

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004830.D
 Acq On : 21 Aug 2018 09:43
 Operator : SY/AP
 Sample : J4511-09RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081518-FL-031RE

Quant Time: Aug 21 11:48:09 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	374466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	581176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	418920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	142780	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	231362	63.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.82%	
35) Dibromofluoromethane	7.89	113	224672	60.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.98%	
50) Toluene-d8	10.33	98	654010	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.62	95	155260	29.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.52%	

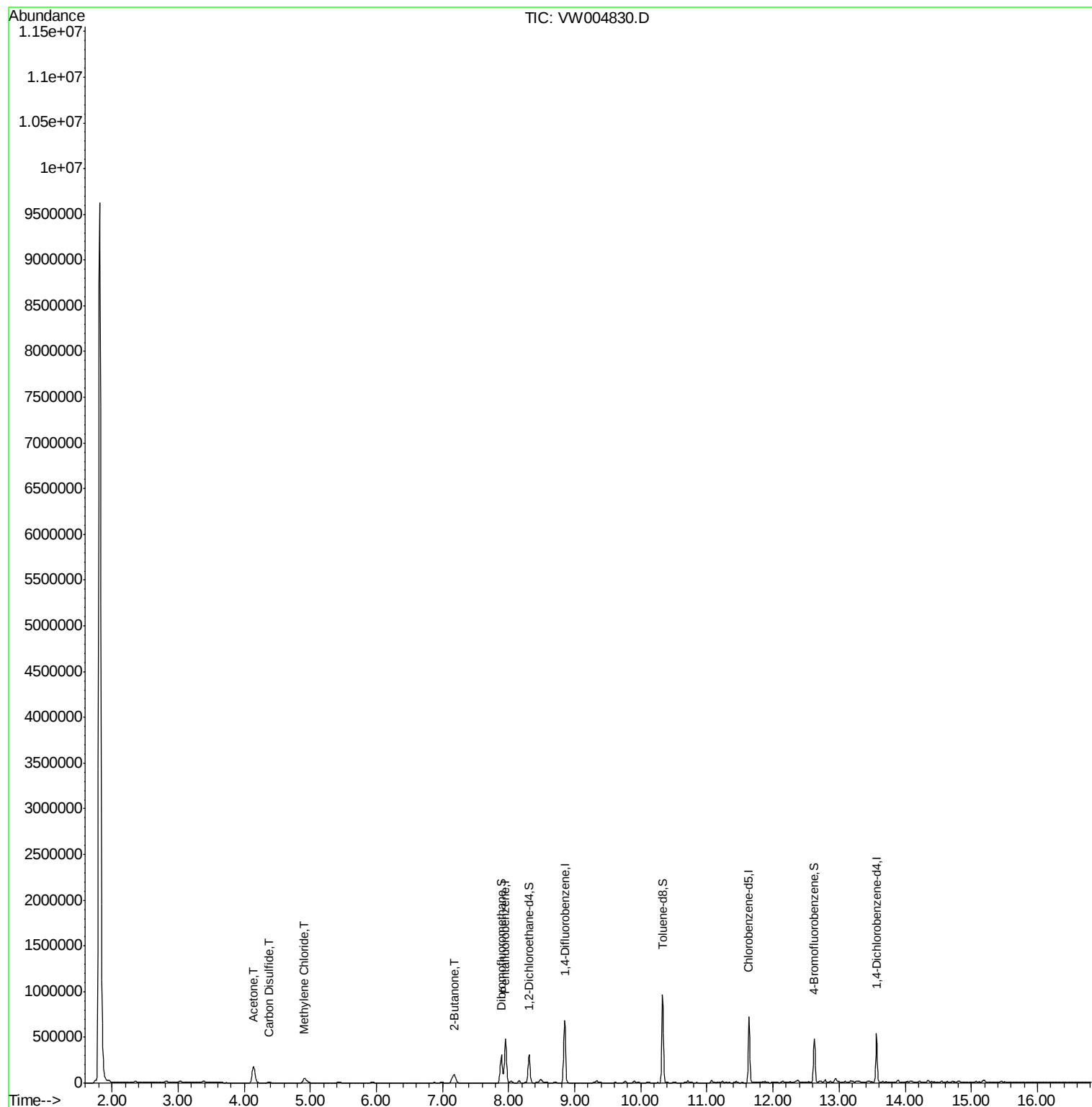
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	349376	378.04	ug/l	98
17) Carbon Disulfide	4.37	76	25290	1.99	ug/l #	92
20) Methylene Chloride	4.92	84	40809	5.86	ug/l	98
25) 2-Butanone	7.18	43	110030	83.56	ug/l	98

