.19	104	54459	13.82	ug/l #	60

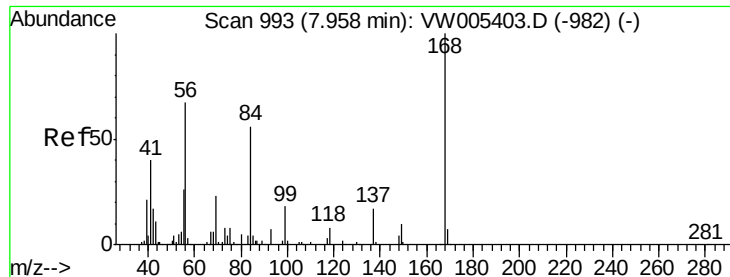
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005486.D

Acq: 18 Sep 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

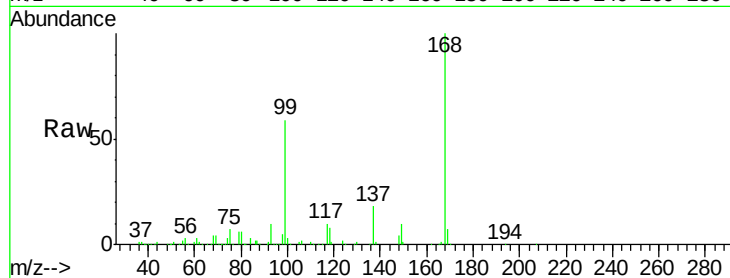
RB47195RT

Tot Ion:168 Resp: 202391

Ion Ratio Lower Upper

168 100

99 58.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

80000

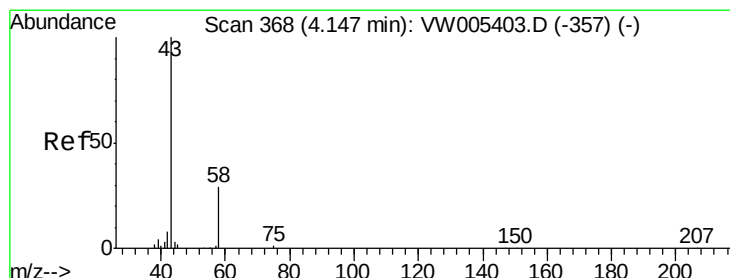
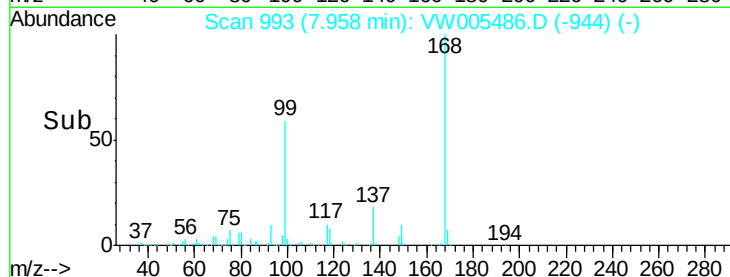
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2397.59 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005486.D

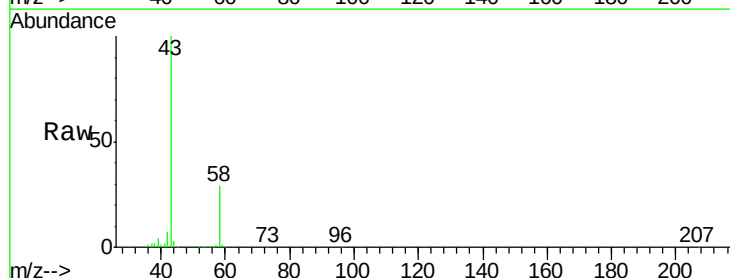
Acq: 18 Sep 2018 18:21

Tgt Ion: 43 Resp: 677574

Ion Ratio Lower Upper

43 100

58 29.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

250000

200000

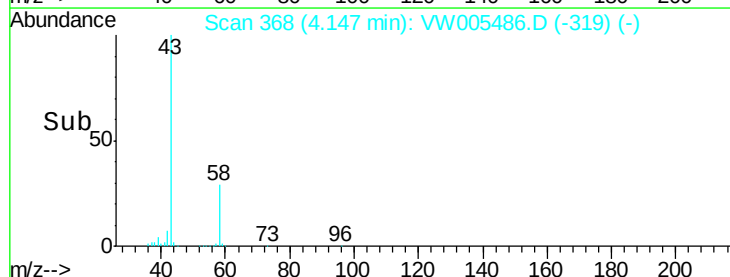
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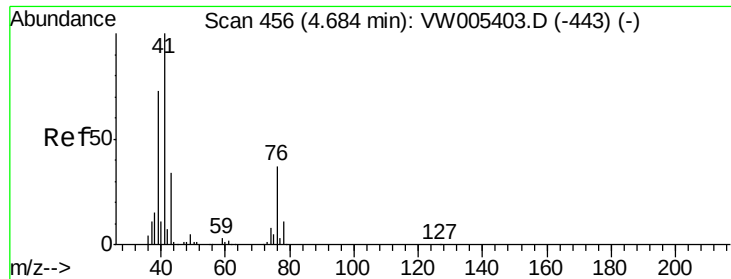
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50000

