

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005117.D
 Acq On : 05 Sep 2018 08:57
 Operator : SY/AP
 Sample : J4712-09
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06

Quant Time: Sep 05 11:05:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	603793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	934401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	801539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	286261	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	172055	34.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.76%	
35) Dibromofluoromethane	7.89	113	165260	30.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	61.22%	
50) Toluene-d8	10.33	98	644364	25.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	51.80%	
62) 4-Bromofluorobenzene	12.62	95	196580	22.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.82%	

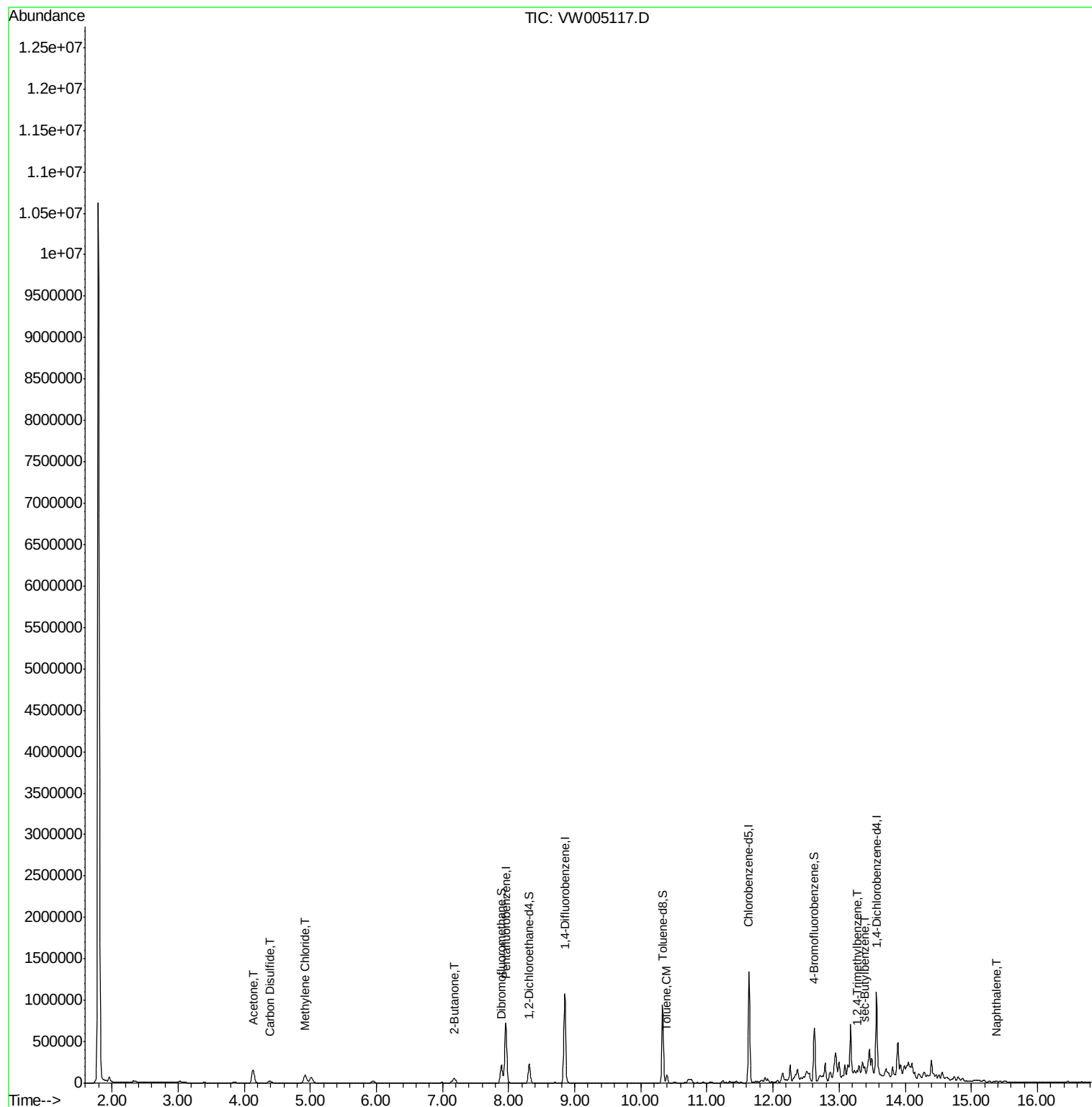
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	279154	278.10	ug/l	96
17) Carbon Disulfide	4.39	76	52970	3.11	ug/l	99
20) Methylene Chloride	4.92	84	75225	7.81	ug/l	94
25) 2-Butanone	7.18	43	87363	50.18	ug/l	99
52) Toluene	10.39	92	41187	2.23	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	19851	1.12	ug/l	100
85) sec-Butylbenzene	13.39	105	25027	1.17	ug/l #	61
95) Naphthalene	15.38	128	13405	5.17	ug/l #	95

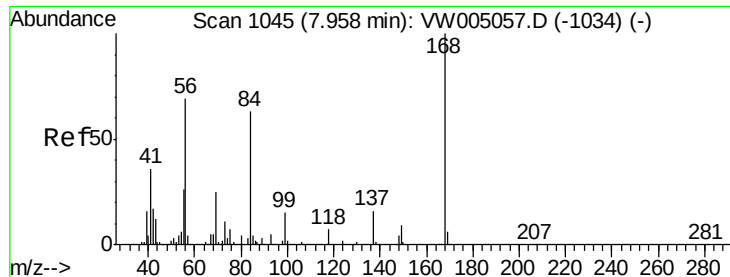
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
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MSVOA_W
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Quant Time: Sep 05 11:05:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Instrument :

MSVOA_W

ClientSampled :