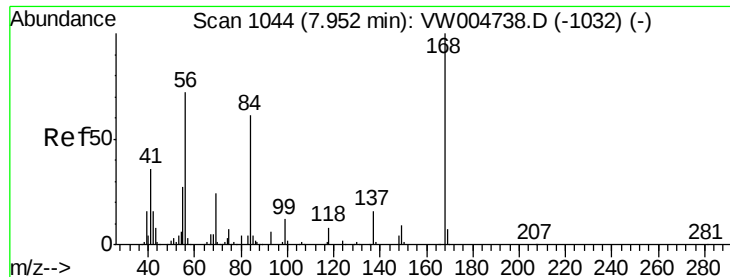
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW004830.D

Acq: 21 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

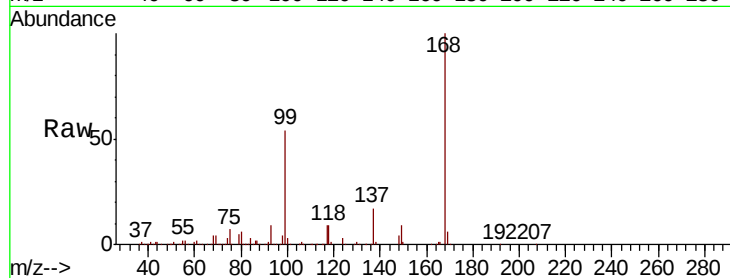
RA-081518-FL-031RE

Tot Ion:168 Resp: 374466

Ion Ratio Lower Upper

168 100

99 54.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

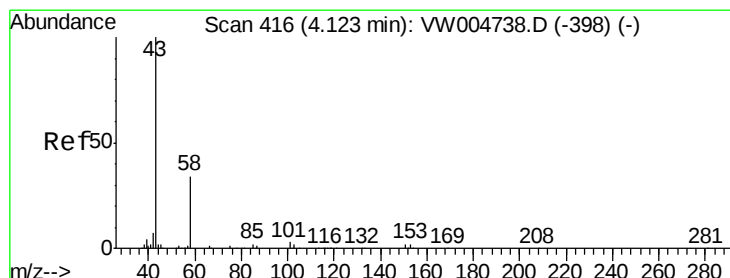
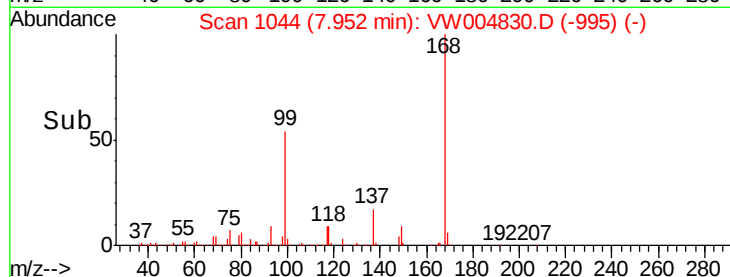
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 378.04 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004830.D