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Time-->

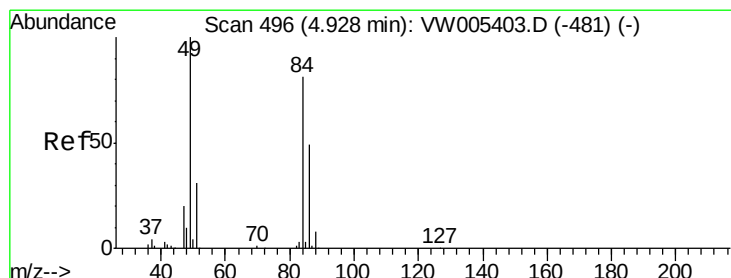
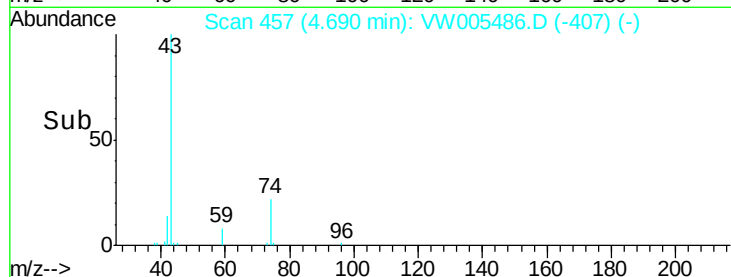
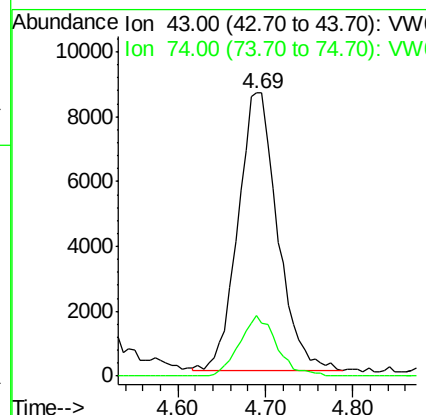
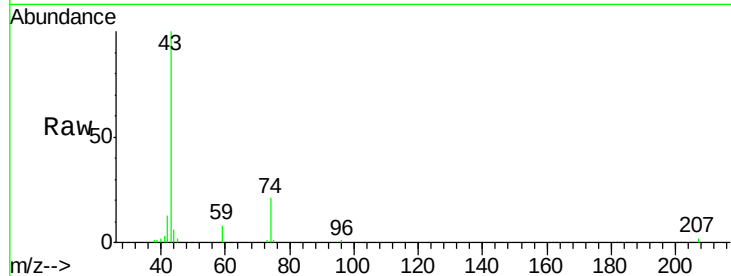




#18
Methyl Acetate
Concen: 26.64 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005486.D
Acq: 18 Sep 2018 18:21

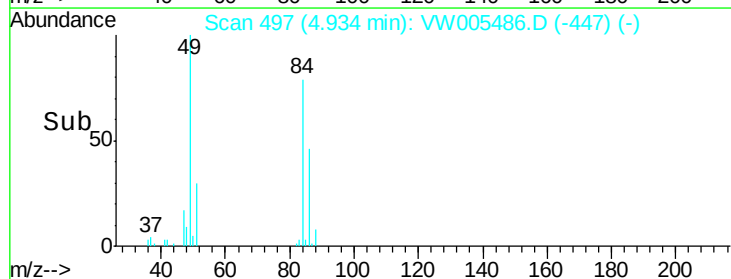
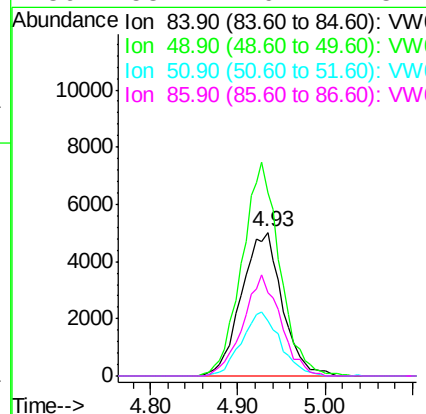
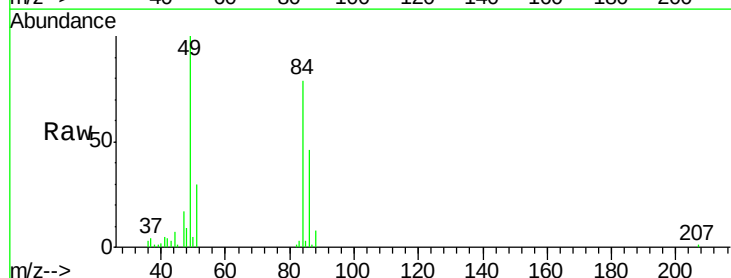
Instrument :
MSVOA_W
ClientSampled :
RB47195RT

