

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005643.D
 Acq On : 26 Sep 2018 07:13
 Operator : VA/AP
 Sample : J5061-06RE
 Misc : 9.18G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 230-KV-BRE

Quant Time: Sep 26 09:08:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

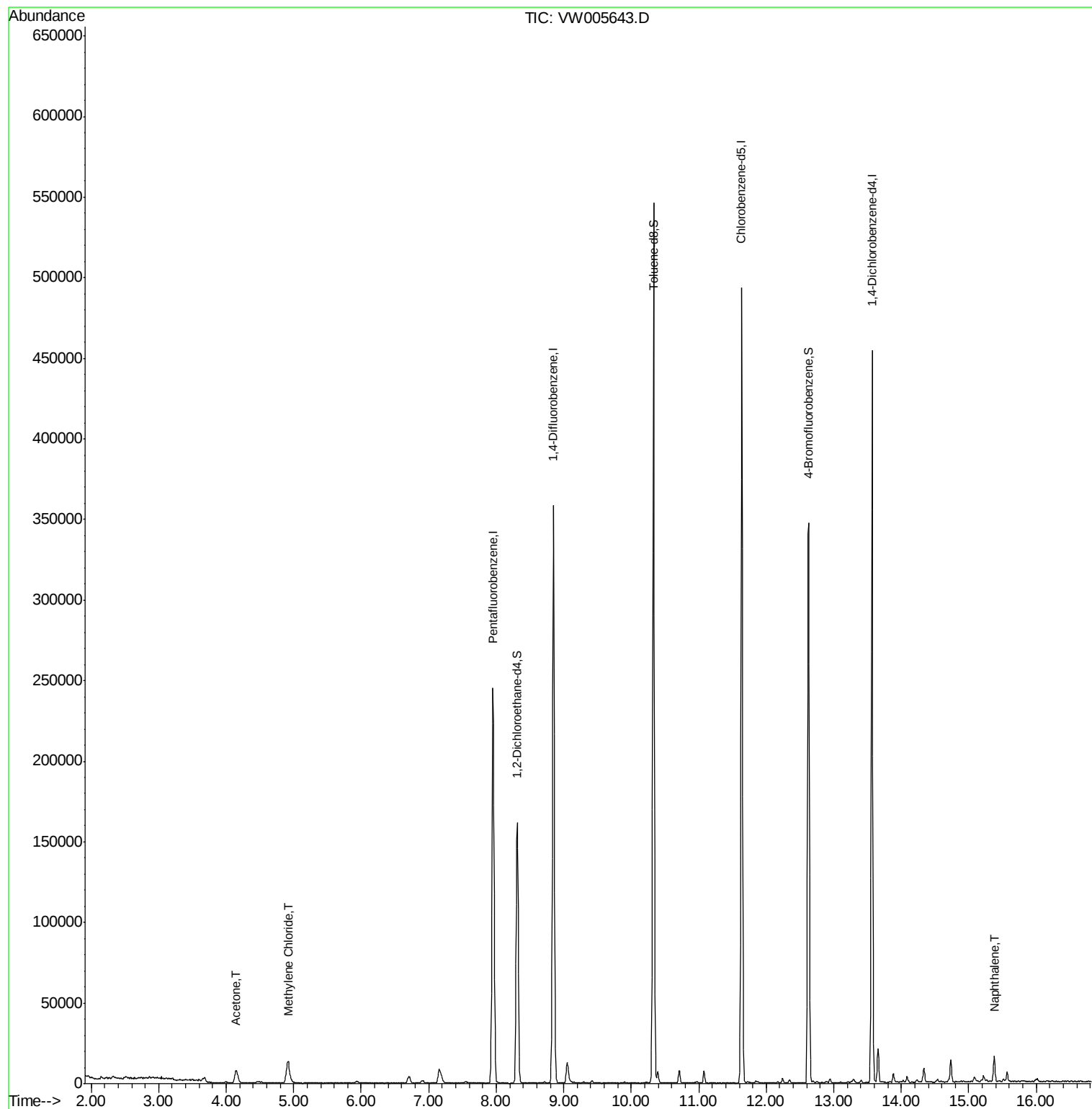
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136304	64.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.52%	
35) Dibromofluoromethane	7.95	113	205	0.11	ug/l	0.07
Spiked Amount 50.000			Recovery	=	0.22%	
50) Toluene-d8	10.33	98	352064	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	12.63	95	112580	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
Target Compounds						
16) Acetone	4.14	43	16417	41.756	ug/l	98
20) Methylene Chloride	4.92	84	11299	2.318	ug/l	89
95) Naphthalene	15.38	128	13547	3.318	ug/l #	96