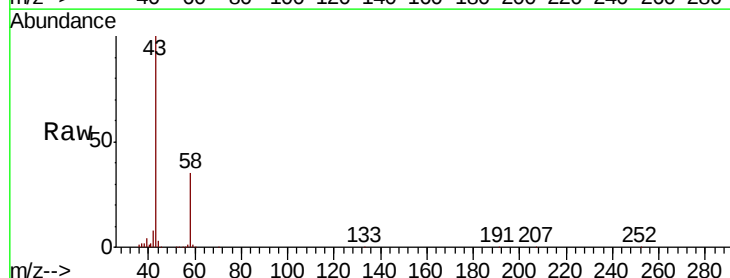
Acq: 21 Aug 2018 09:43

Tgt Ion: 43 Resp: 349376

Ion Ratio Lower Upper

43 100

58 35.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

120000

100000

80000

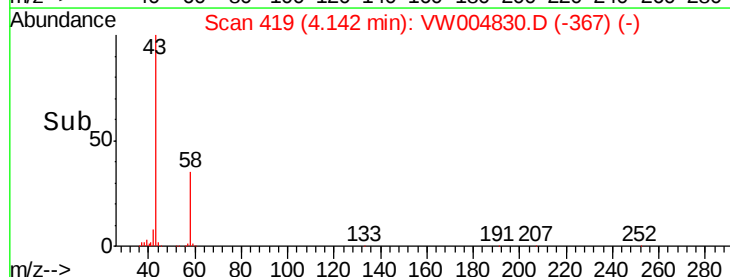
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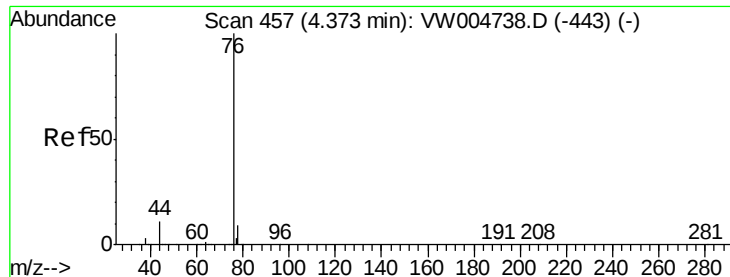
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20000

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Time-->

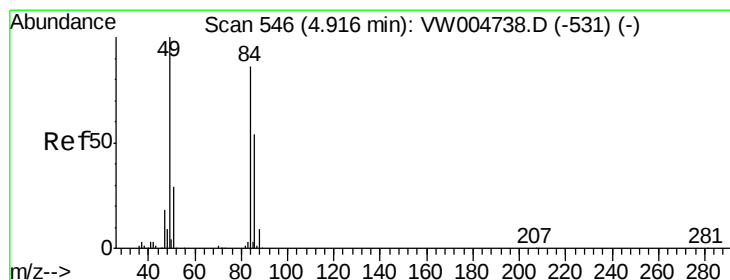
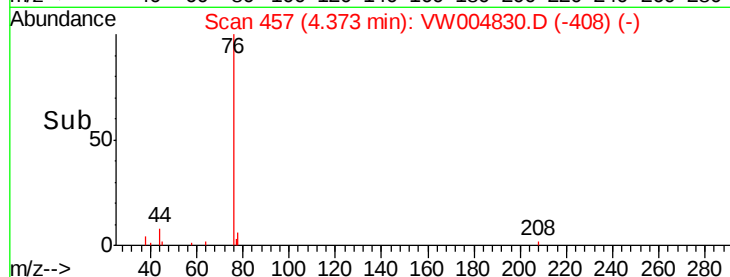
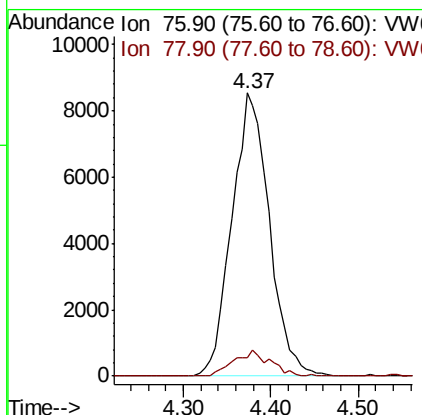
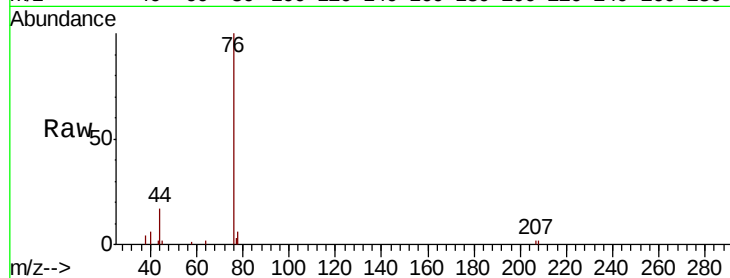




#17
 Carbon Disulfide
 Concen: 1.99 ug/l
 RT: 4.37 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VW004830.D
 Acq: 21 Aug 2018 09:43