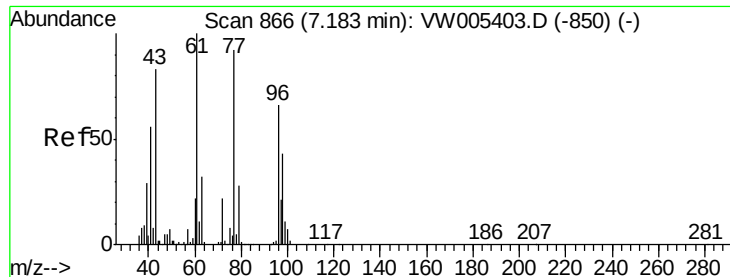
Tot Ion: 43 Resp: 26895
Ion Ratio Lower Upper
43 100
74 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 2.30 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005486.D
Acq: 18 Sep 2018 18:21

Tgt Ion: 84 Resp: 16208
Ion Ratio Lower Upper
84 100
49 127.0 99.3 148.9
51 38.3 31.1 46.7
86 58.2 49.1 73.7





#25

2-Butanone

Concen: 34.58 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005486.D

Acq: 18 Sep 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

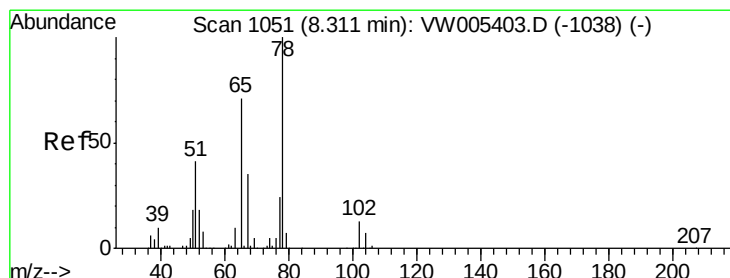
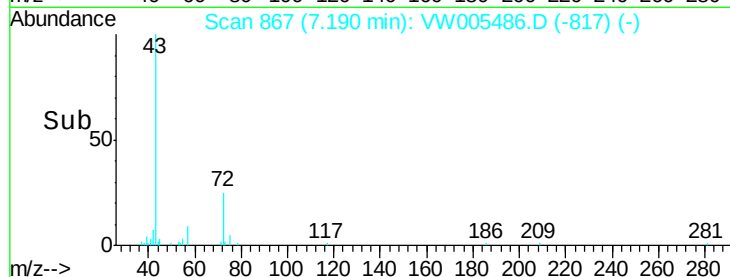
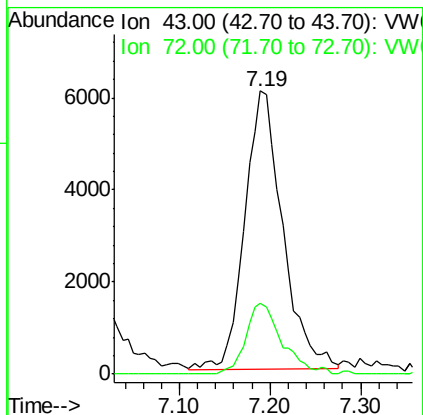
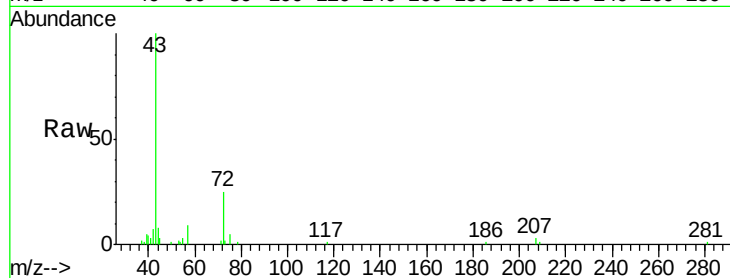
RB47195RT

Tot Ion: 43 Resp: 17477

Ion Ratio Lower Upper

43 100

72 25.4 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 46.73 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005486.D