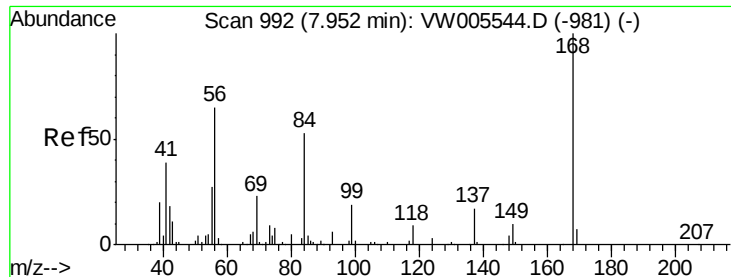
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005643.D

Acq: 26 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

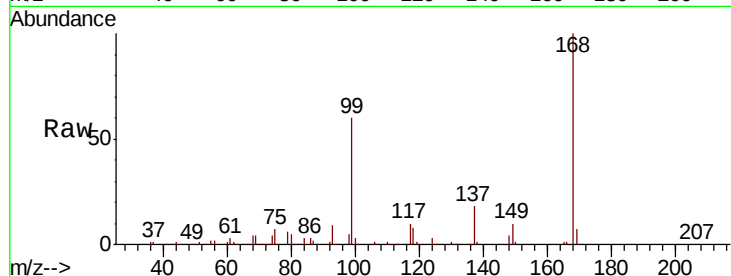
230-KV-BRE

Tot Ion:168 Resp: 178656

Ion Ratio Lower Upper

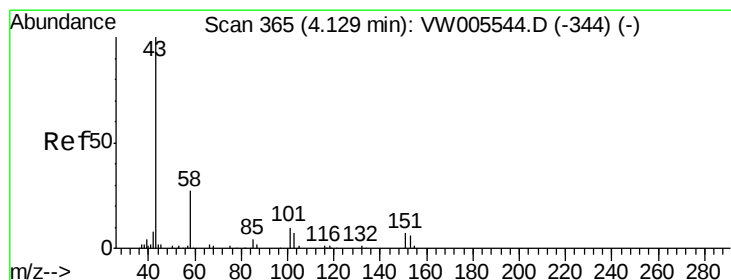
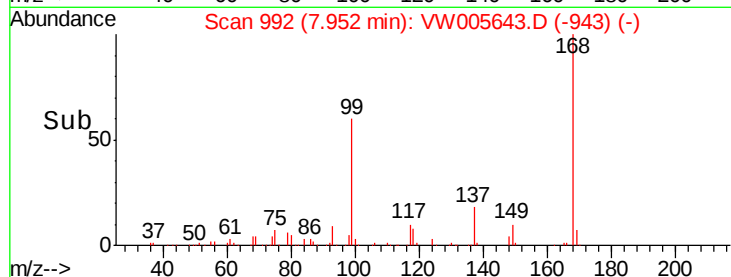
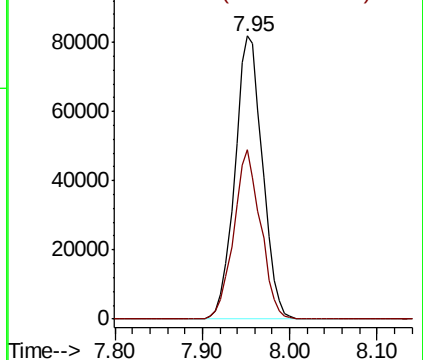
168 100

99 59.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.756 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005643.D