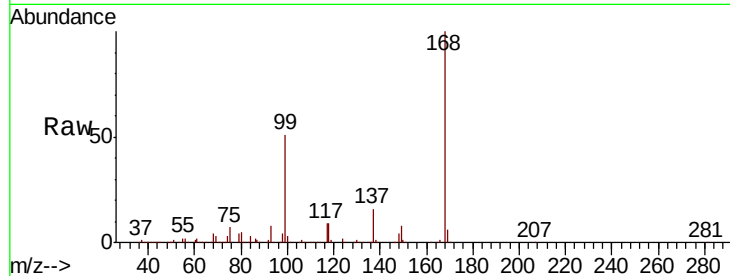
SB-06

Tot Ion:168 Resp: 603793

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

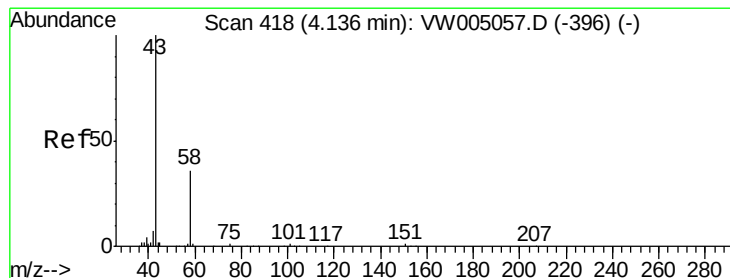
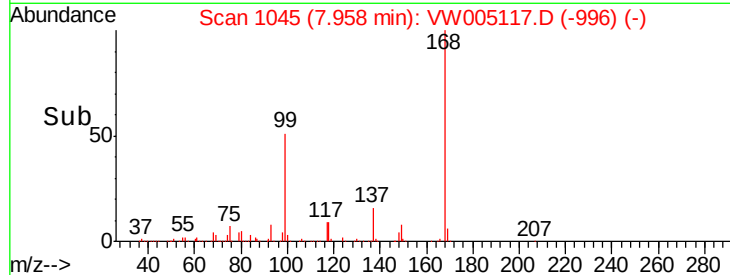
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 278.10 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW005117.D

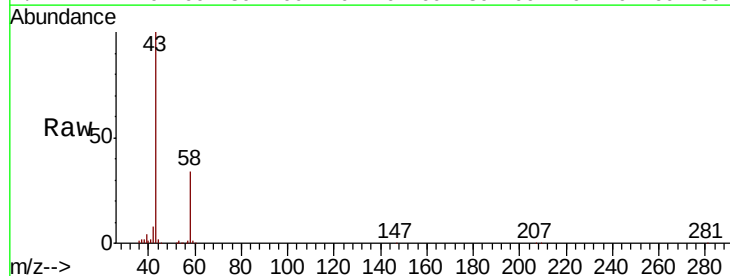
Acq: 05 Sep 2018 08:57

Tgt Ion: 43 Resp: 279154

Ion Ratio Lower Upper

43 100

58 33.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

120000

100000

80000

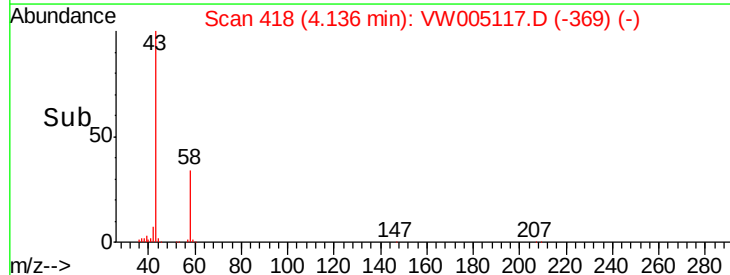
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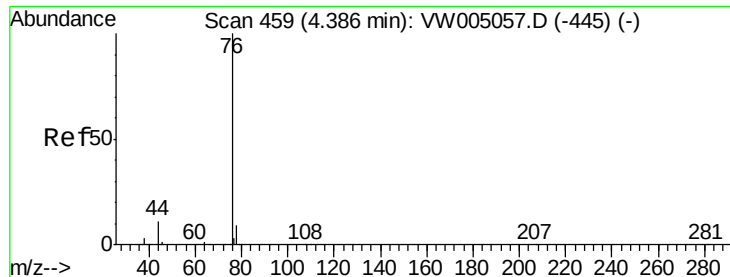
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 3.11 ug/l

RT: 4.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Instrument :

MSVOA_W

ClientSampleId :

