

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006204.D
 Acq On : 19 Oct 2018 05:38
 Operator : VA/AP
 Sample : J5565-04RE
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5RE

Quant Time: Oct 19 08:20:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	149664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	220320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43945	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	80499	64.88	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.88	113	67202	51.62	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.32	98	215145	43.44	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	55561	29.87	ug/l	0.00
Spiked Amount						

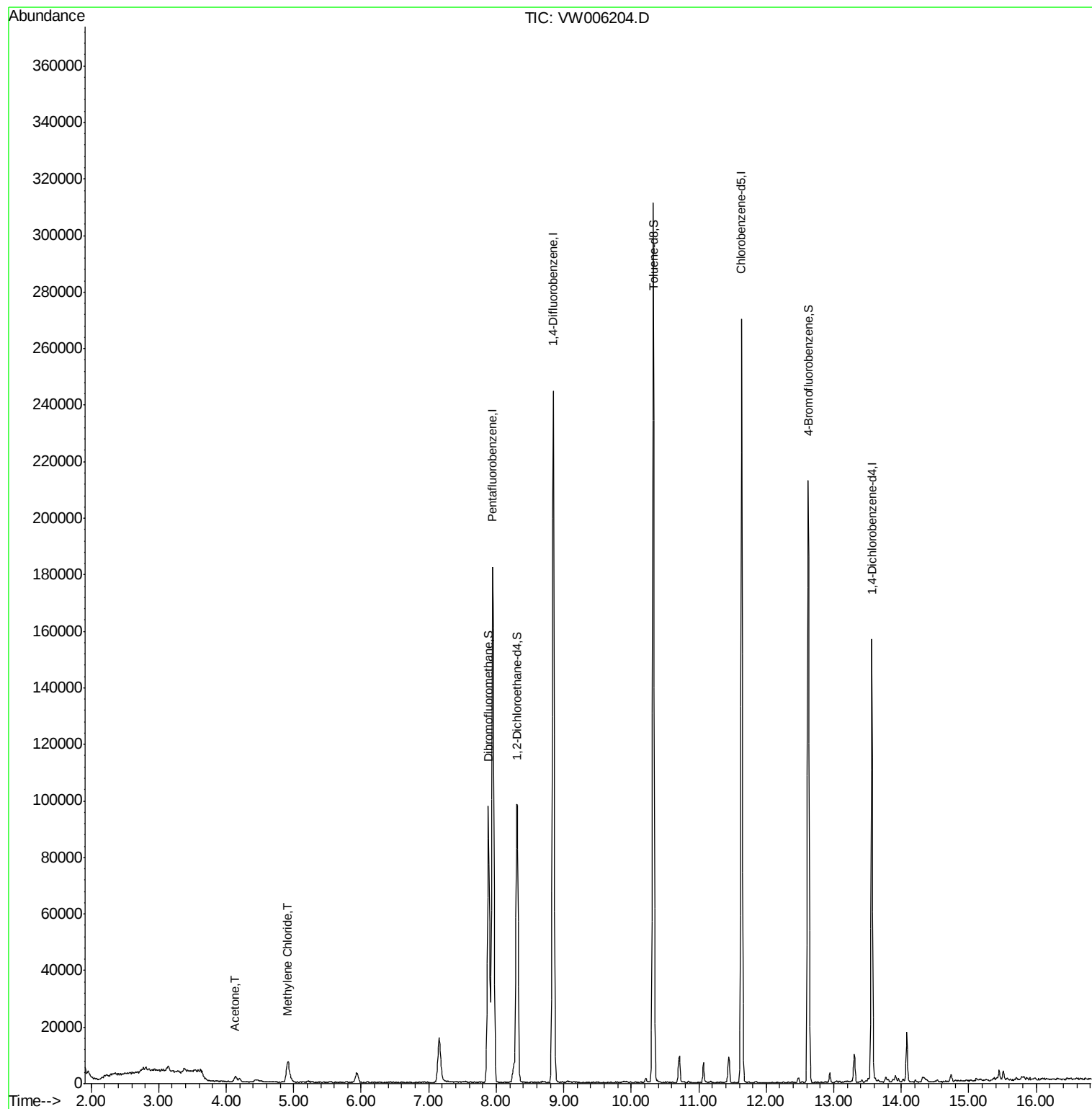
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3816	1.69	ug/l	90
20) Methylene Chloride	4.91	84	6579	3.50	ug/l	94