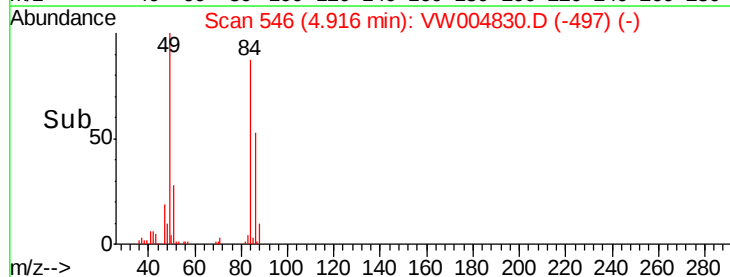
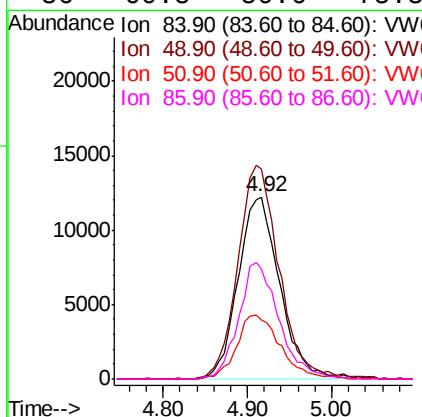
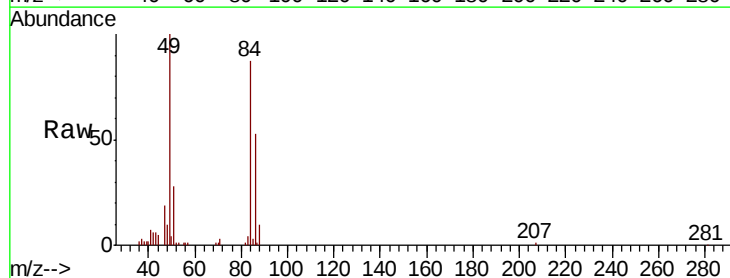
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081518-FL-031RE

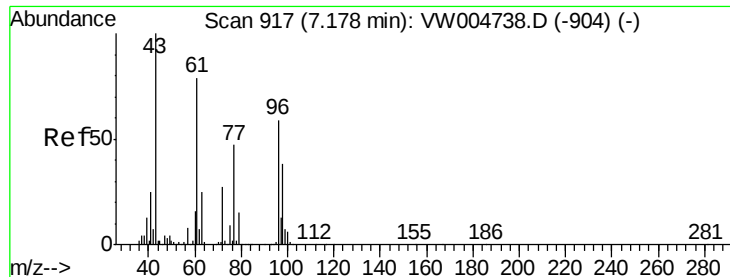
Tot Ion: 76 Resp: 25290
 Ion Ratio Lower Upper
 76 100
 78 6.3 7.4 11.2#



#20
 Methylene Chloride
 Concen: 5.86 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VW004830.D
 Acq: 21 Aug 2018 09:43

Tgt Ion: 84 Resp: 40809
 Ion Ratio Lower Upper
 84 100
 49 114.9 93.2 139.8
 51 32.6 27.4 41.0
 86 60.5 50.6 75.8





#25

2-Butanone

Concen: 83.56 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004830.D

Acq: 21 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

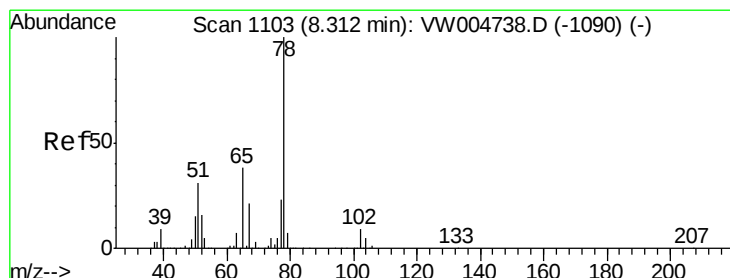
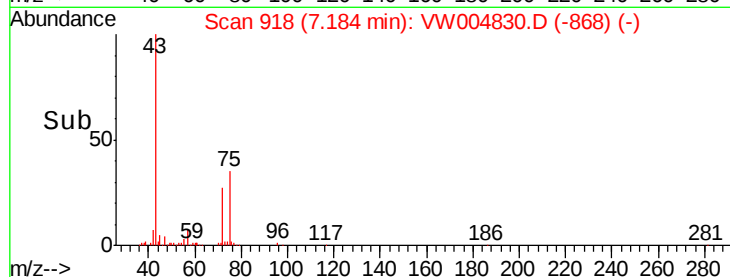
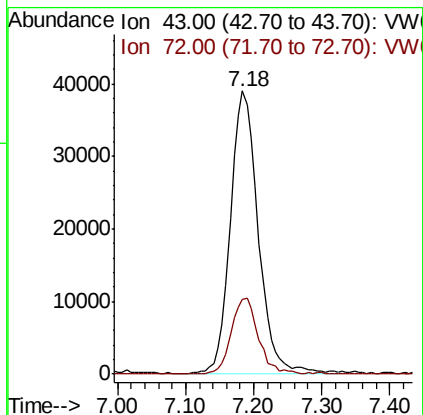
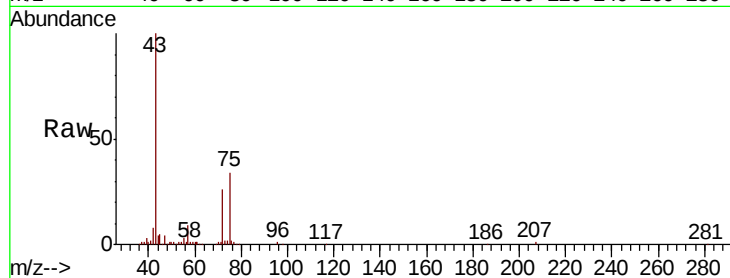
RA-081518-FL-031RE