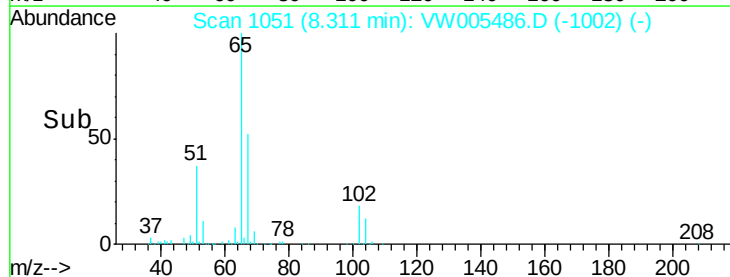
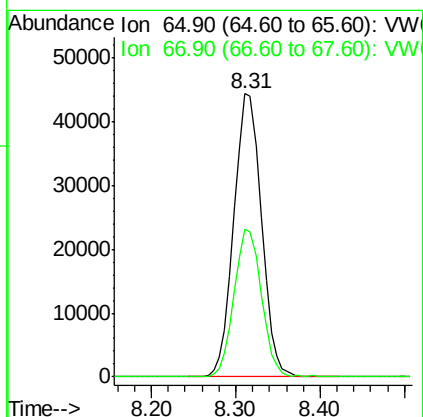
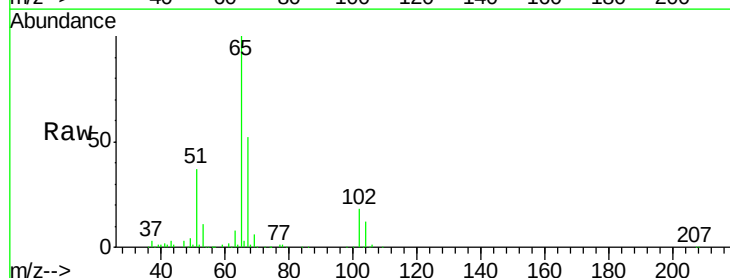
Acq: 18 Sep 2018 18:21

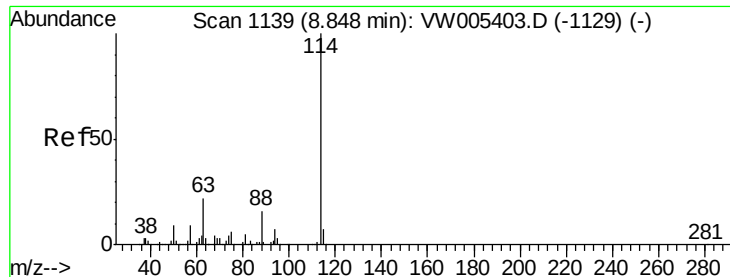
Tgt Ion: 65 Resp: 98180

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.6

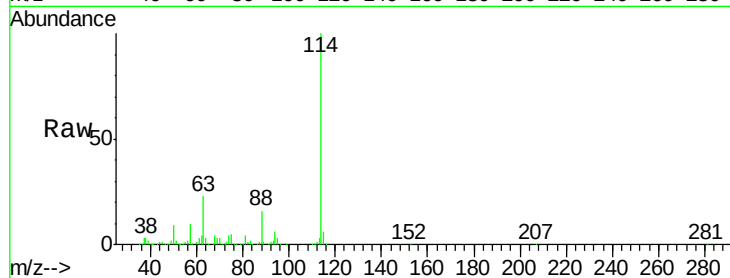




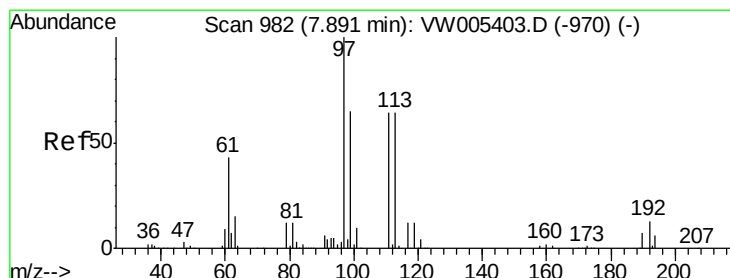
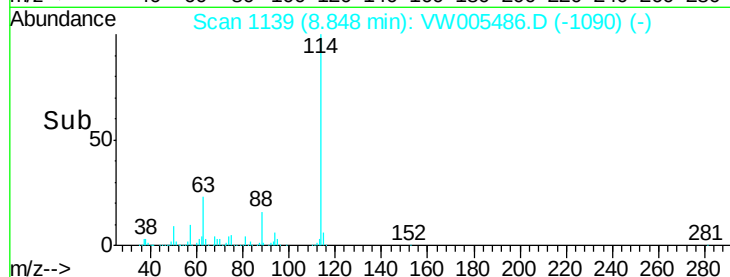
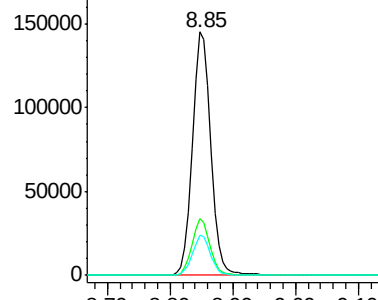
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005486.D
 Acq: 18 Sep 2018 18:21