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006204.D

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Instrument :

MSVOA_W

ClientSampleId :

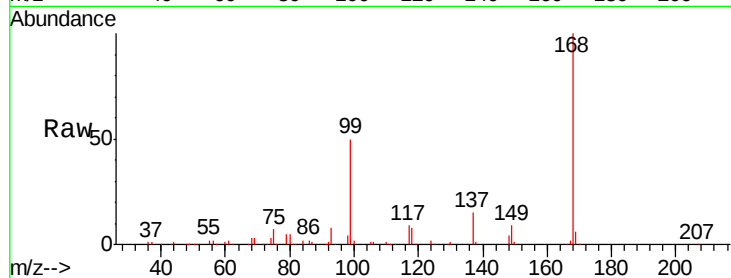
RLF-SD-5RE

Tgt Ion:168 Resp: 149664

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

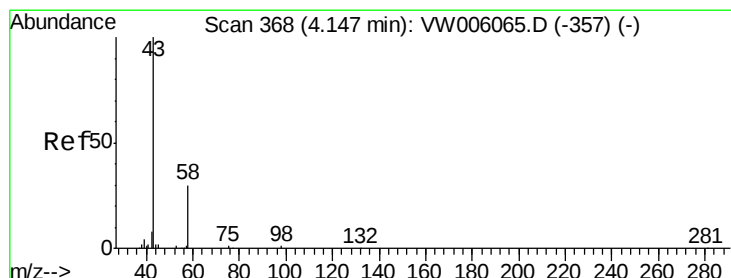
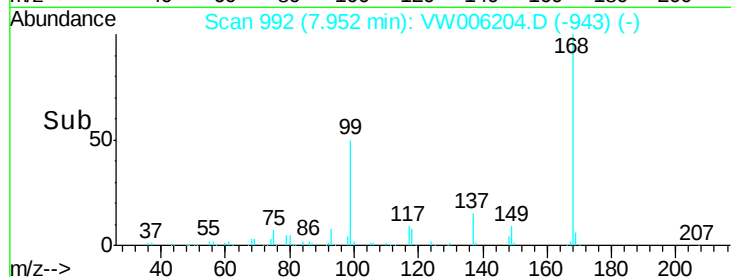
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 1.69 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006204.D