Tot Ion: 43 Resp: 110030

Ion Ratio Lower Upper

43 100

72 26.4 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: 63.91 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004830.D

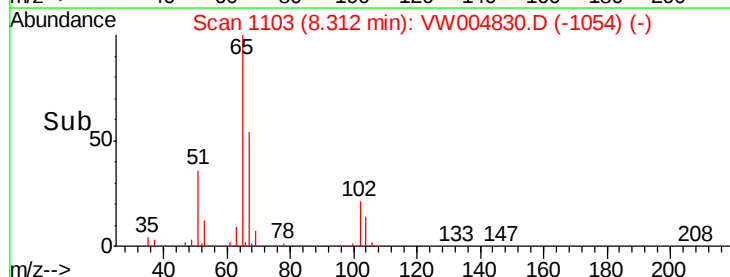
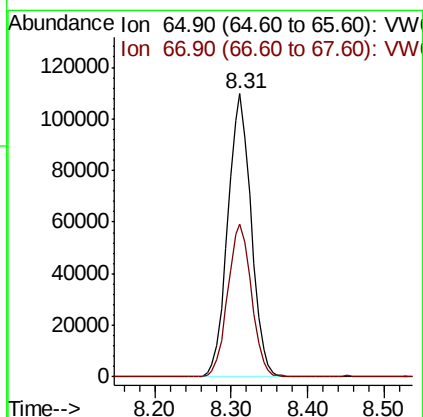
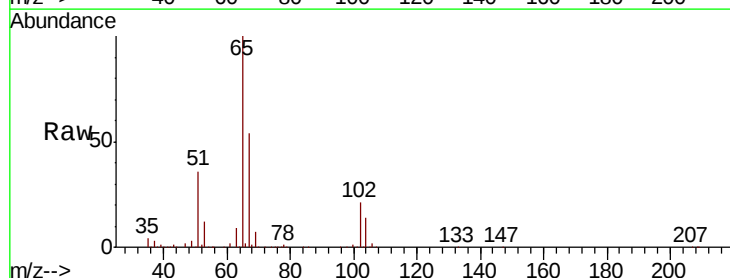
Acq: 21 Aug 2018 09:43