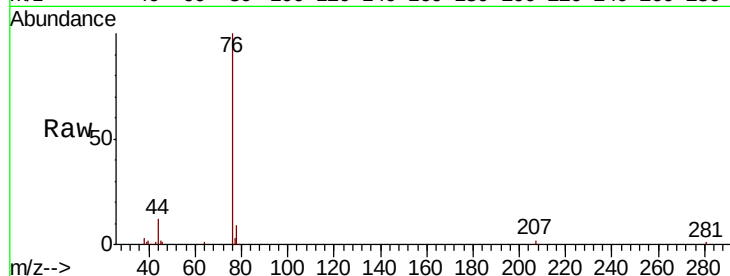
SB-06

Tot Ion: 76 Resp: 52970

Ion Ratio Lower Upper

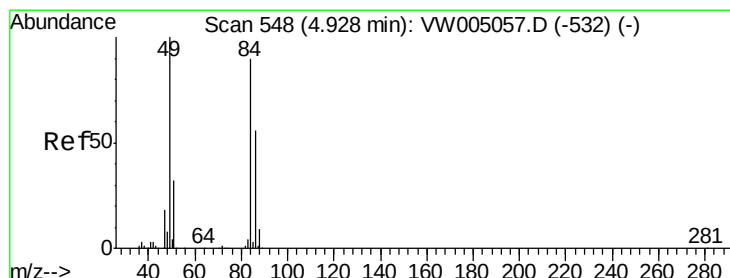
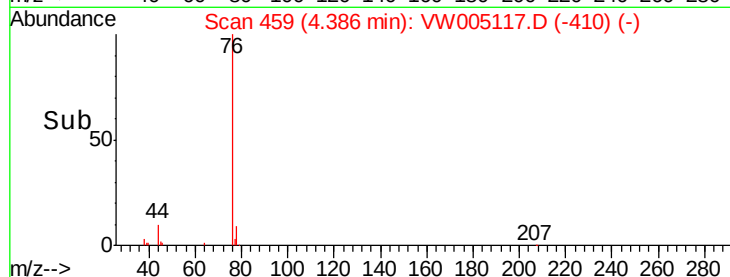
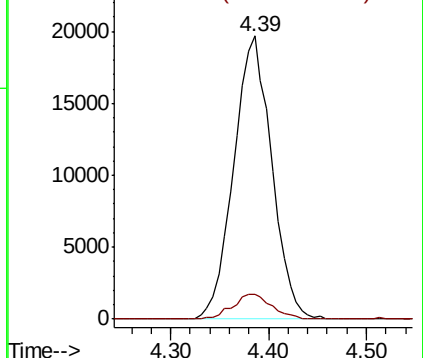
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 7.81 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Tgt Ion: 84 Resp: 75225

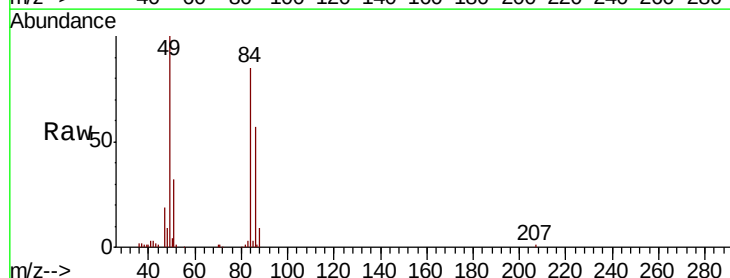
Ion Ratio Lower Upper

84 100

49 117.6 88.7 133.1

51 37.3 28.6 42.8

86 66.9 49.4 74.2

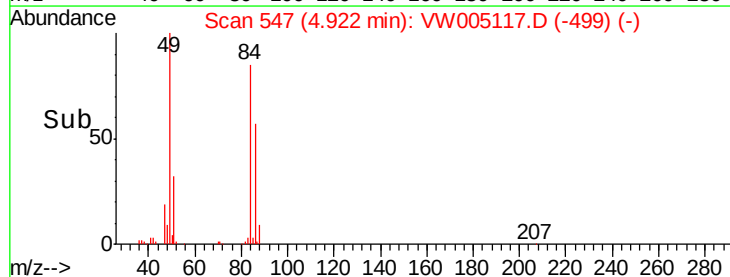
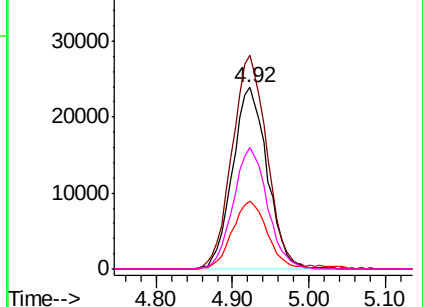


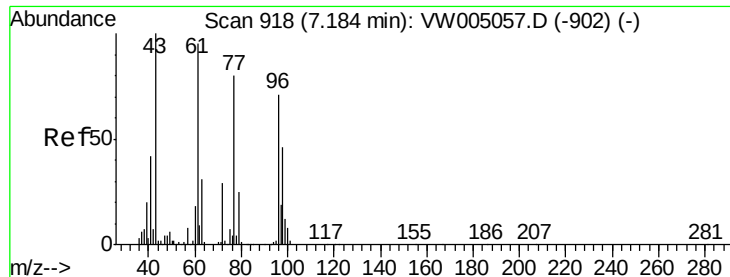
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 50.18 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Instrument :

MSVOA_W

ClientSampled :

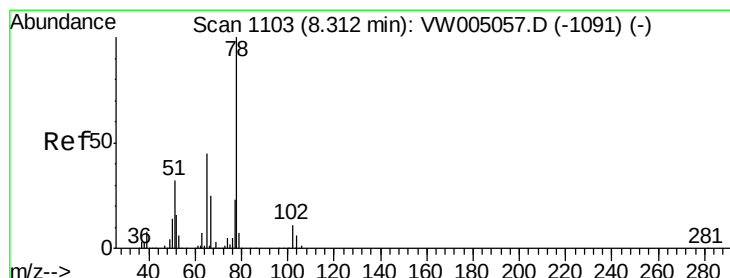
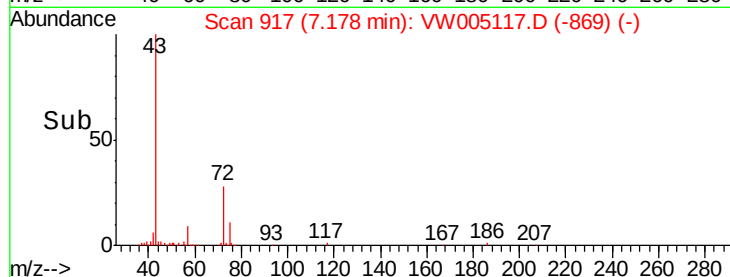
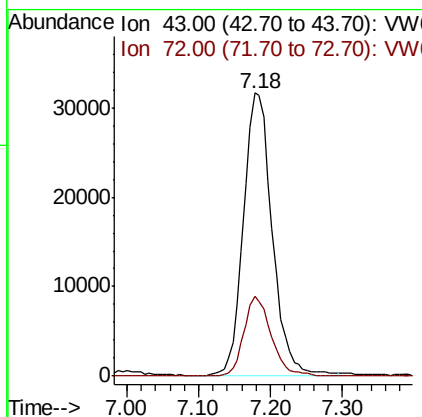
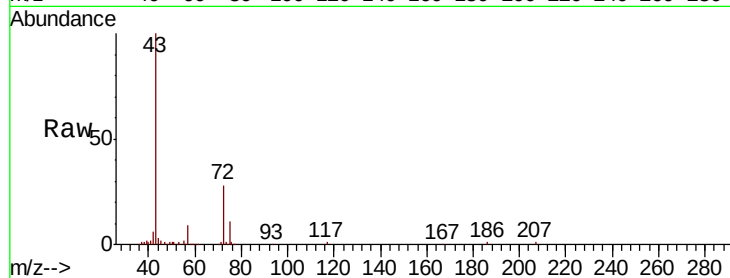
SB-06