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	43.4
88	16.3	0.0	31.8

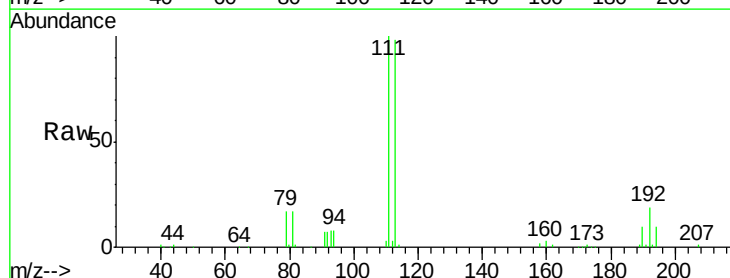


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

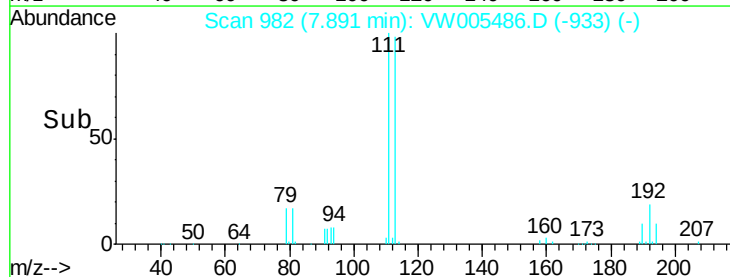
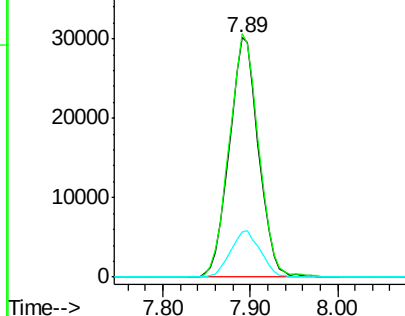


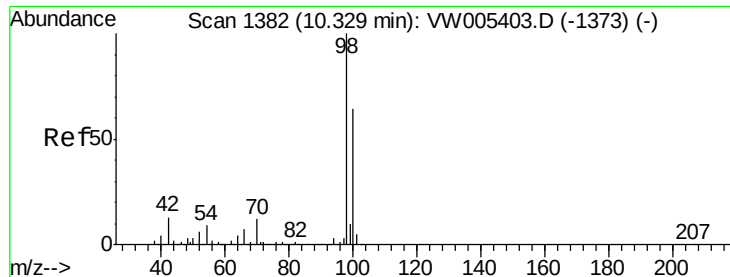
#35
 Dibromofluoromethane
 Concen: 42.56 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005486.D
 Acq: 18 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	19.7	16.5	24.7



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: 32.04 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005486.D

Acq: 18 Sep 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

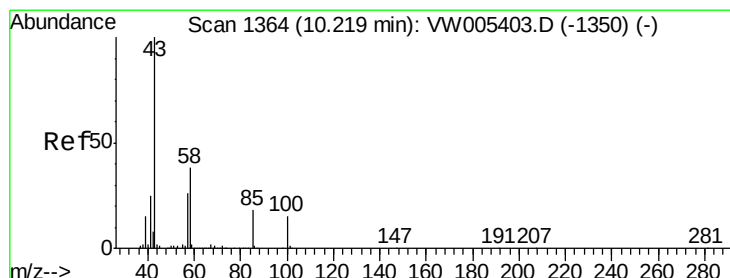
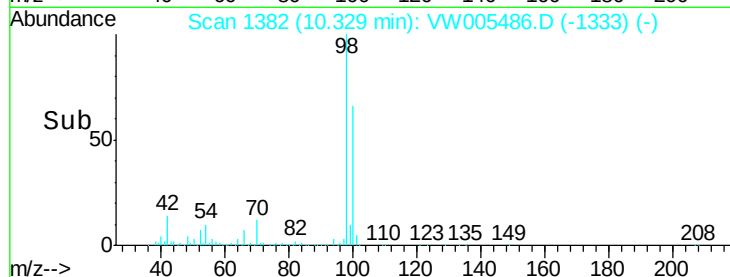
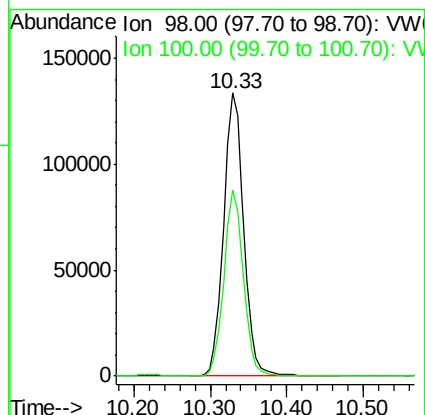
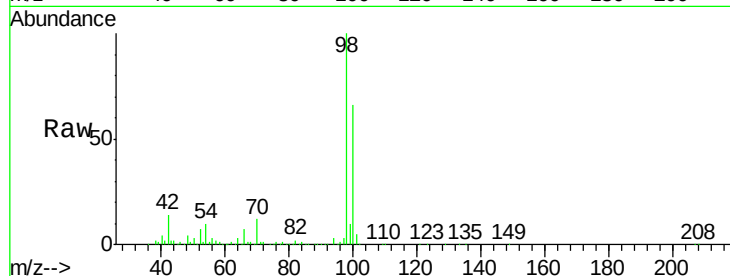
RB47195RT