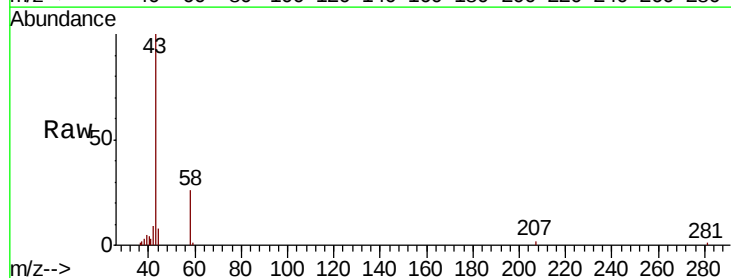
Acq: 26 Sep 2018 07:13

Tgt Ion: 43 Resp: 16417

Ion Ratio Lower Upper

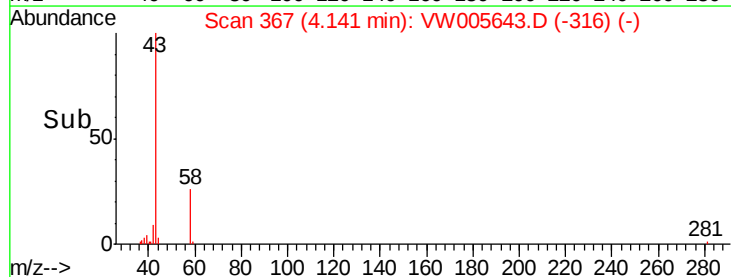
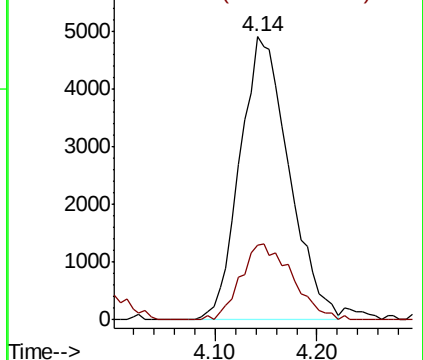
43 100

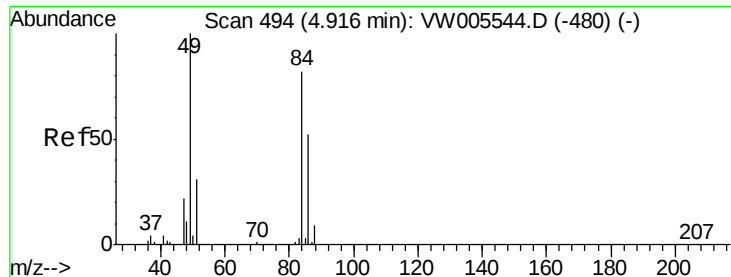
58 26.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

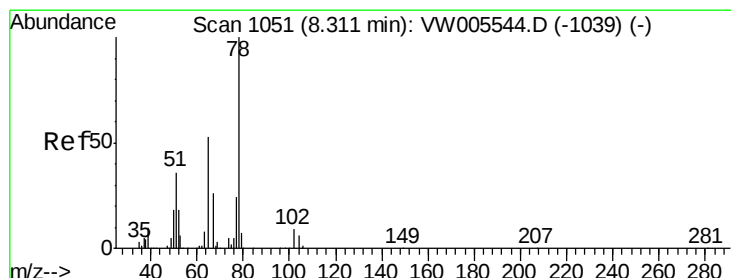
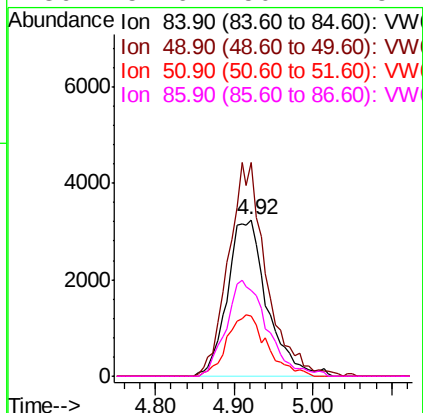
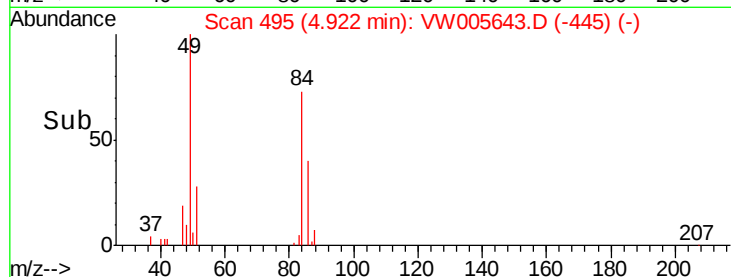
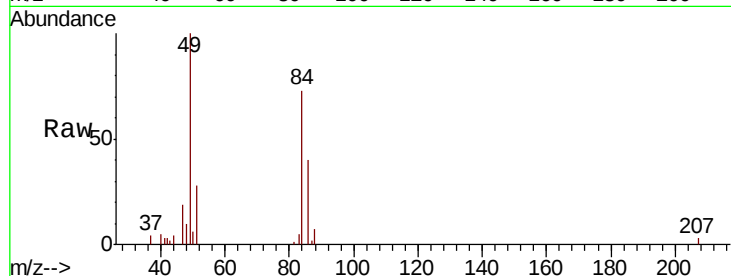