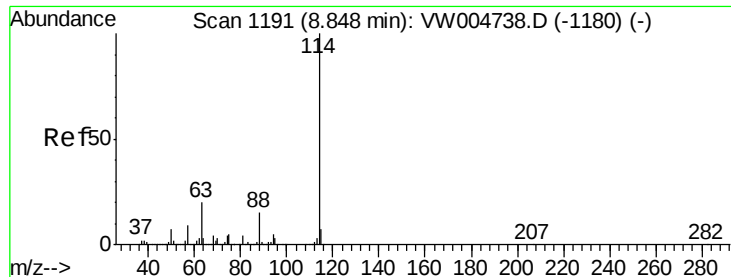
Tgt Ion: 65 Resp: 231362

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.4

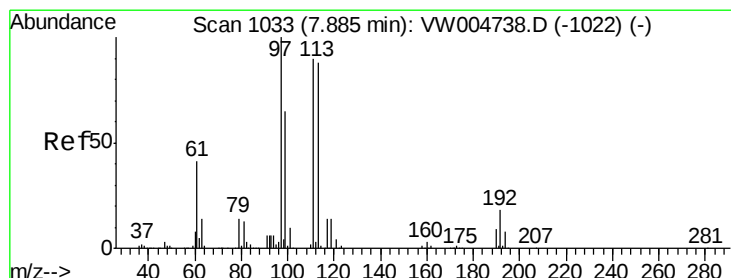
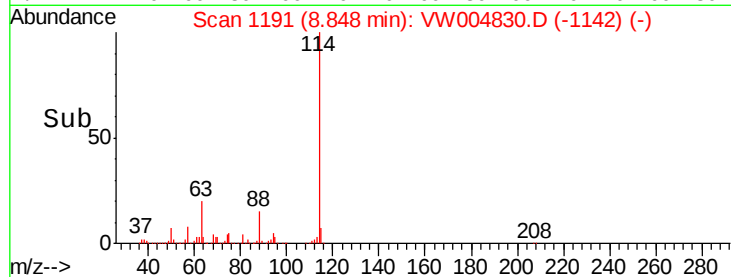
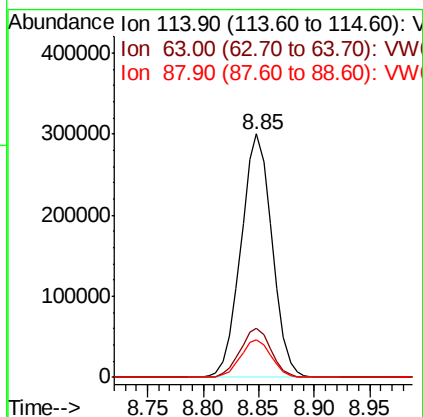
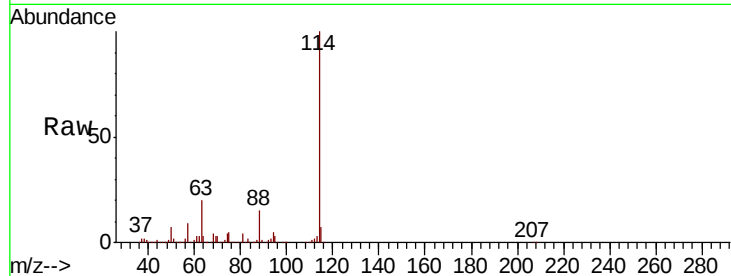




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004830.D
 Acq: 21 Aug 2018 09:43

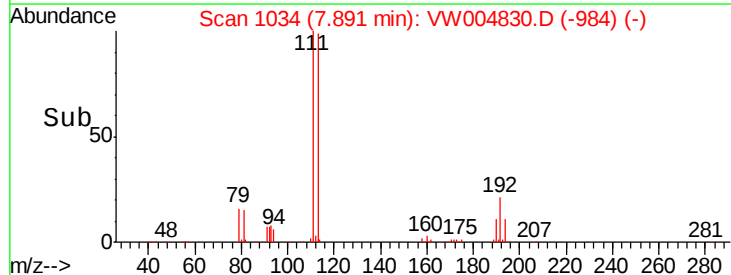
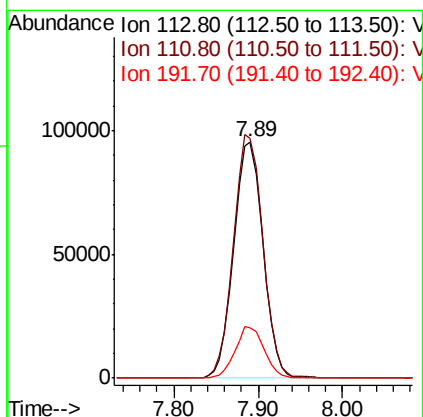
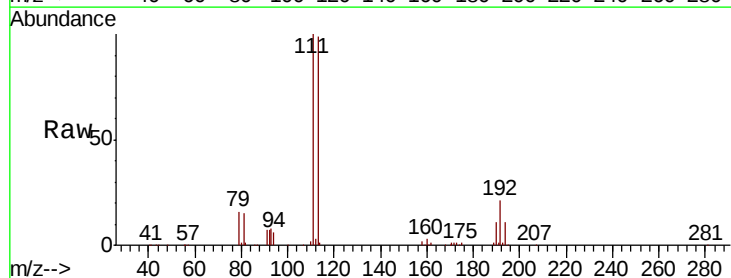
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081518-FL-031RE

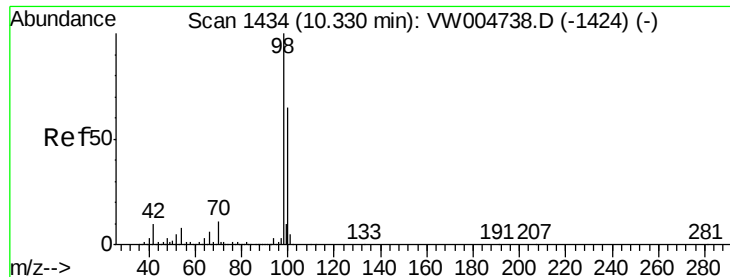
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.4	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 60.49 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004830.D
 Acq: 21 Aug 2018 09:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 45.10 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004830.D