Tot Ion: 98 Resp: 242108

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 10.51 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005486.D

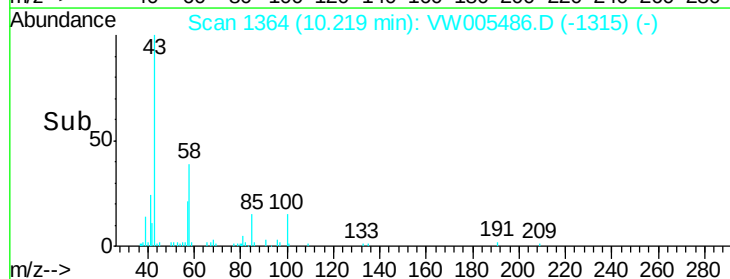
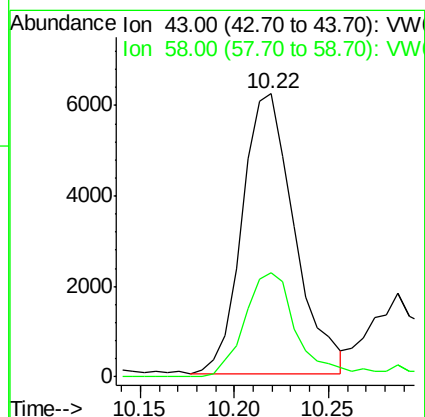
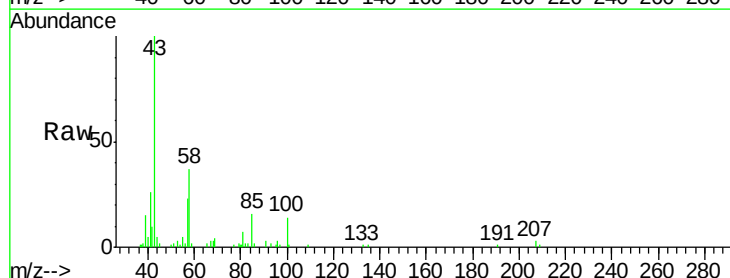
Acq: 18 Sep 2018 18:21

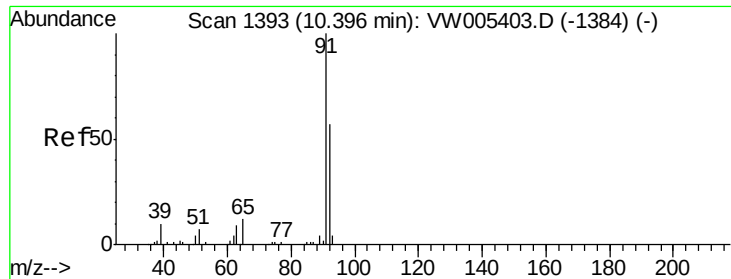
Tgt Ion: 43 Resp: 11955

Ion Ratio Lower Upper

43 100

58 37.1 29.9 44.9





#52

Toluene

Concen: 16.85 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005486.D

Acq: 18 Sep 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

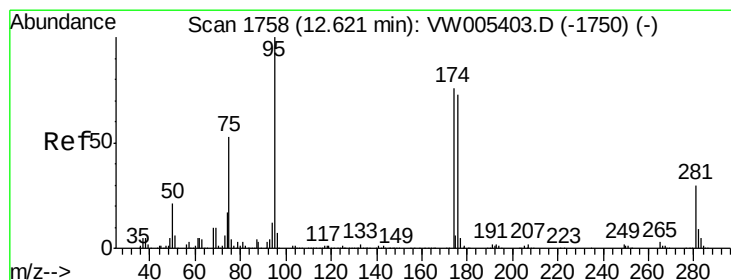
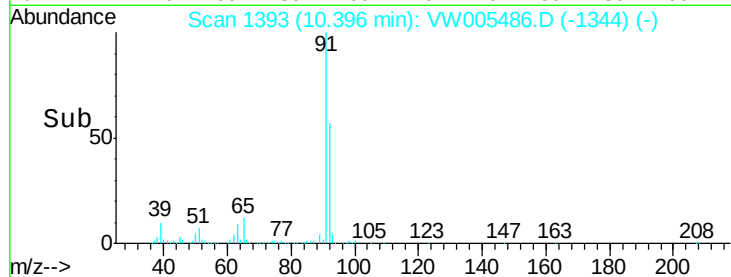
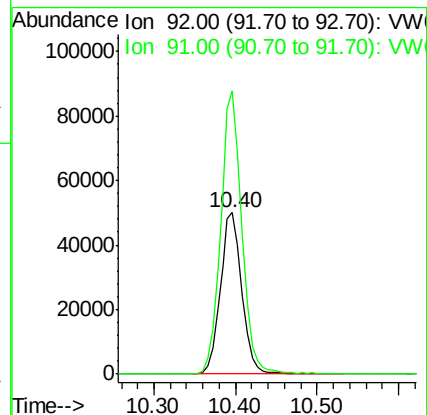
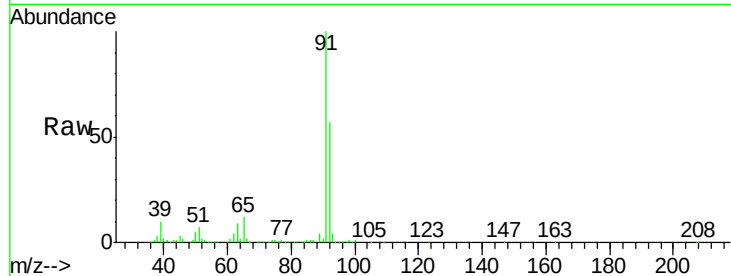
RB47195RT