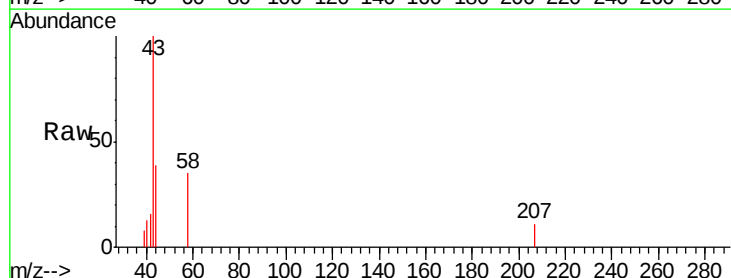
Acq: 19 Oct 2018 05:38

Tgt Ion: 43 Resp: 3816

Ion Ratio Lower Upper

43 100

58 35.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

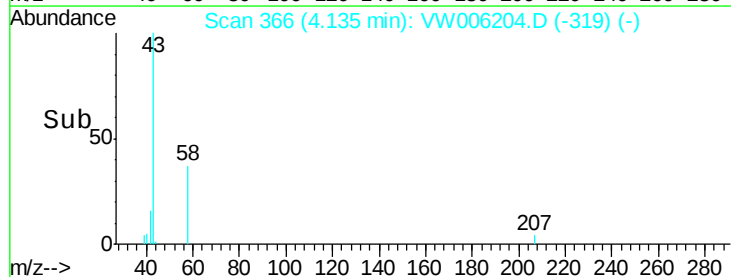
1000

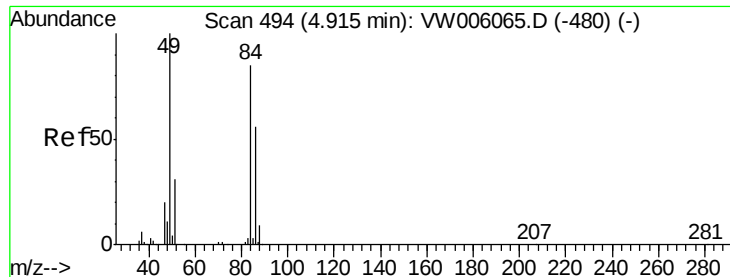
500

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 3.50 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006204.D

Acq: 19 Oct 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-5RE

Tgt Ion: 84 Resp: 6579

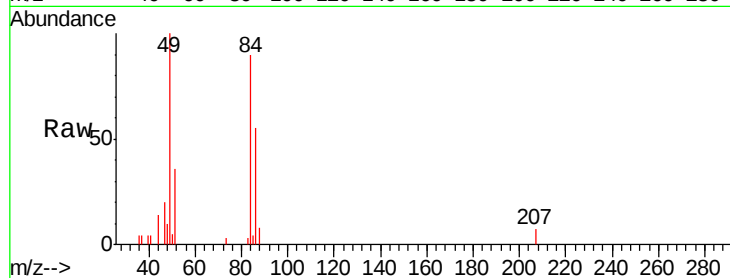
Ion Ratio Lower Upper

84 100

49 111.1 93.6 140.4

51 40.0 29.0 43.4

86 61.2 52.6 79.0

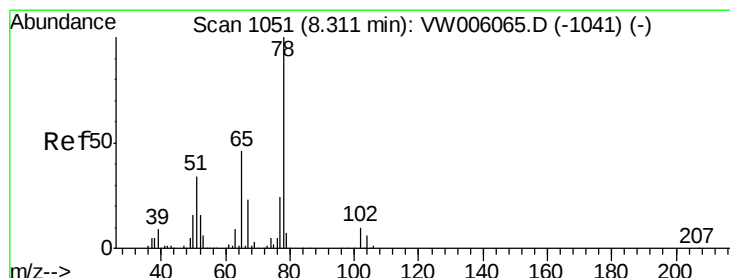
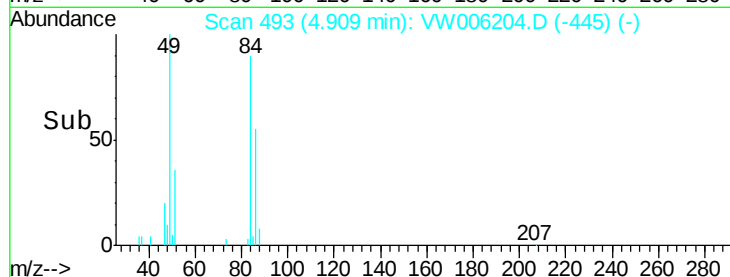
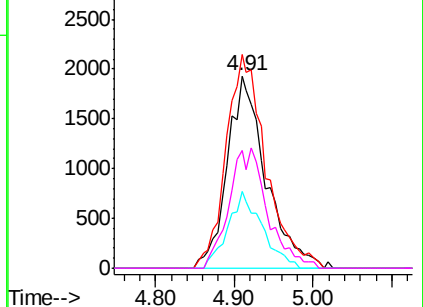


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 64.88 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006204.D

