

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004843.D
 Acq On : 21 Aug 2018 16:02
 Operator : SY/AP
 Sample : J4539-02RE
 Misc : 7.13G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-RO-27186RE

Quant Time: Aug 22 05:54:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	425553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	671815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122059	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	244615	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
35) Dibromofluoromethane	7.88	113	237882	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.33	98	731084	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.62	95	162196	26.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.80%	

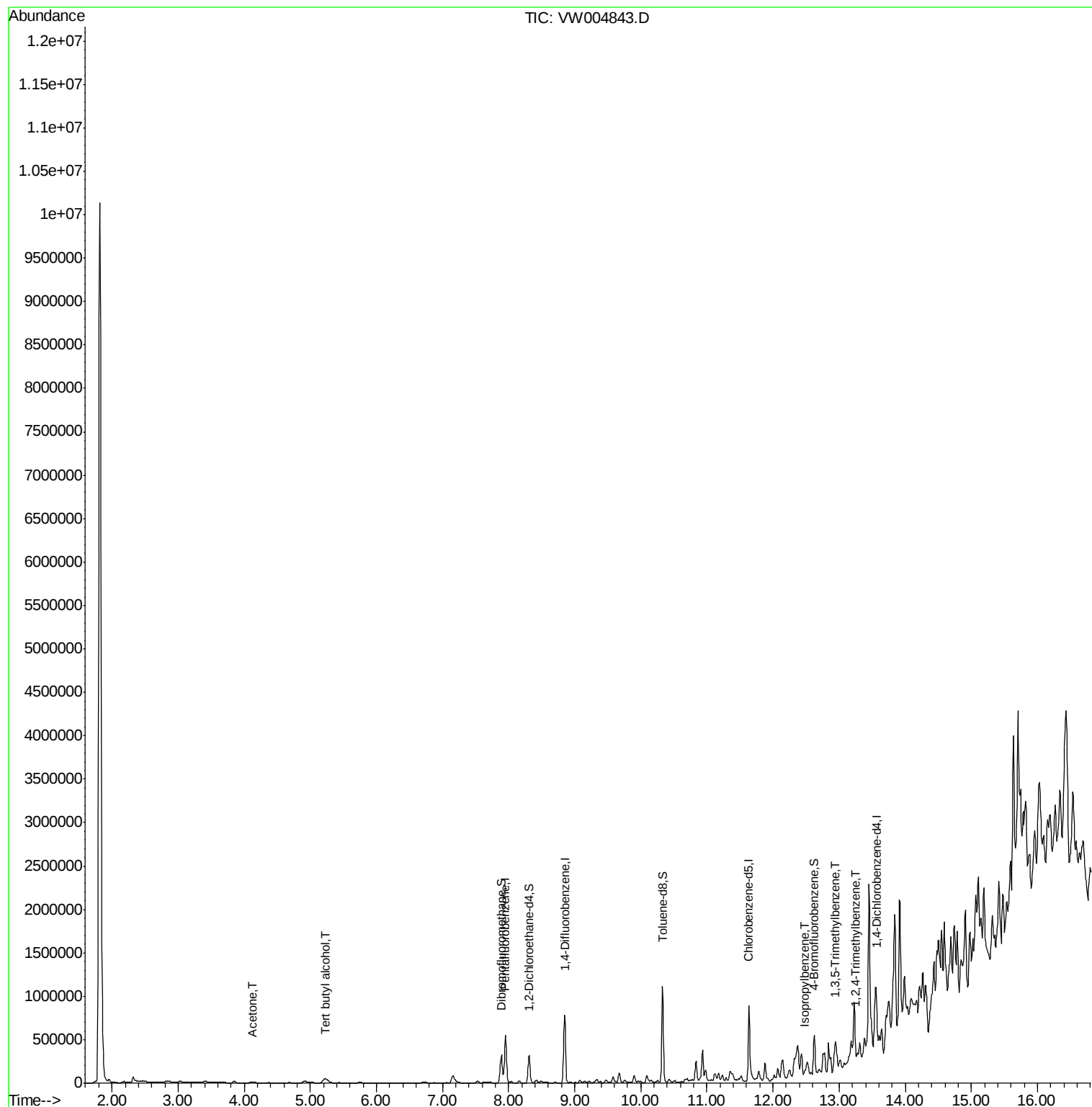
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	132408	576.05	ug/l	100
16) Acetone	4.14	43	24983	23.79	ug/l	96
73) Isopropylbenzene	12.47	105	16857	2.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	17623	2.50	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	29096	4.01	ug/l	99