Acq: 21 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

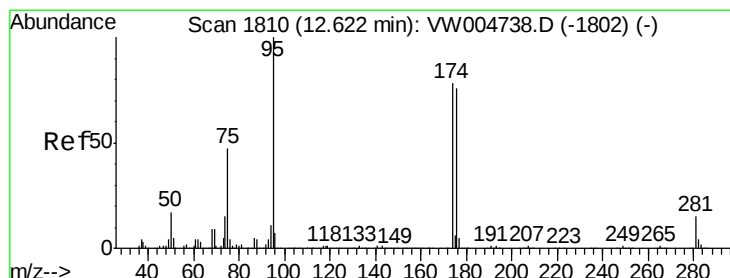
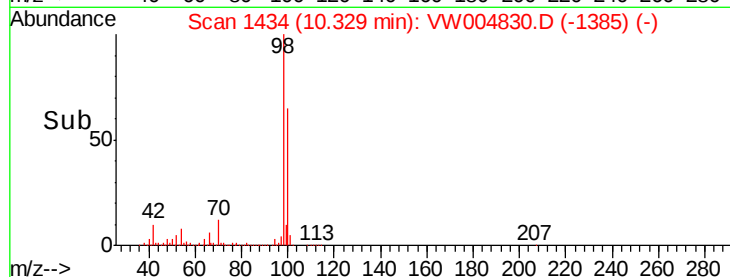
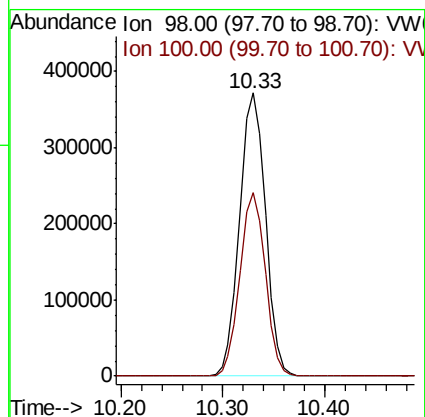
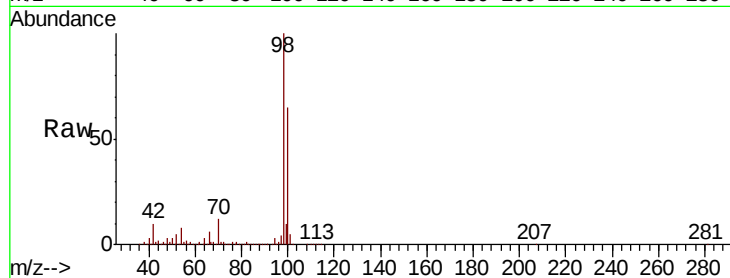
RA-081518-FL-031RE

Tot Ion: 98 Resp: 654010

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 29.76 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004830.D

Acq: 21 Aug 2018 09:43

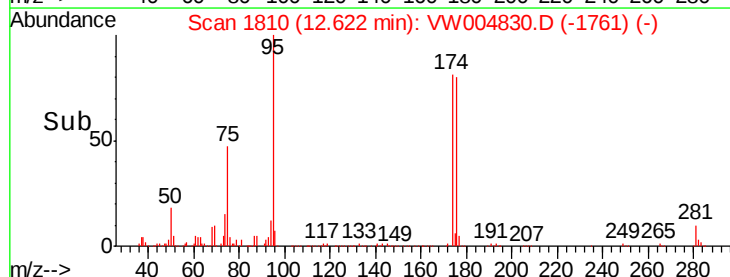
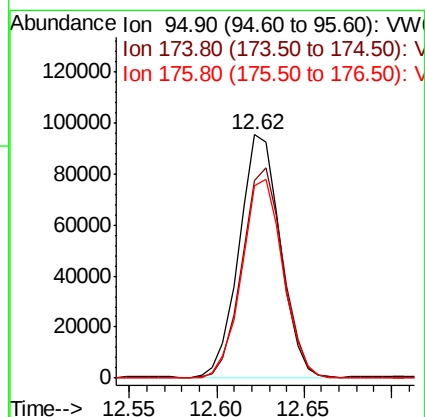
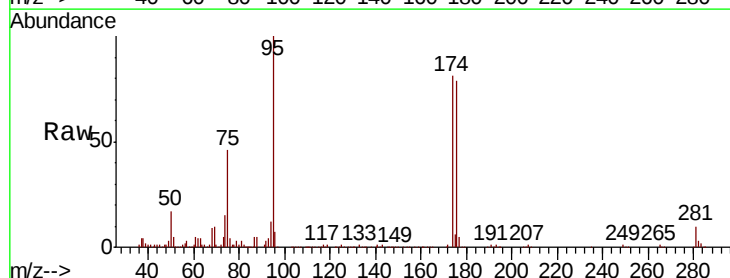
Tgt Ion: 95 Resp: 155260