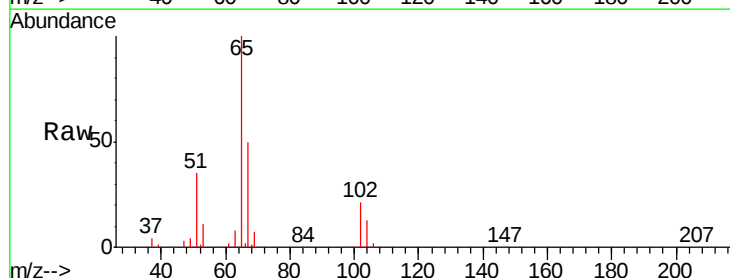
Acq: 19 Oct 2018 05:38

Tgt Ion: 65 Resp: 80499

Ion Ratio Lower Upper

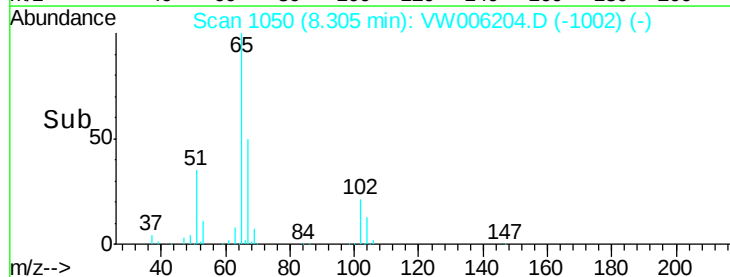
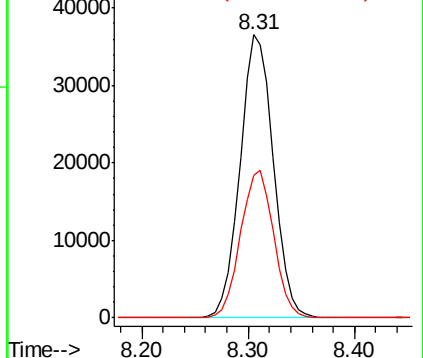
65 100

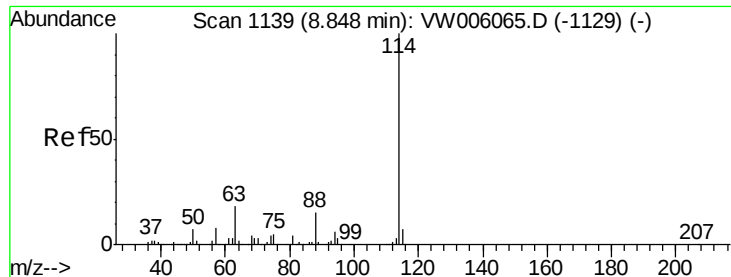
67 51.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006204.D

Acq: 19 Oct 2018 05:38

Instrument :

MSVOA_W

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RLF-SD-5RE

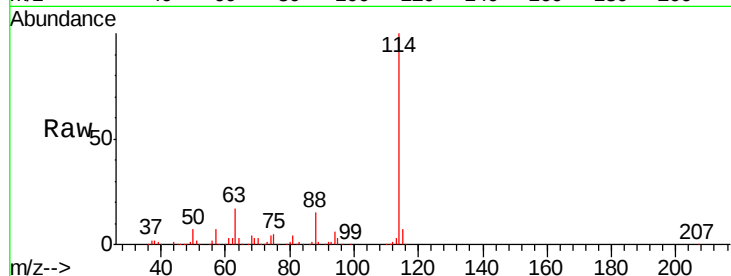
Tgt Ion:114 Resp: 220320

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.8

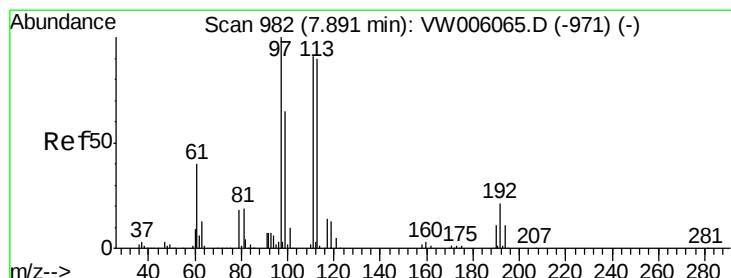
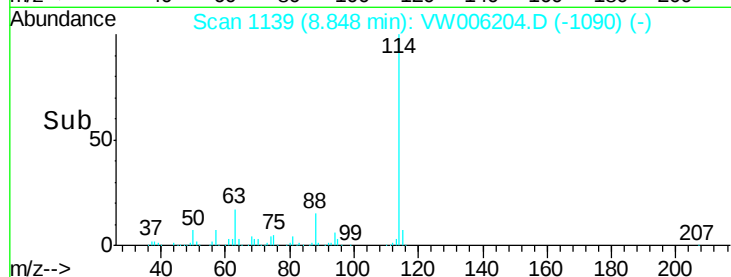
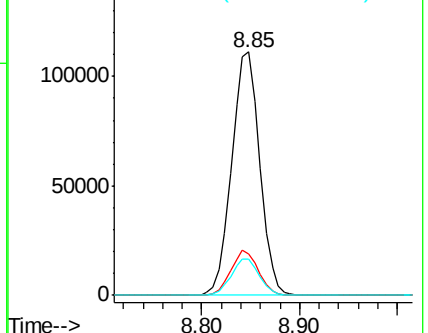
88 15.0 0.0 29.0