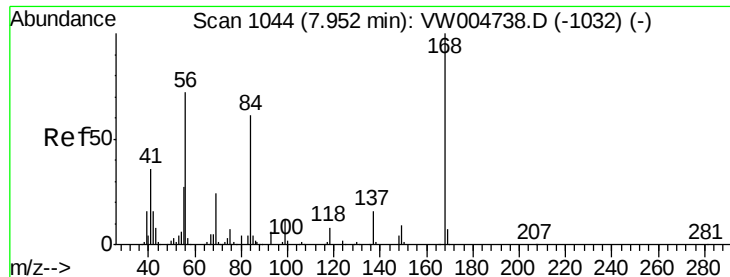
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

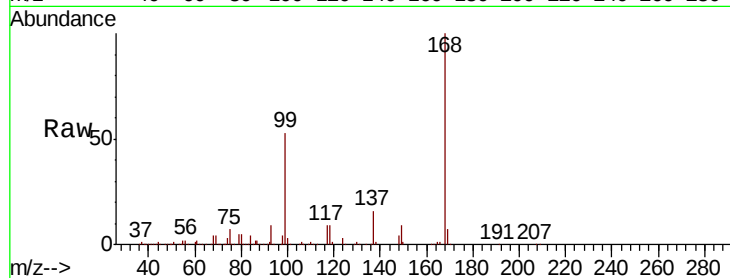
MS-RO-27186RE

Tot Ion:168 Resp: 425553

Ion Ratio Lower Upper

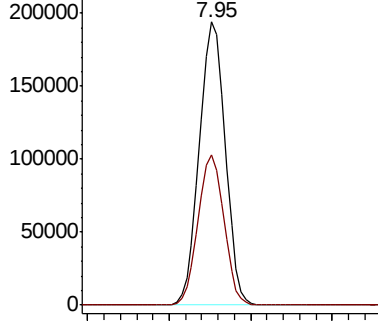
168 100

99 52.9 41.0 61.4

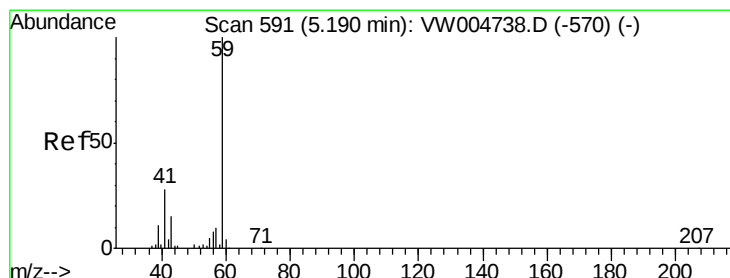
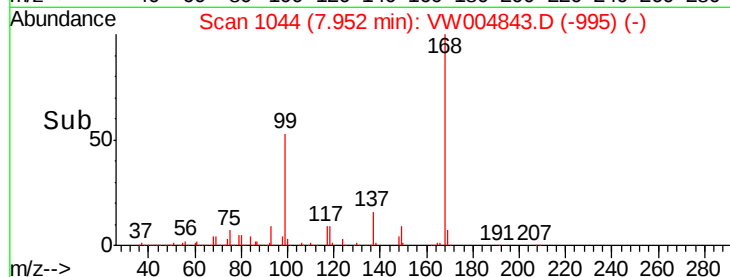