Tot Ion: 92 Resp: 92090

Ion Ratio Lower Upper

92 100

91 172.5 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 18.54 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005486.D

Acq: 18 Sep 2018 18:21

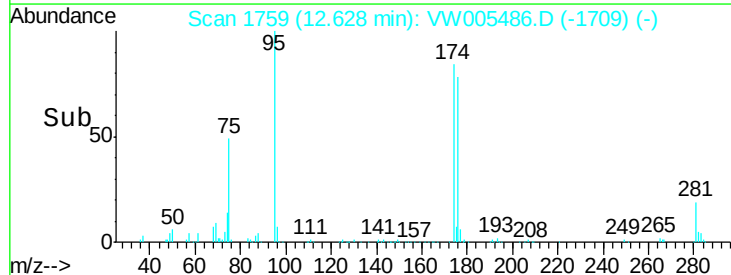
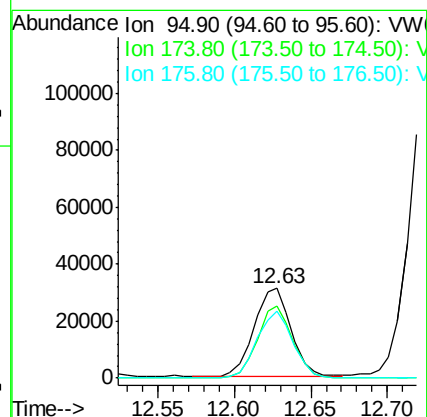
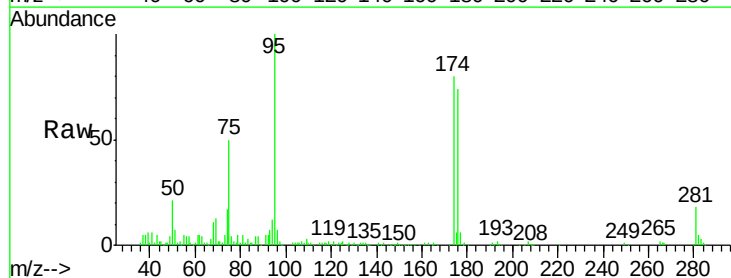
Tgt Ion: 95 Resp: 51369