Tot Ion: 43 Resp: 87363

Ion Ratio Lower Upper

43 100

72 28.2 23.1 34.7



#33

1,2-Dichloroethane-d4

Concen: 34.38 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005117.D

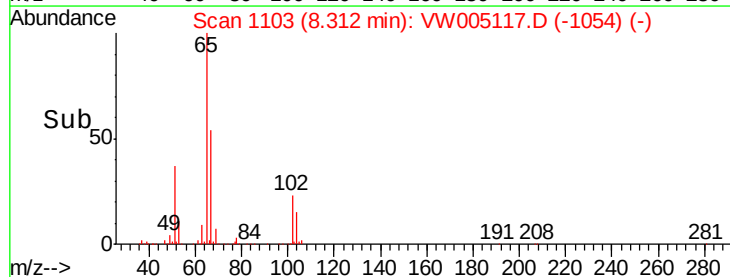
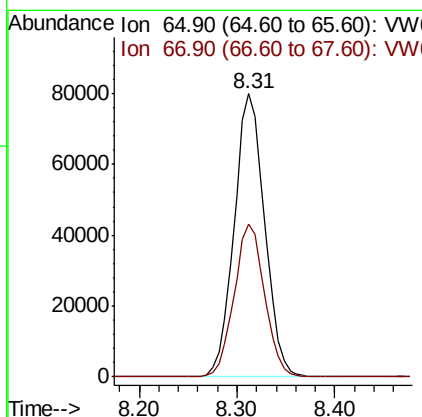
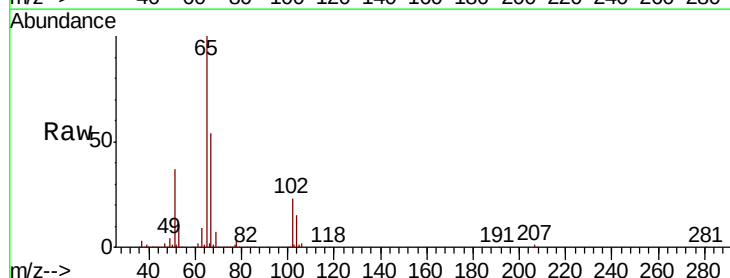
Acq: 05 Sep 2018 08:57

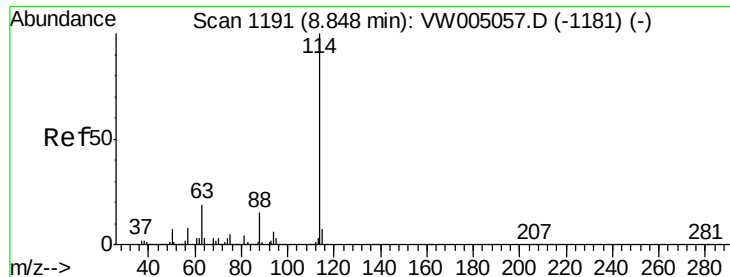
Tgt Ion: 65 Resp: 172055

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4

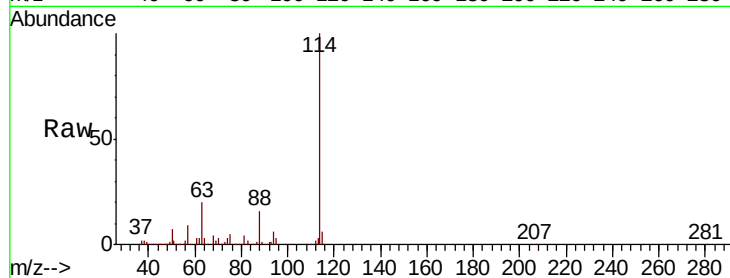




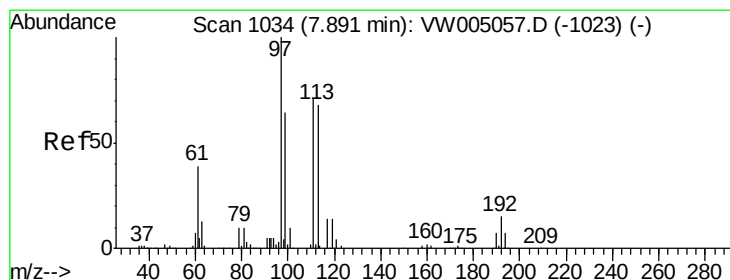
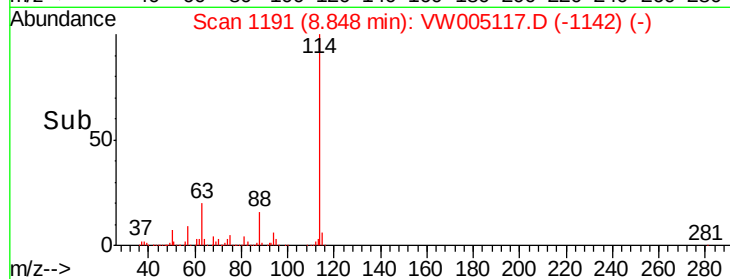
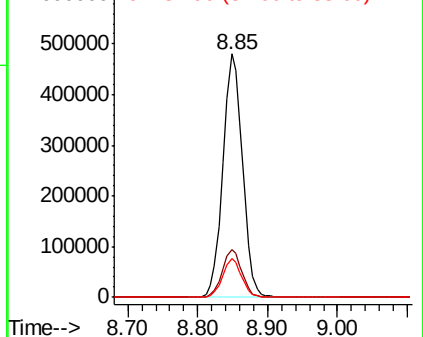
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005117.D
 Acq: 05 Sep 2018 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06