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#11

Tert butyl alcohol

Concen: 576.05 ug/l

RT: 5.23 min Scan# 597

Delta R.T. 0.04 min

Lab File: VW004843.D

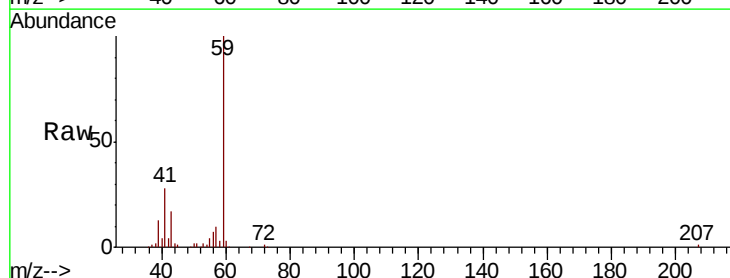
Acq: 21 Aug 2018 16:02

Tgt Ion: 59 Resp: 132408

Ion Ratio Lower Upper

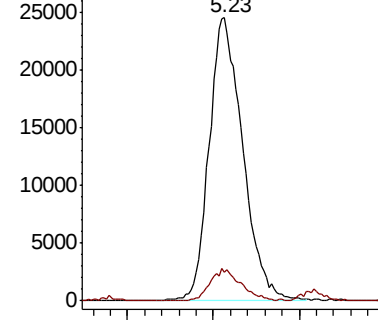
59 100

57 10.4 8.4 12.6

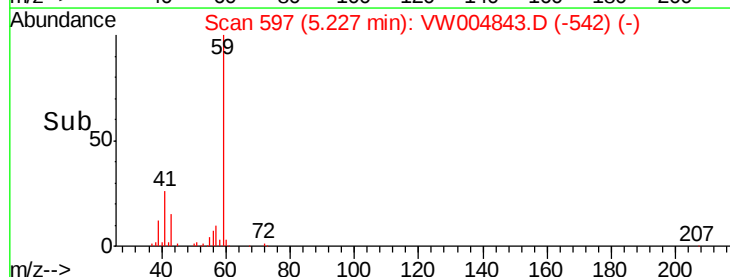


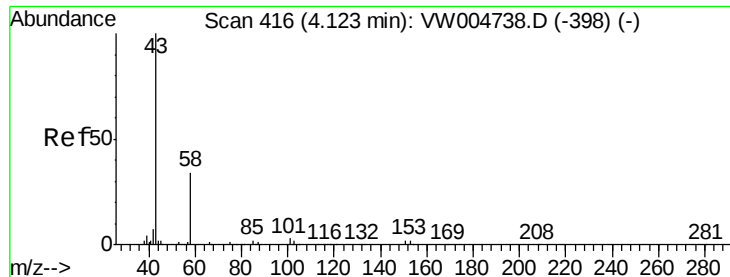
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->





#16

Acetone

Concen: 23.79 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

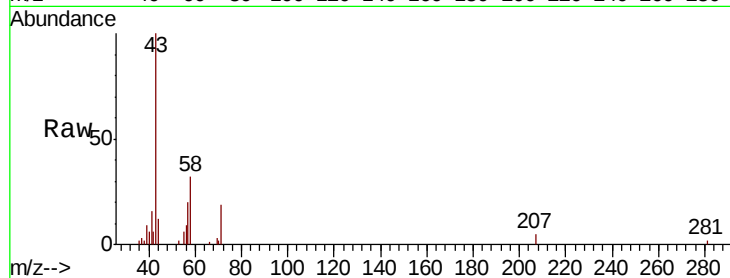
MS-RO-27186RE

Tot Ion: 43 Resp: 24983

Ion Ratio Lower Upper

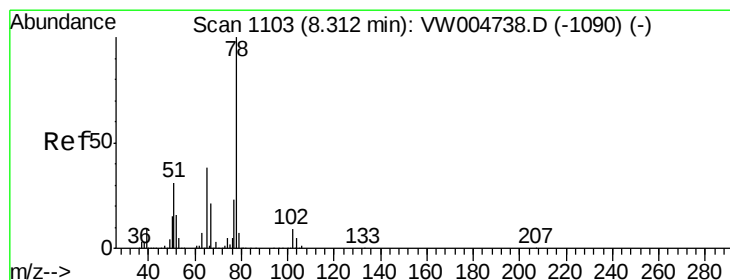
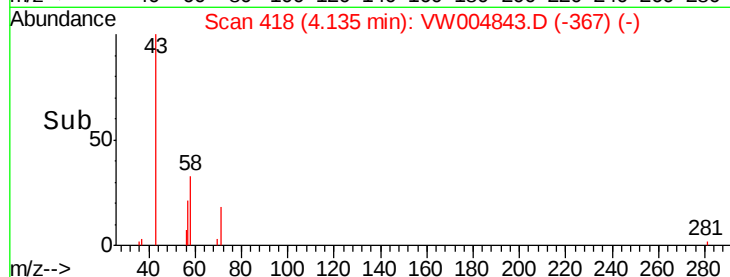
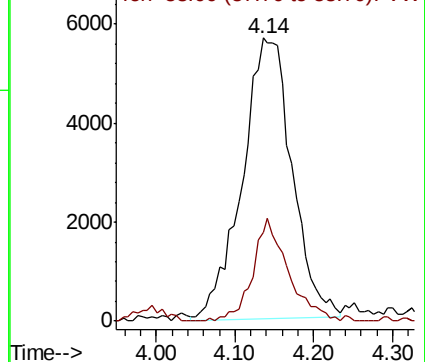
43 100

58 32.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.46 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004843.D