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: 51.62 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006204.D

Acq: 19 Oct 2018 05:38

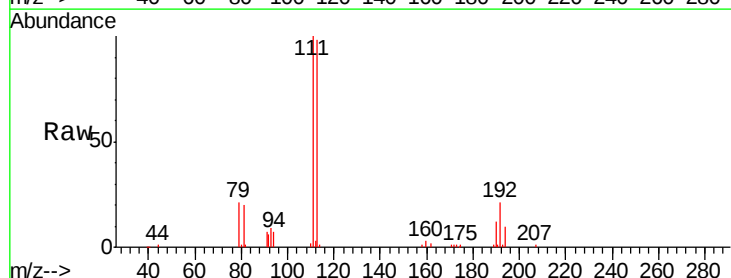
Tgt Ion:113 Resp: 67202

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

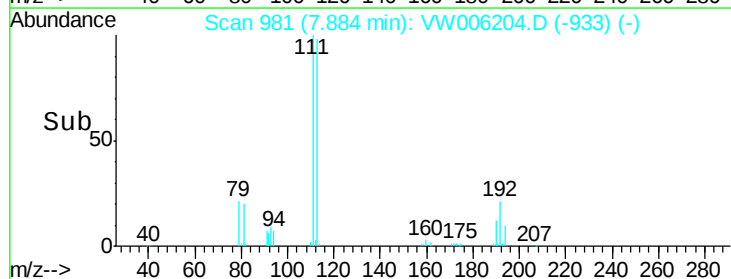
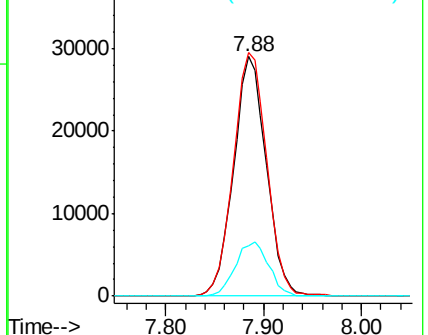
192 22.9 18.7 28.1

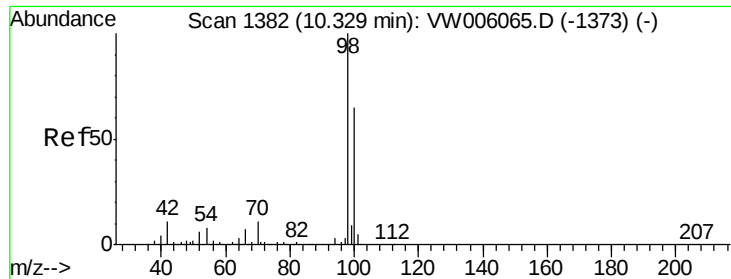


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.44 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006204.D

Acq: 19 Oct 2018 05:38

Instrument :

MSVOA_W

ClientSampleId :