#20
Methylene Chloride
Concen: 2.318 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005643.D
Acq: 26 Sep 2018 07:13

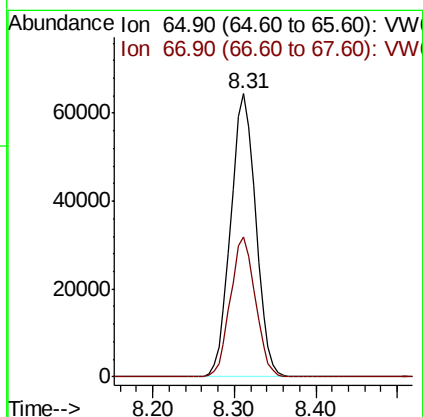
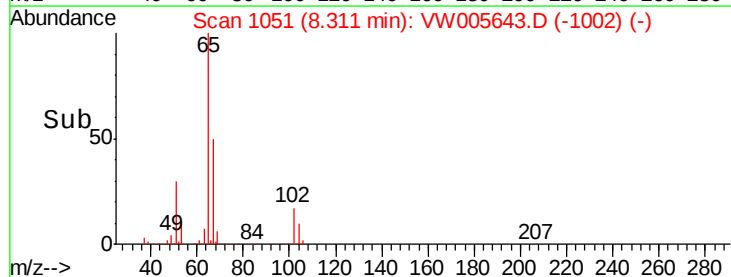
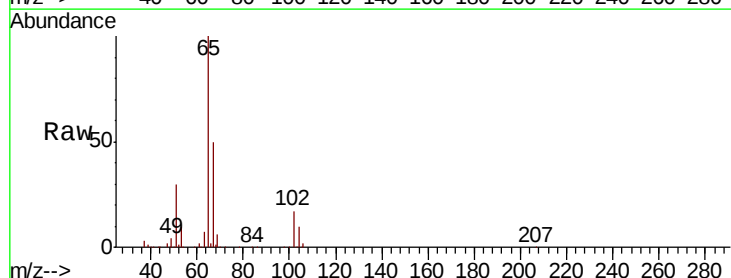
Instrument :
MSVOA_W
ClientSampleId :
230-KV-BRE

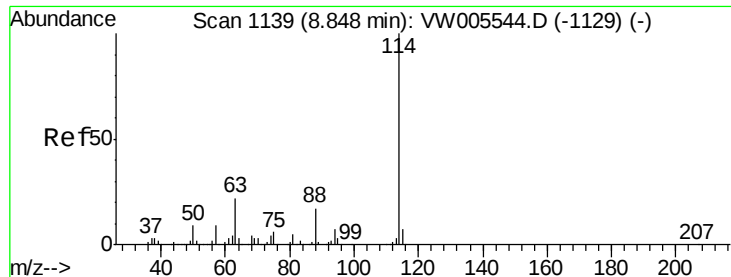
Tot Ion	Ratio	Lower	Upper
84	100		
49	136.5	97.0	145.6
51	38.6	30.2	45.2
86	54.6	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 64.762 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005643.D
Acq: 26 Sep 2018 07:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	100.6