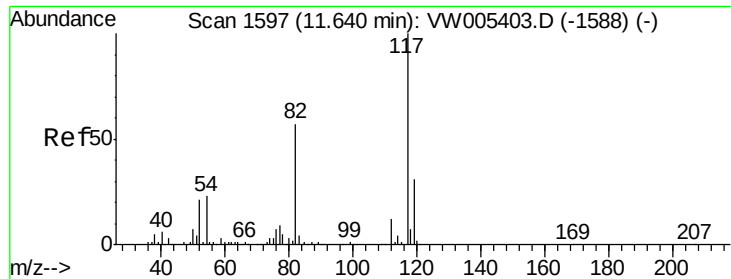
Ion Ratio Lower Upper

95 100

174 78.4 0.0 161.2

176 74.5 0.0 156.6

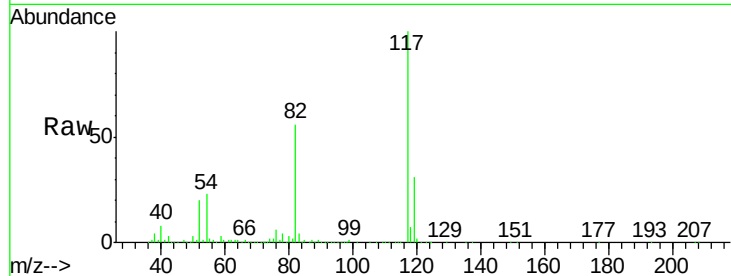




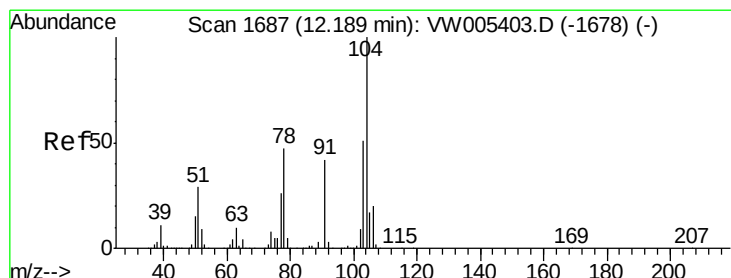
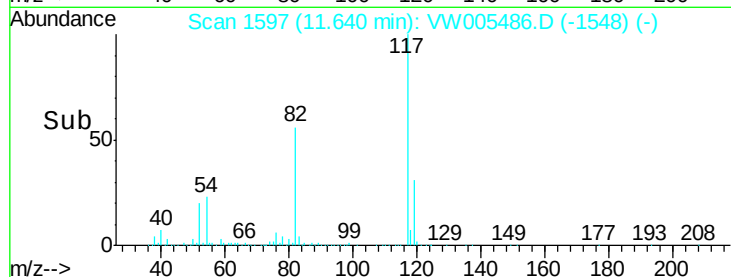
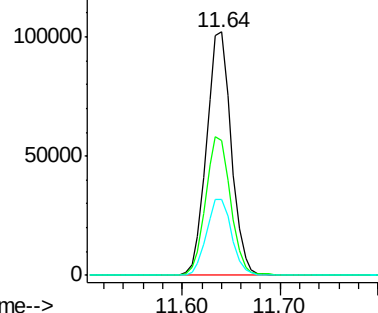
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005486.D
Acq: 18 Sep 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.9	68.9
119	31.1	24.8	37.2

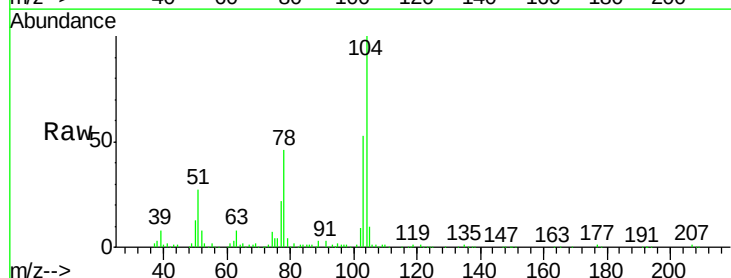


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

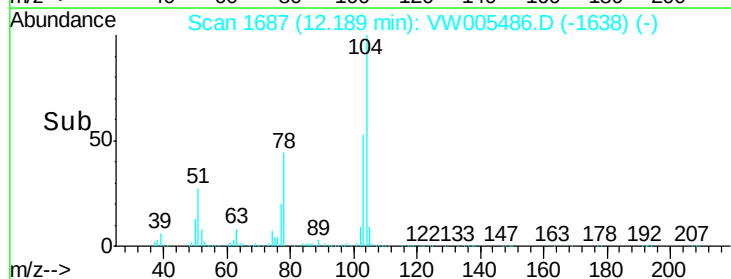
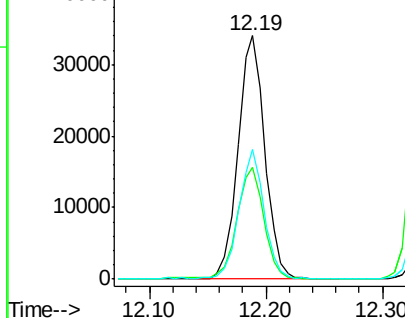


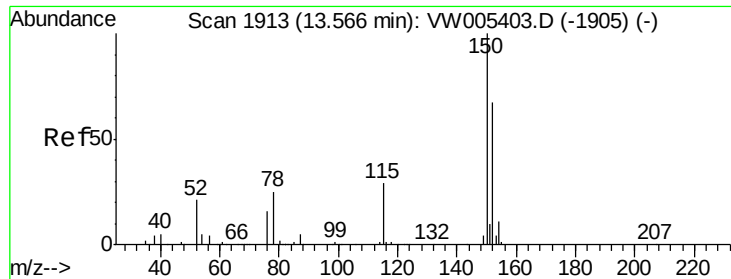
#70
Styrene
Concen: 13.82 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005486.D
Acq: 18 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.4	63.6#
103	50.6	44.8	67.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005486.D

Acq: 18 Sep 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

RB47195RT

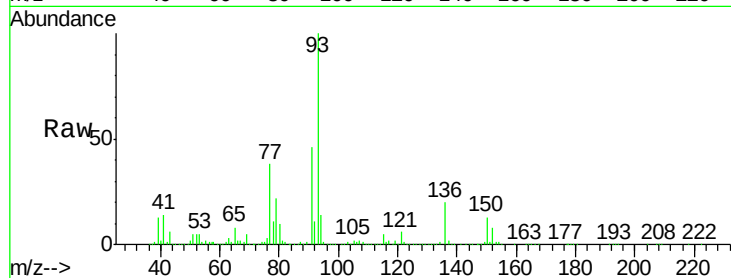
Tot Ion:152 Resp: 52904

Ion Ratio Lower Upper

152 100

115 76.3 29.5 88.5

150 154.7 0.0 345.6



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