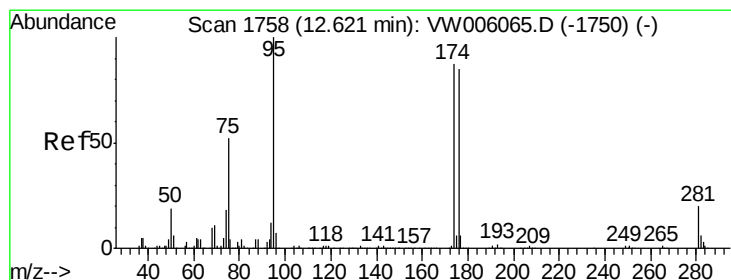
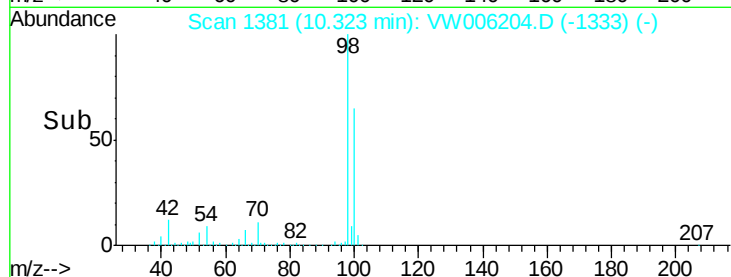
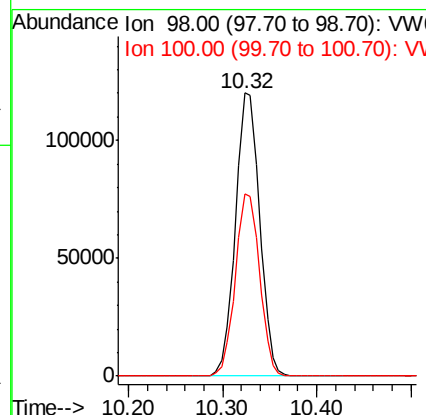
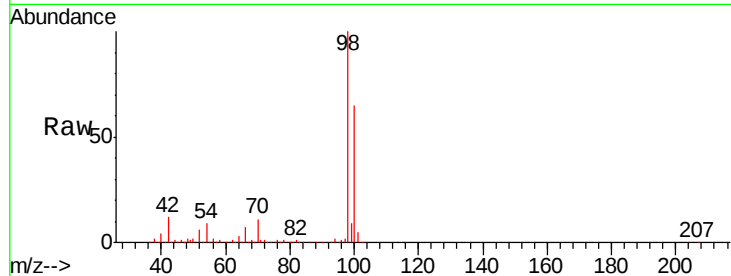
RLF-SD-5RE

Tgt Ion: 98 Resp: 215145

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 29.87 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006204.D

Acq: 19 Oct 2018 05:38

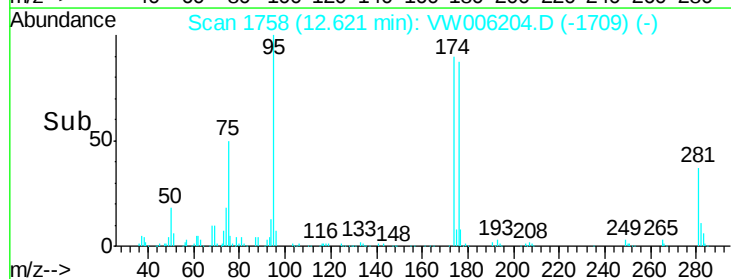
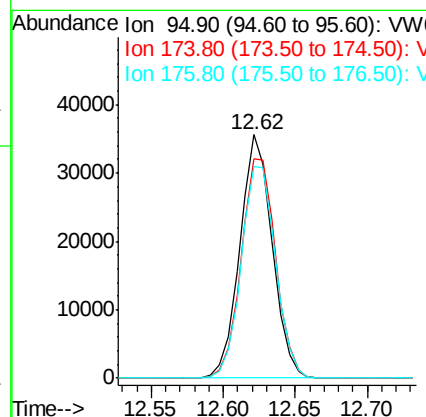
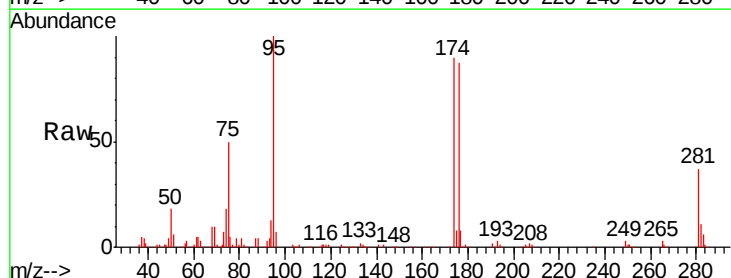
Tgt Ion: 95 Resp: 55561