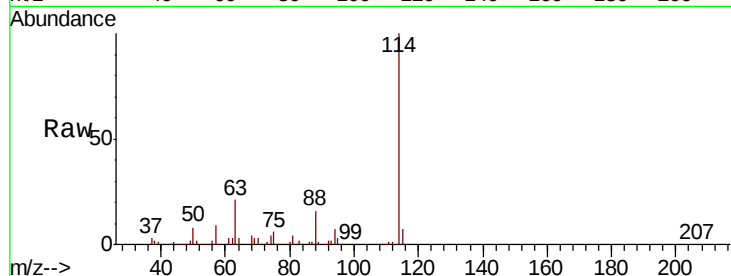




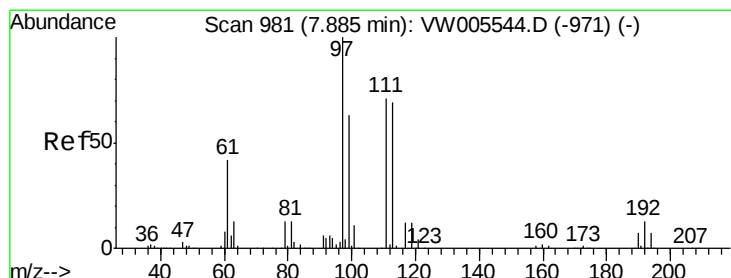
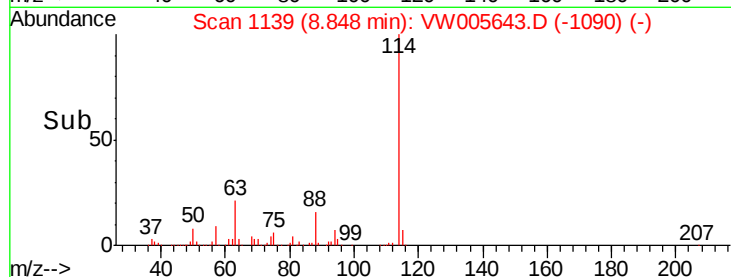
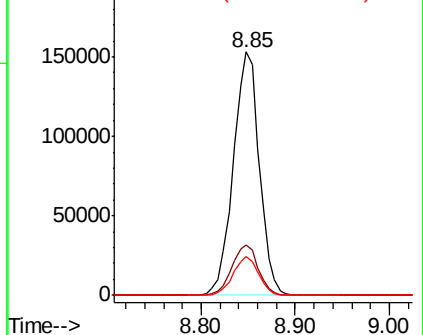
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005643.D
 Acq: 26 Sep 2018 07:13

Instrument :
 MSVOA_W
 ClientSampleId :
 230-KV-BRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.0
88	16.1	0.0	33.0

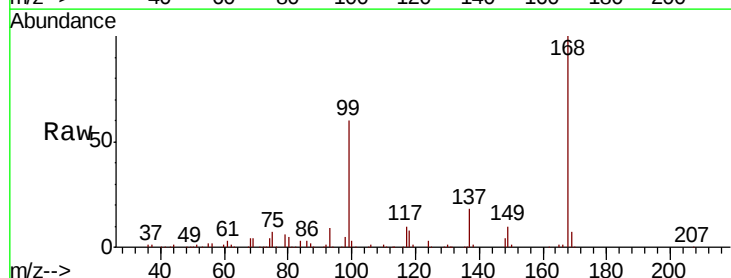


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

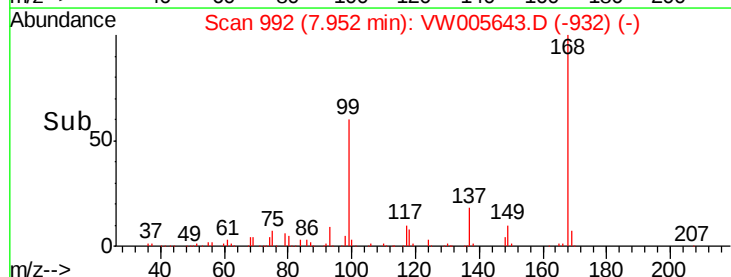
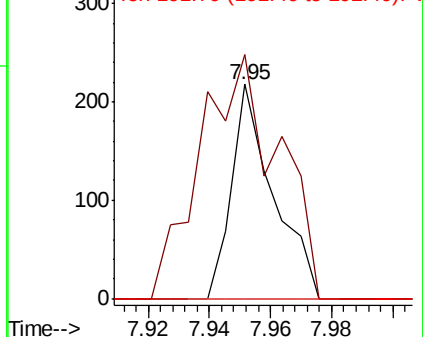