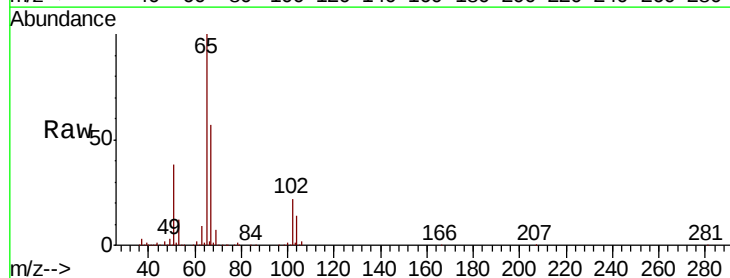
Acq: 21 Aug 2018 16:02

Tgt Ion: 65 Resp: 244615

Ion Ratio Lower Upper

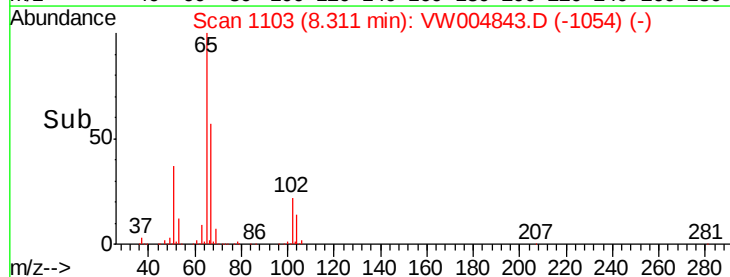
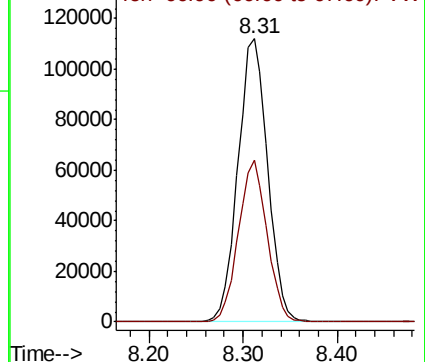
65 100

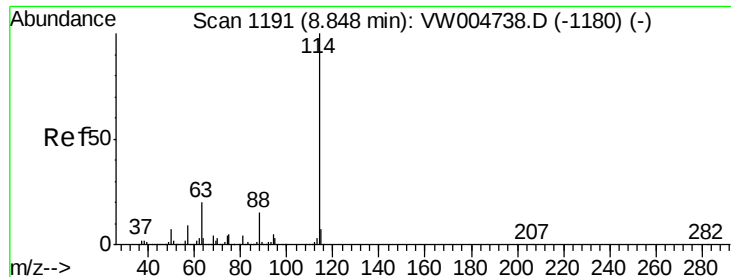
67 55.2 0.0 109.4



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# 1191

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

MS-RO-27186RE

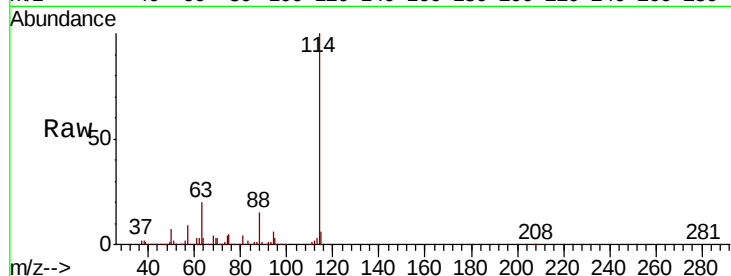
Tot Ion:114 Resp: 671815

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

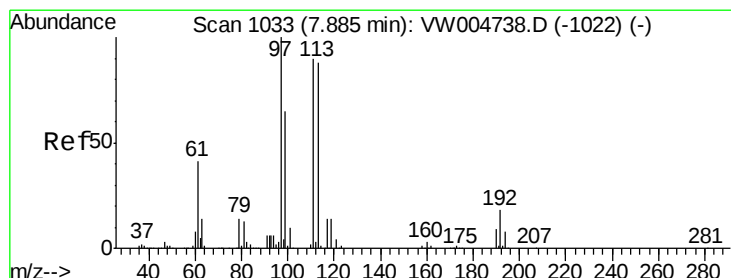
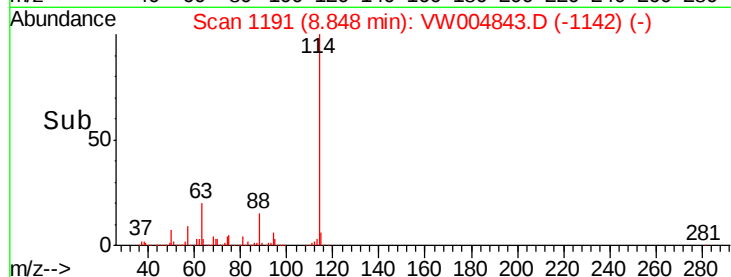
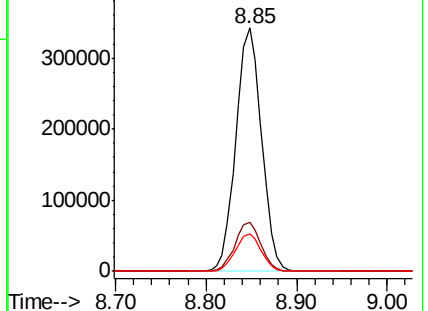
88 15.3 0.0 30.0



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: 55.40 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