Tot Ion:114 Resp: 934401
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.8 0.0 30.2

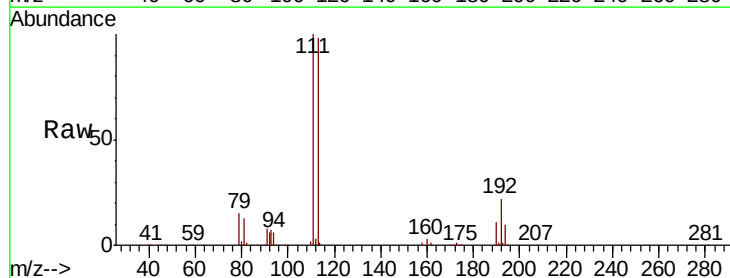


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

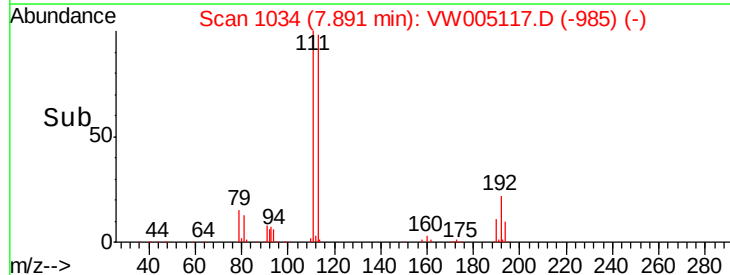
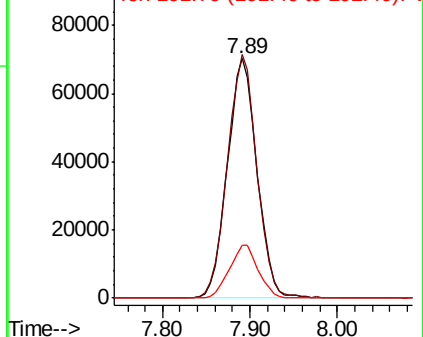


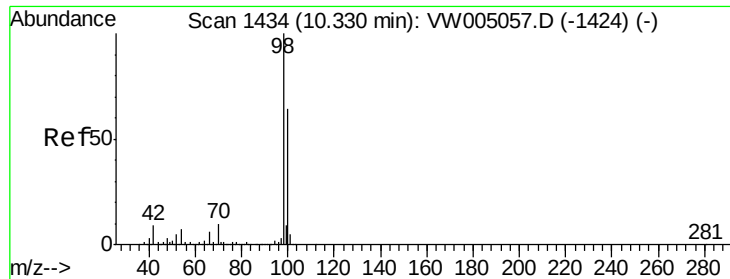
#35
 Dibromofluoromethane
 Concen: 30.61 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005117.D
 Acq: 05 Sep 2018 08:57

Tgt Ion:113 Resp: 165260
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 21.6 18.1 27.1



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

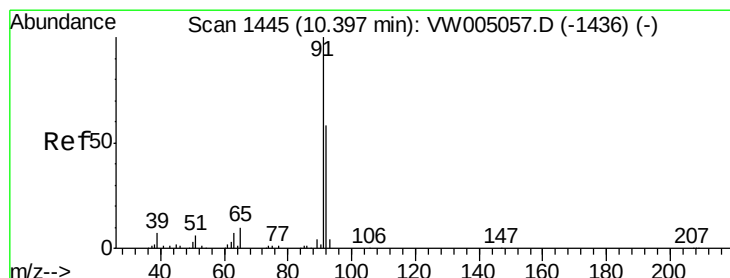
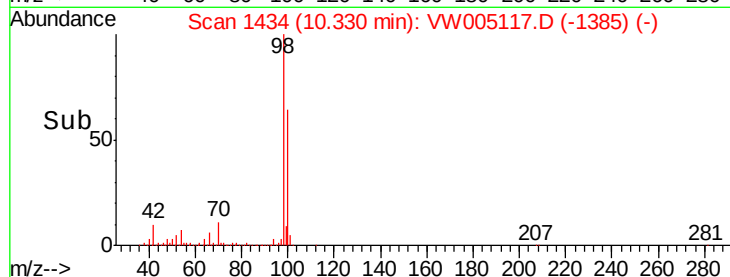
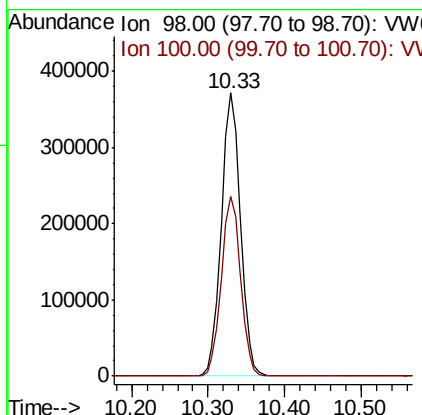
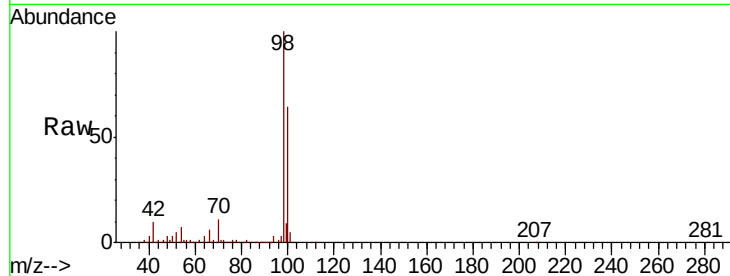