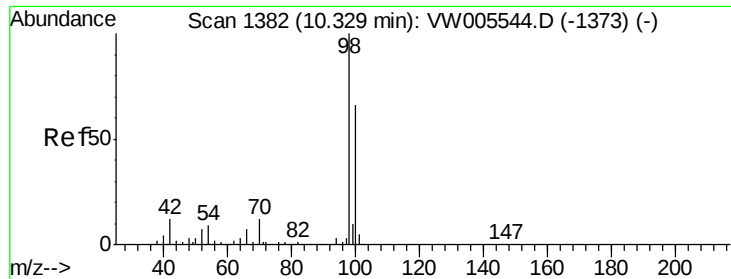
#35
 Dibromofluoromethane
 Concen: 0.111 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.07 min
 Lab File: VW005643.D
 Acq: 26 Sep 2018 07:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	215.6	82.6	123.8#
192	0.0	17.0	25.4#



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: 46.911 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005643.D

Acq: 26 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

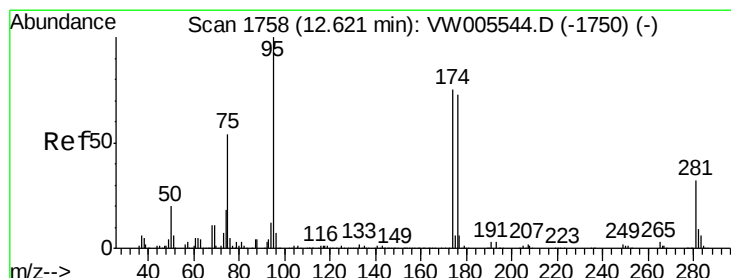
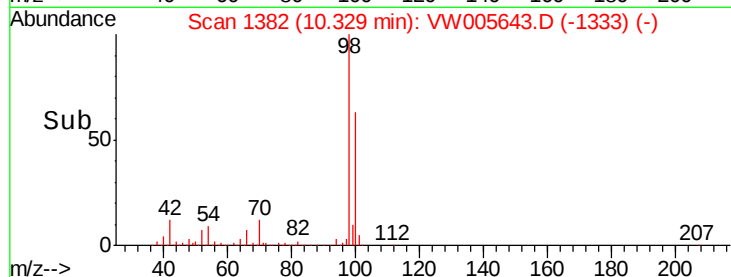
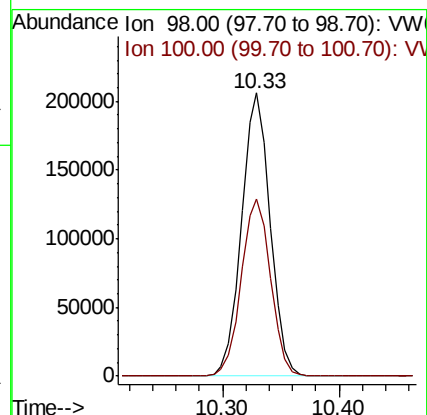
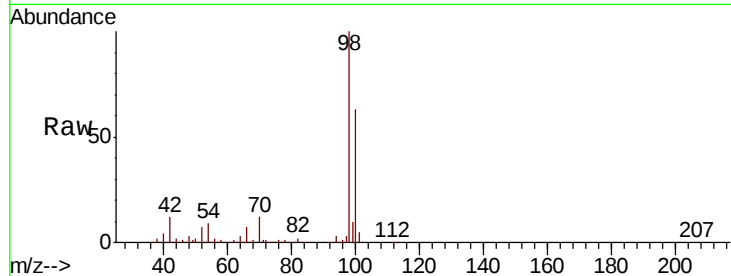
230-KV-BRE

Tot Ion: 98 Resp: 352064

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 40.540 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005643.D