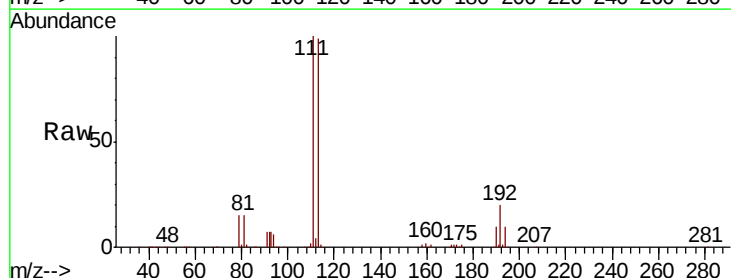
Tgt Ion:113 Resp: 237882

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

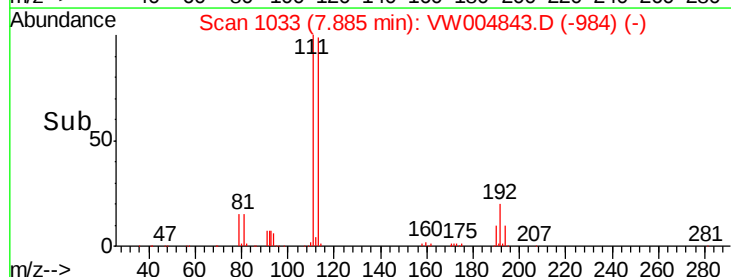
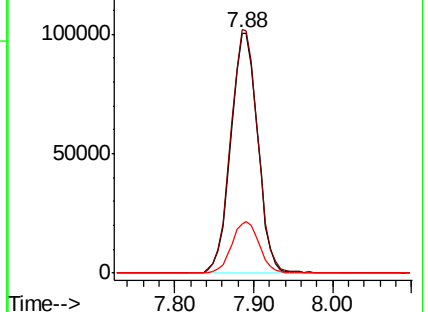
192 21.5 16.7 25.1

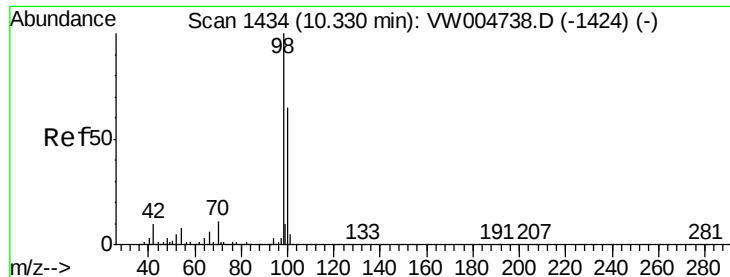


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.62 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

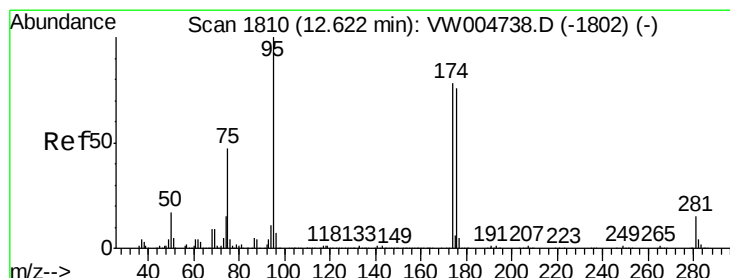
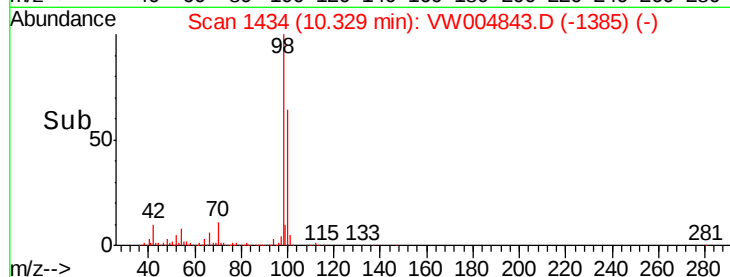
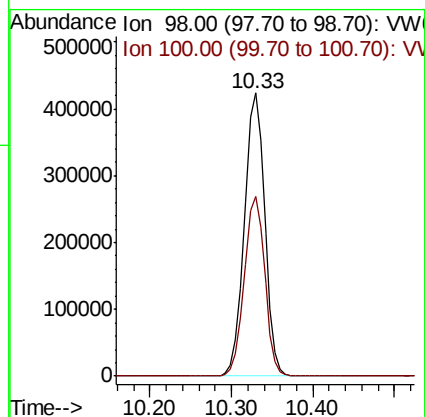
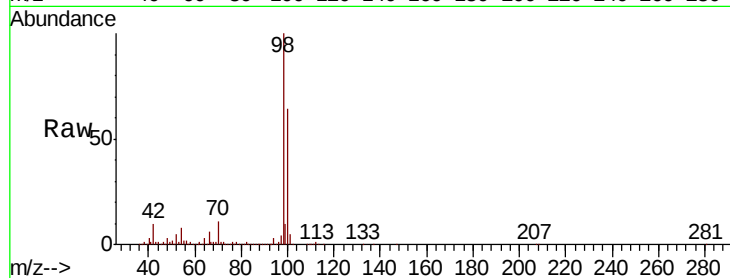
MS-RO-27186RE