#50
Toluene-d8
Concen: 25.90 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005117.D
Acq: 05 Sep 2018 08:57

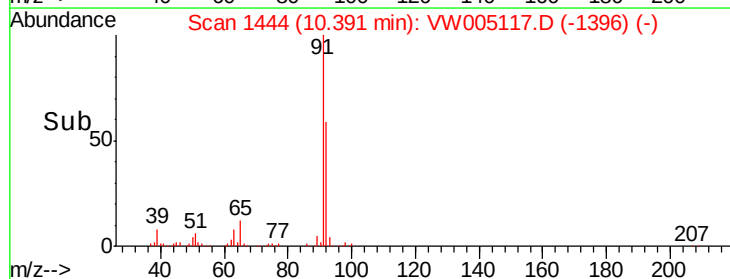
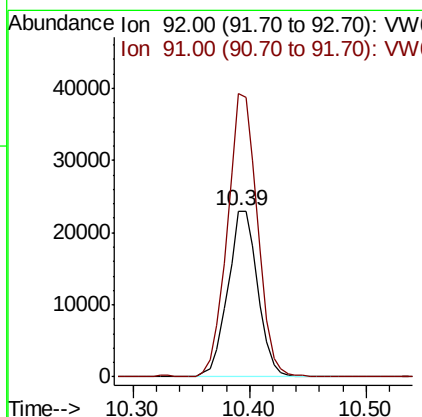
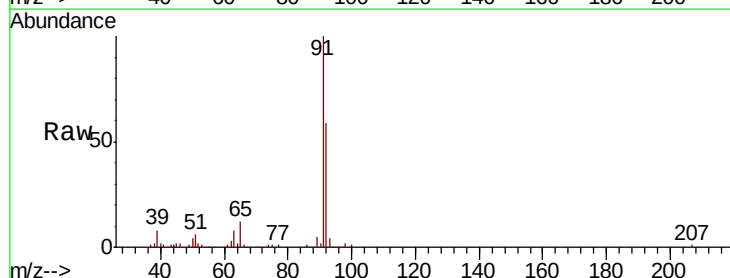
Instrument :
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ClientSampleId :
SB-06

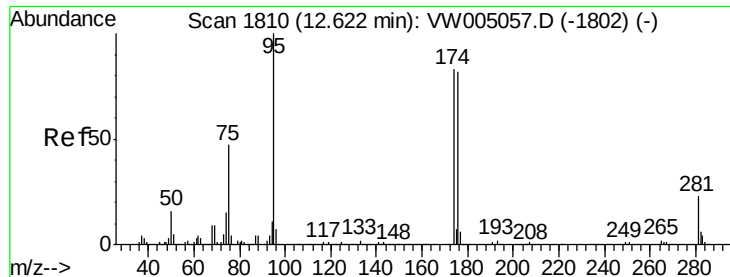
Tot Ion: 98 Resp: 644364
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#52
Toluene
Concen: 2.23 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005117.D
Acq: 05 Sep 2018 08:57

Tgt Ion: 92 Resp: 41187
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8

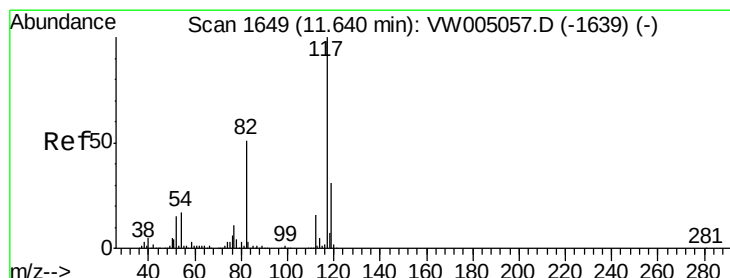
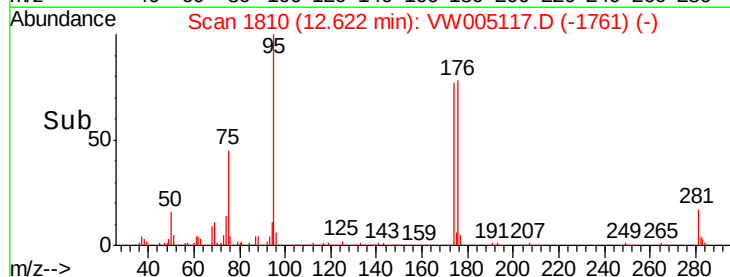
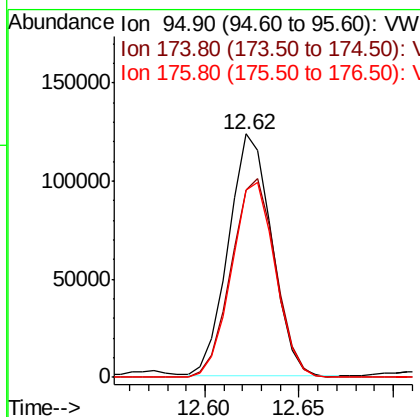
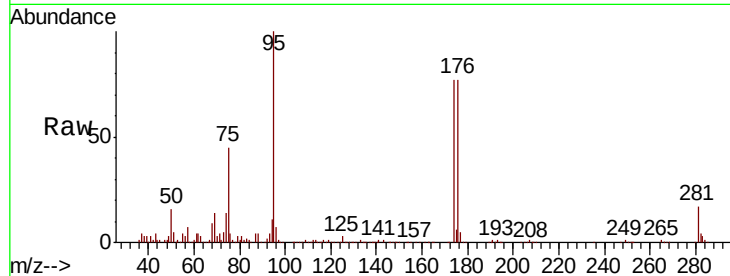