Acq: 26 Sep 2018 07:13

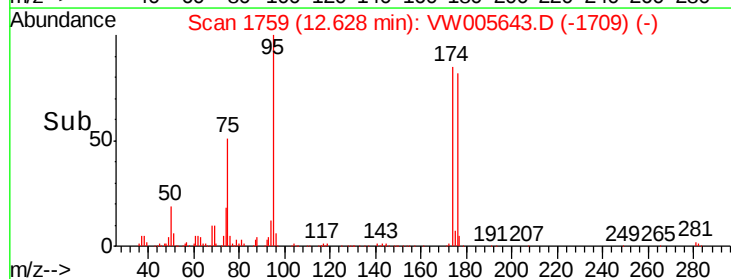
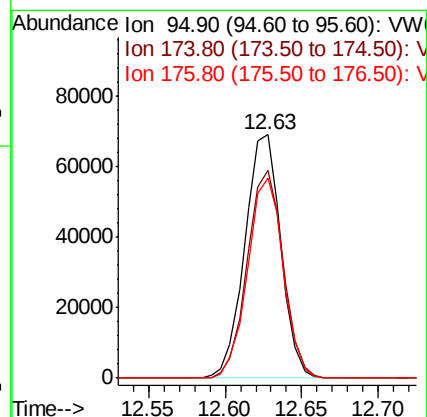
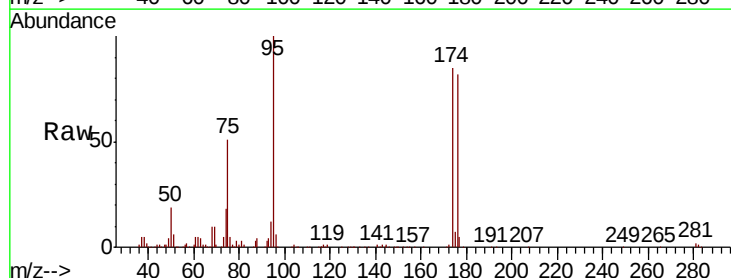
Tgt Ion: 95 Resp: 112580

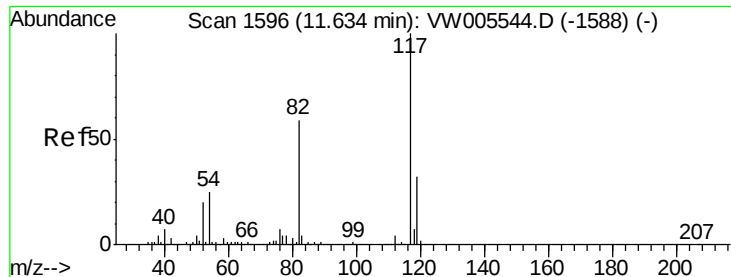
Ion Ratio Lower Upper

95 100

174 85.1 0.0 163.8

176 81.3 0.0 158.0

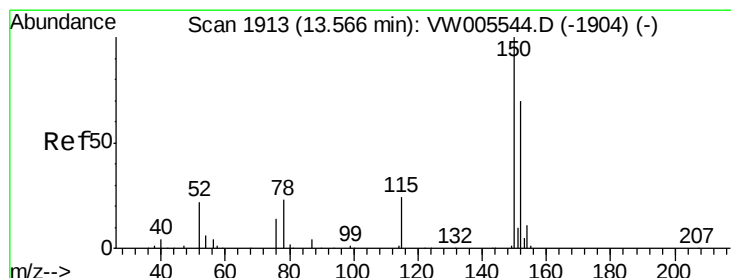
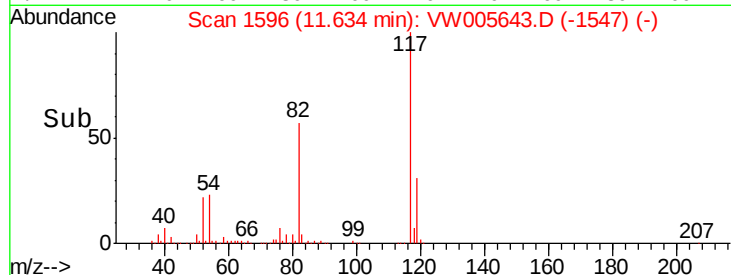
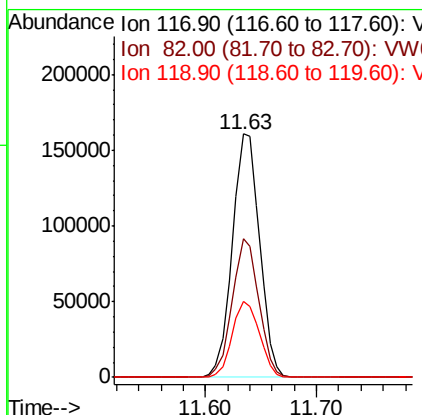
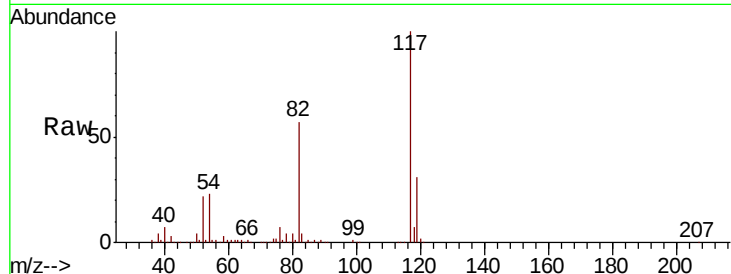