Tot Ion: 98 Resp: 731084

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 26.90 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

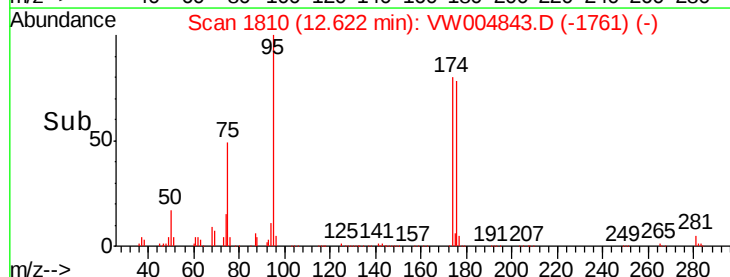
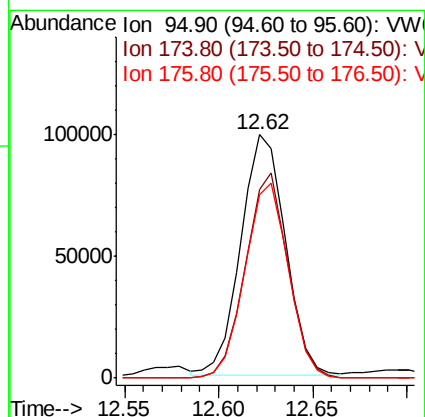
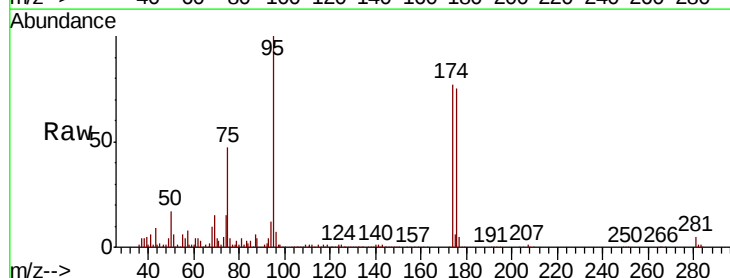
Tgt Ion: 95 Resp: 162196

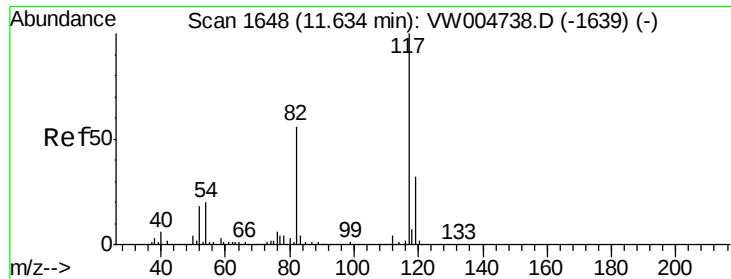
Ion Ratio Lower Upper

95 100

174 81.6 0.0 165.8

176 79.2 0.0 159.8

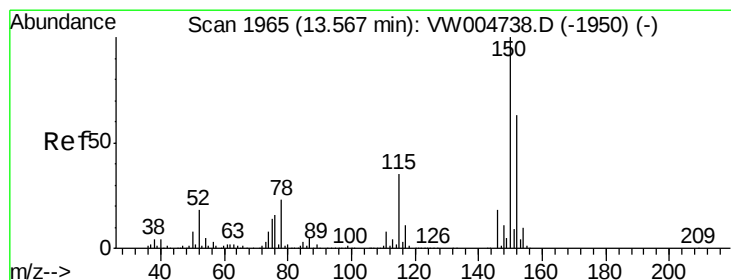
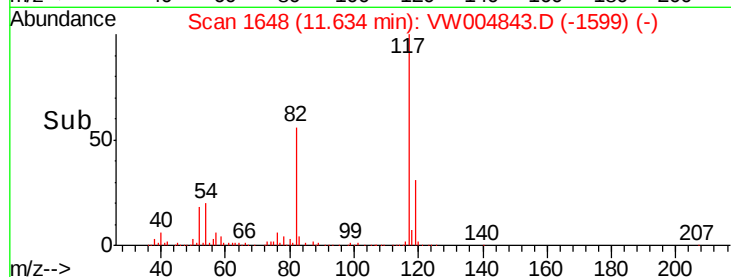
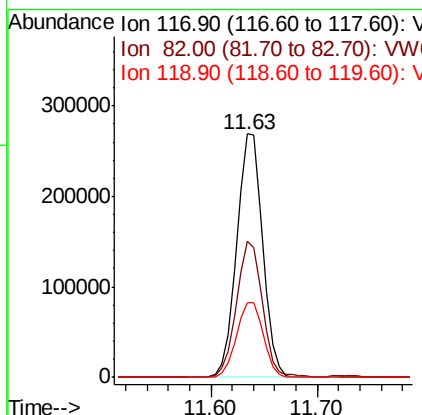
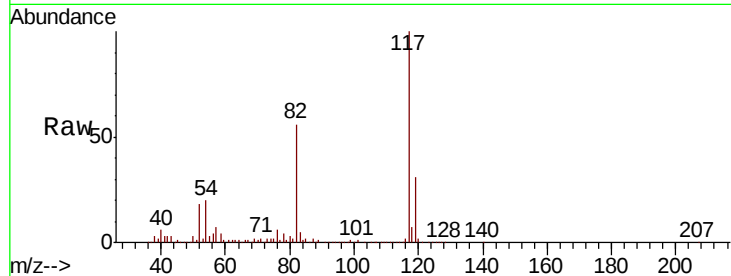