#62
4-Bromofluorobenzene
Concen: 22.41 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW005117.D
Acq: 05 Sep 2018 08:57

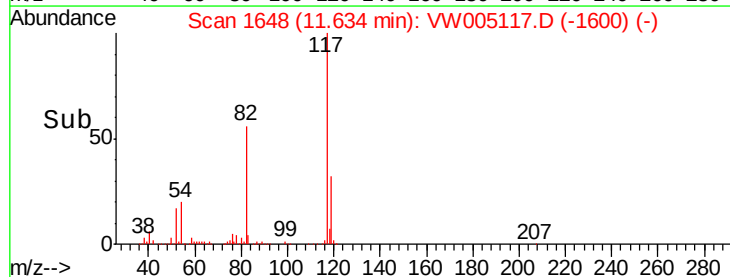
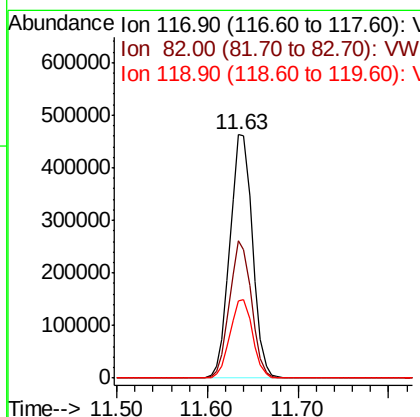
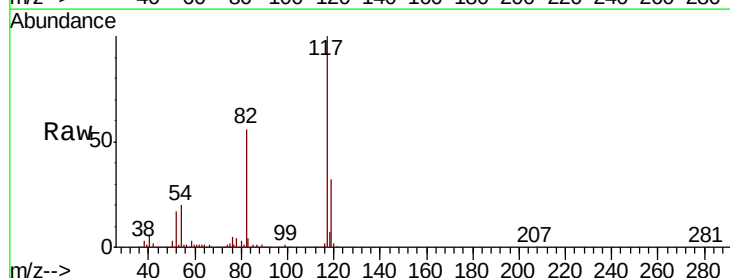
Instrument :
MSVOA_W
ClientSampleId :
SB-06

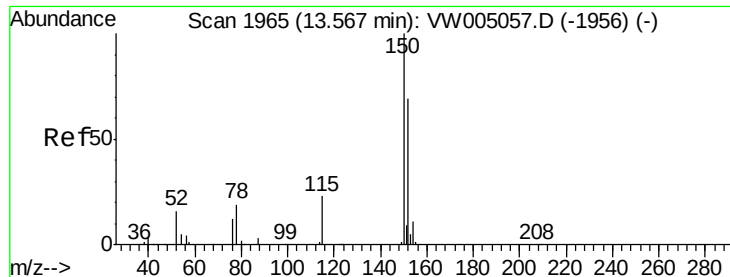
Tot Ion	95	Resp	196580
Ion Ratio	100		
Lower			
Upper			
174	84.3	0.0	173.4
176	81.5	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005117.D
Acq: 05 Sep 2018 08:57

Tgt Ion	117	Resp	801539
Ion Ratio	100		
Lower			
Upper			
82	56.3	40.9	61.3
119	32.0	24.9	37.3

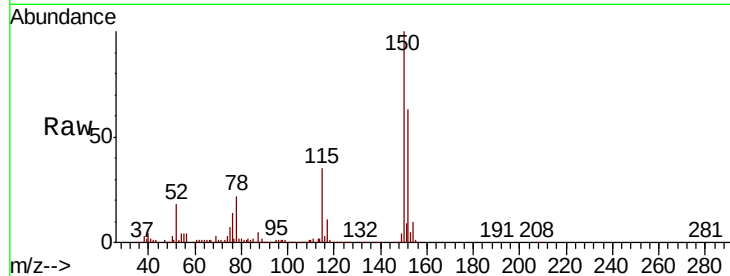




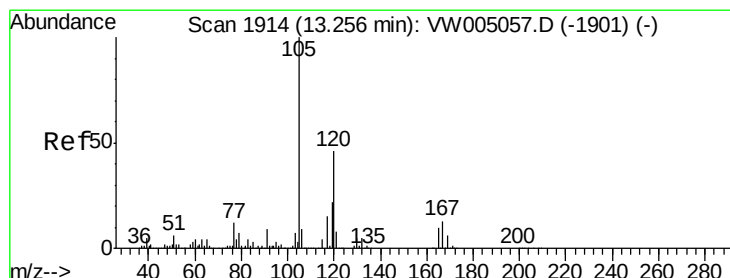
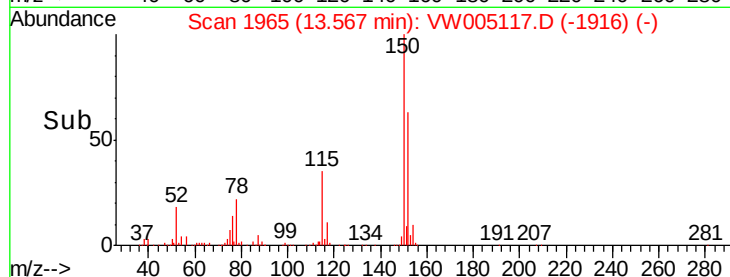
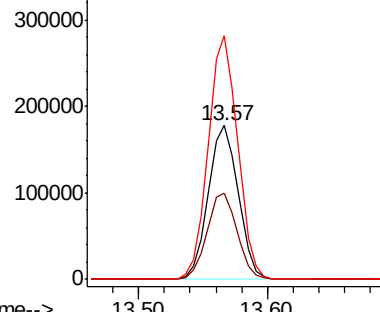
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW005117.D
 Acq: 05 Sep 2018 08:57