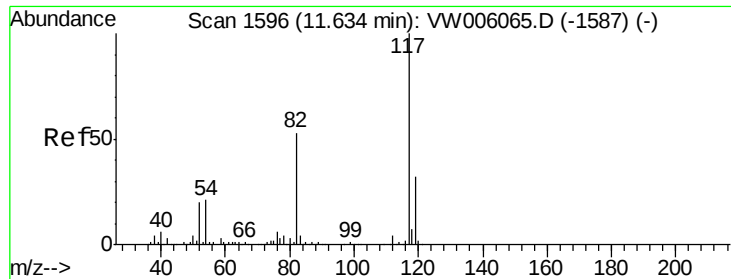
Ion Ratio Lower Upper

95 100

174 95.4 0.0 186.0

176 92.2 0.0 181.6

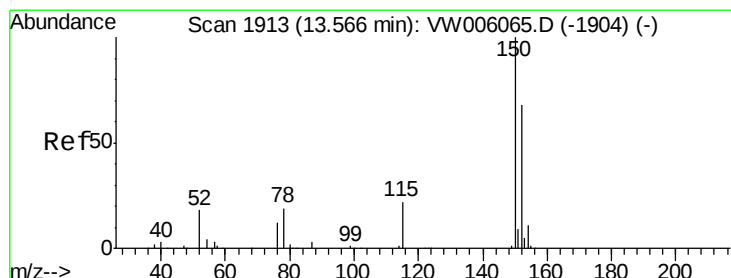
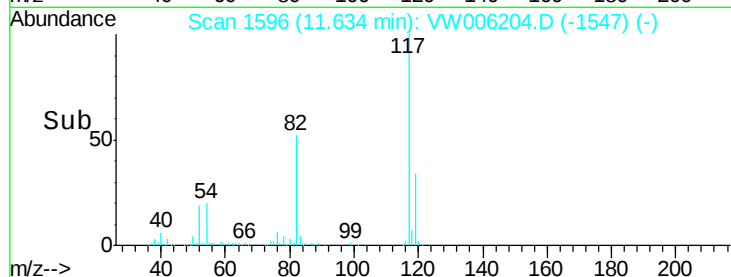
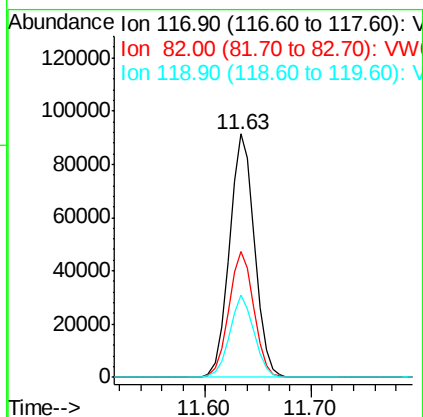
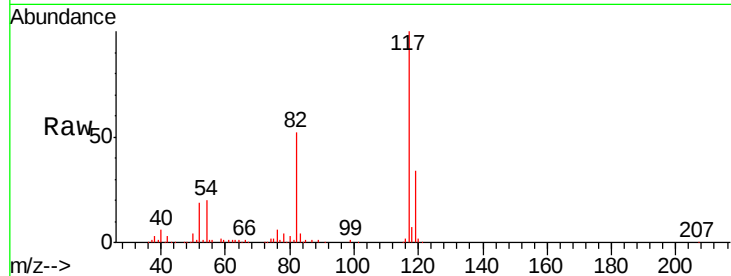




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006204.D
Acq: 19 Oct 2018 05:38

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-5RE

Tgt Ion:117 Resp: 150504
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 34.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006204.D
Acq: 19 Oct 2018 05:38

Tgt Ion:152 Resp: 43945
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 157.0 0.0 349.2