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004843.D
Acq: 21 Aug 2018 16:02

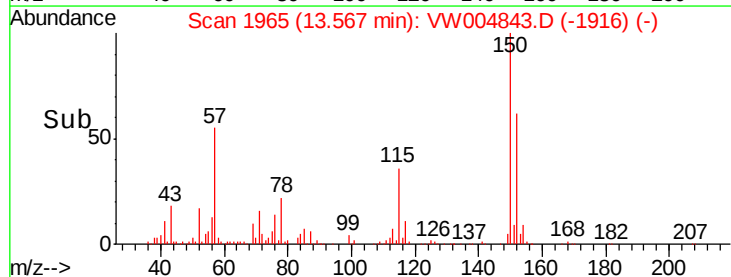
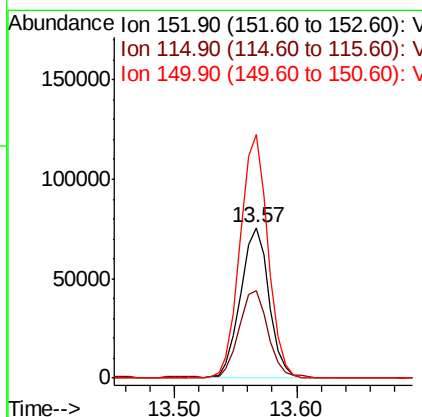
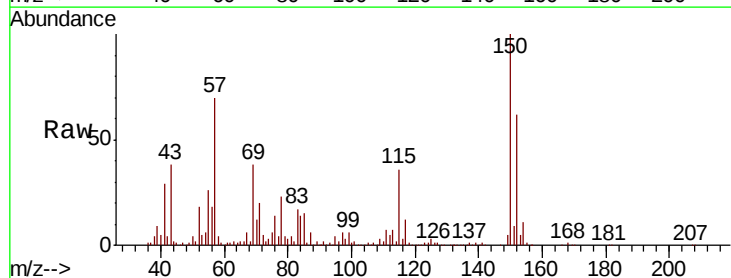
Instrument :
MSVOA_W
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MS-RO-27186RE

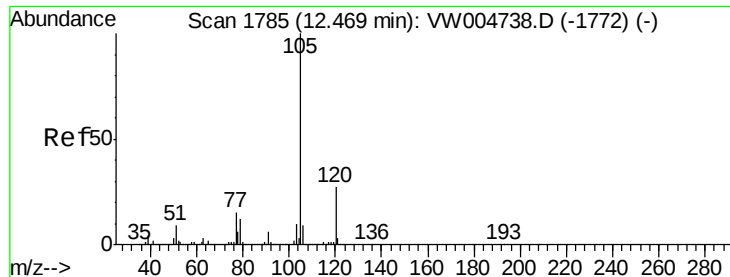
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	67.0
119	30.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004843.D
Acq: 21 Aug 2018 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.5	85.5
150	158.0	0.0	344.8