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.4
150	155.6	0.0	351.4

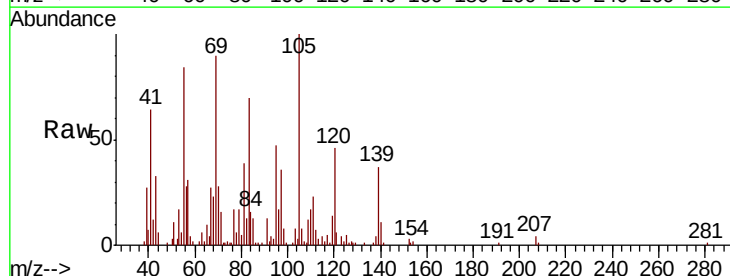


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

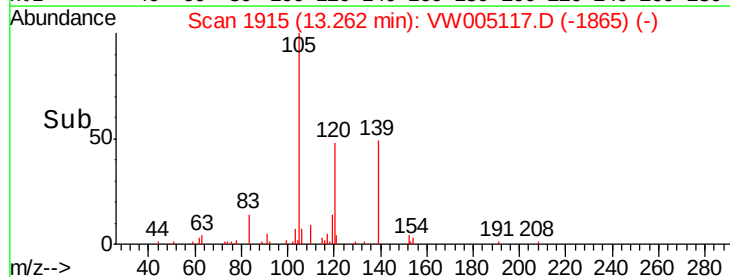
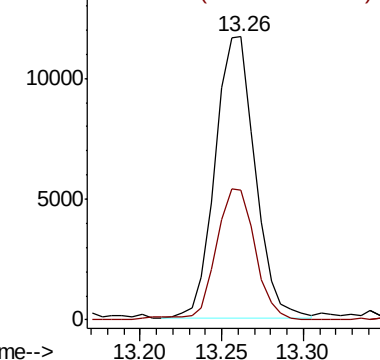


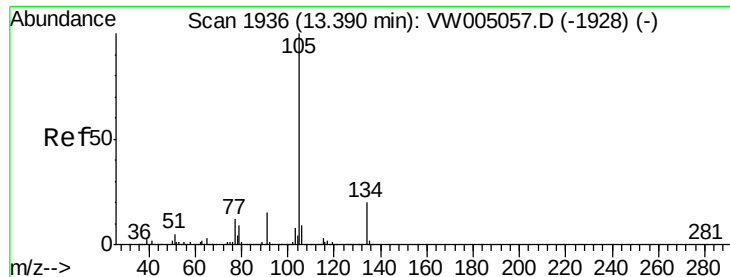
#84
 1,2,4-Trimethylbenzene
 Concen: 1.12 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW005117.D
 Acq: 05 Sep 2018 08:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.17 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Instrument :

MSVOA_W

ClientSampleId :

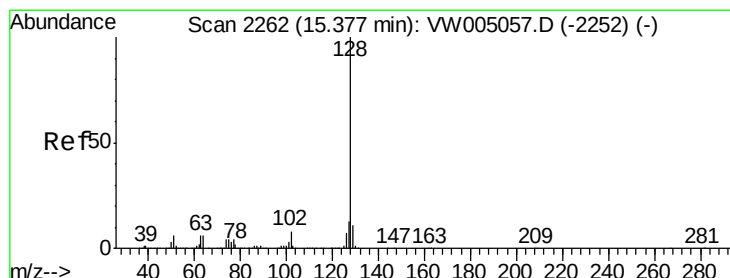
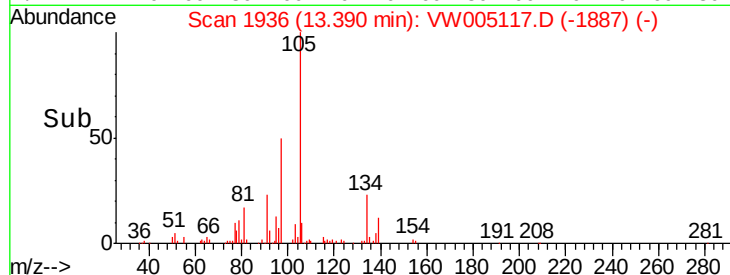
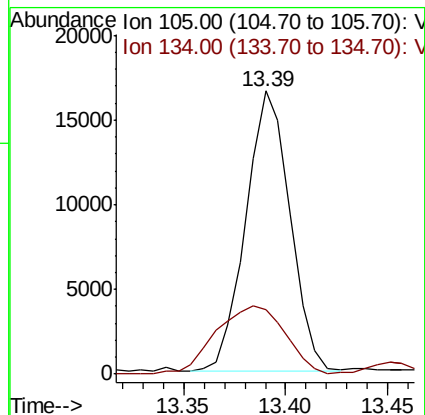
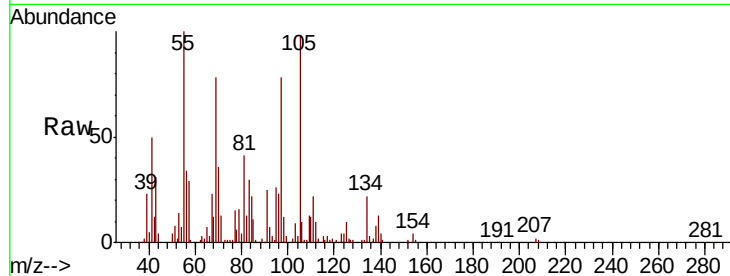
SB-06

Tot Ion:105 Resp: 25027

Ion Ratio Lower Upper

105 100

134 38.2 10.1 30.3#



#95

Naphthalene

Concen: 5.17 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005117.D

Acq: 05 Sep 2018 08:57

Tgt Ion:128 Resp: 13405

Ion Ratio Lower Upper

128 100

127 16.5 10.4 15.6#

129 10.6 8.7 13.1