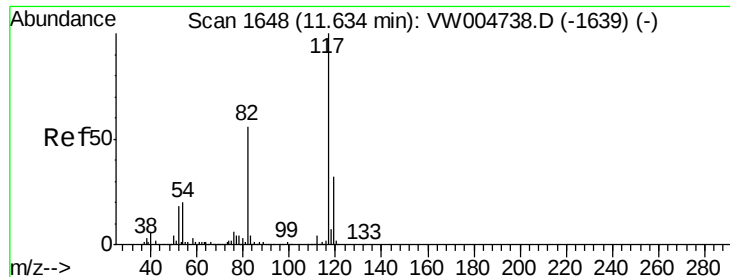
Ion Ratio Lower Upper

95 100

174 86.7 0.0 165.8

176 82.5 0.0 159.8

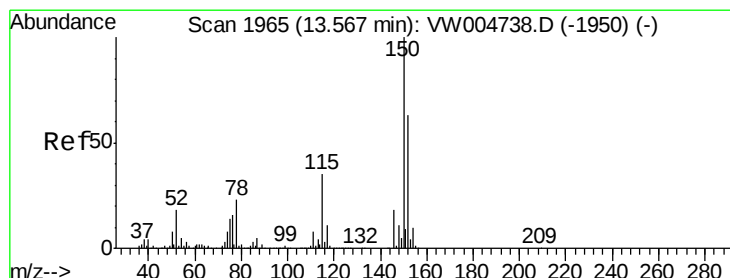
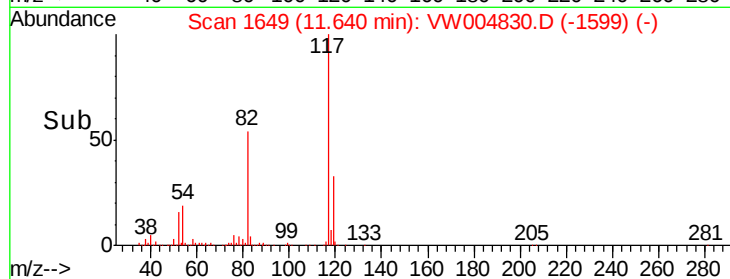
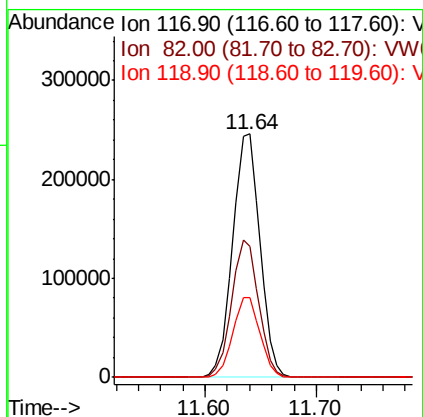
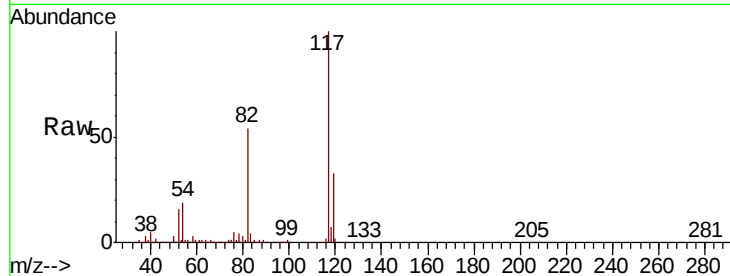




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004830.D
Acq: 21 Aug 2018 09:43

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RA-081518-FL-031RE

Tot Ion:117 Resp: 418920
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.7 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: VW004830.D
Acq: 21 Aug 2018 09:43

Tgt Ion:152 Resp: 142780
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 157.8 0.0 344.8