#73

Isopropylbenzene

Concen: 2.03 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004843.D

Acq: 21 Aug 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

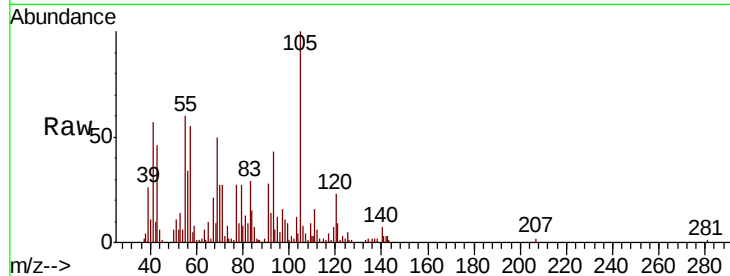
MS-RO-27186RE

Tot Ion:105 Resp: 16857

Ion Ratio Lower Upper

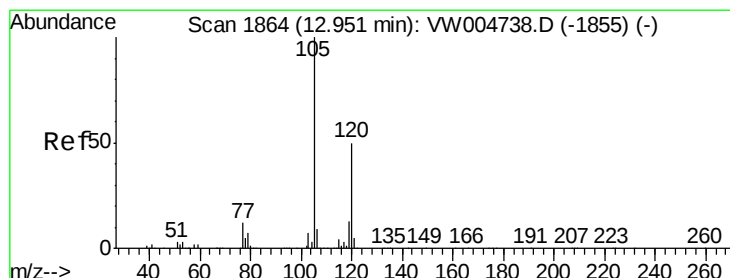
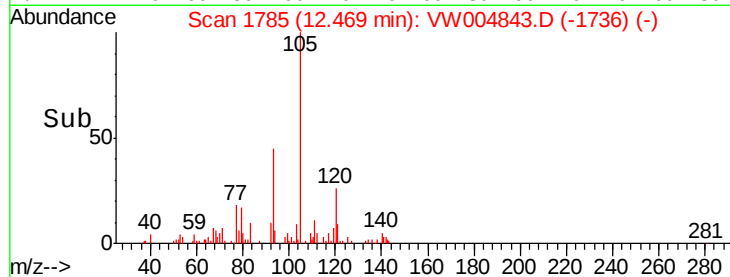
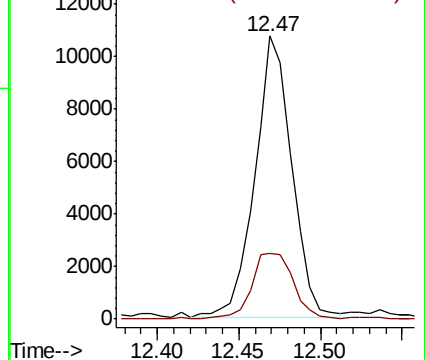
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.50 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004843.D

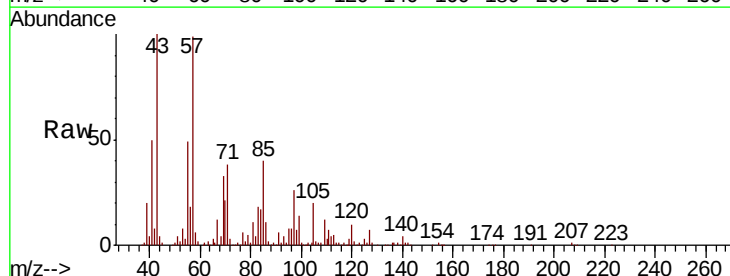
Acq: 21 Aug 2018 16:02

Tgt Ion:105 Resp: 17623

Ion Ratio Lower Upper

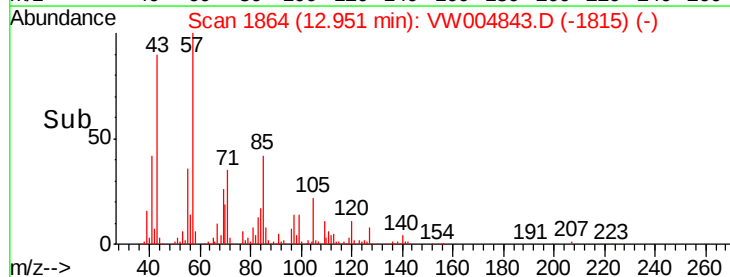
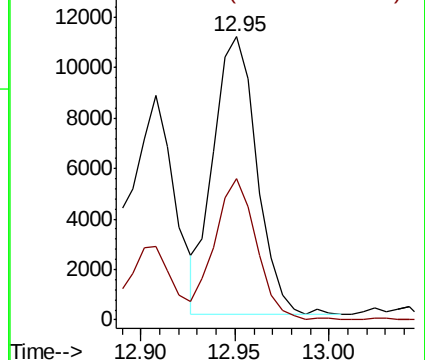
105 100

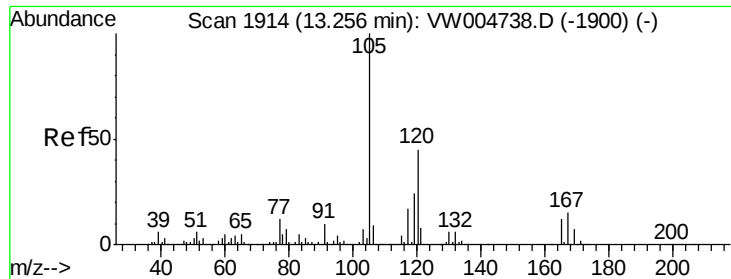
120 49.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 4.01 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004843.D
 Acq: 21 Aug 2018 16:02

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-RO-27186RE

Tot Ion:105 Resp: 29096
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.8 68.3