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005643.D
Acq: 26 Sep 2018 07:13

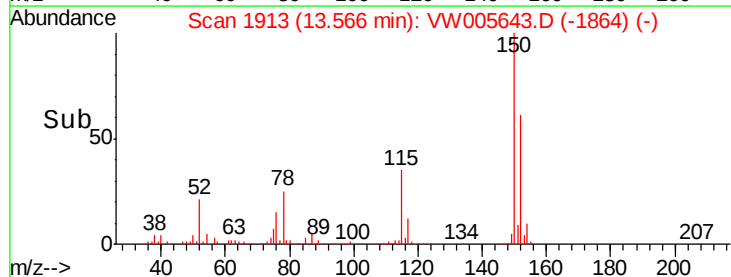
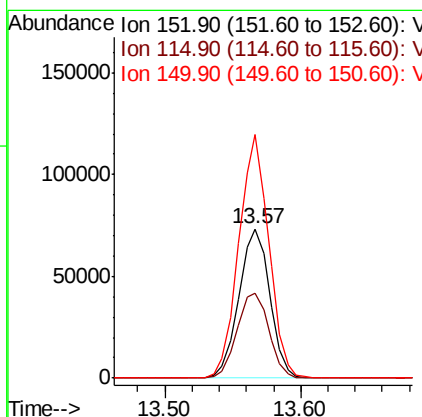
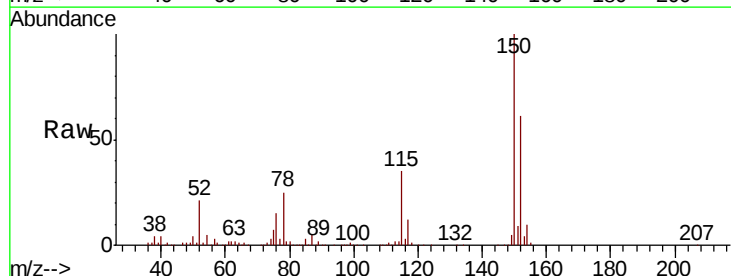
Instrument :
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230-KV-BRE

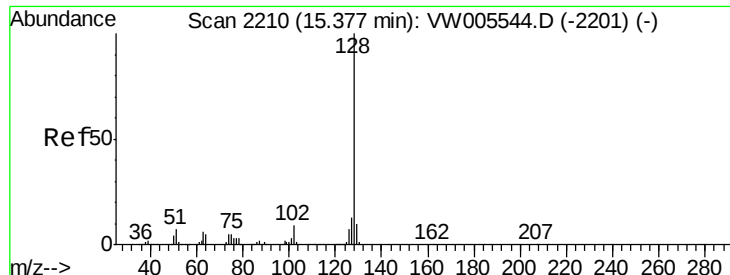
Tot Ion:117 Resp: 272408
Ion Ratio Lower Upper
117 100
82 56.9 46.9 70.3
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005643.D
Acq: 26 Sep 2018 07:13

Tgt Ion:152 Resp: 115979
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 158.6 0.0 348.6





#95

Naphthalene

Concen: 3.318 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005643.D

Acq: 26 Sep 2018 07:13

Instrument :

MSVOA_W

ClientSampleId :

230-KV-BRE

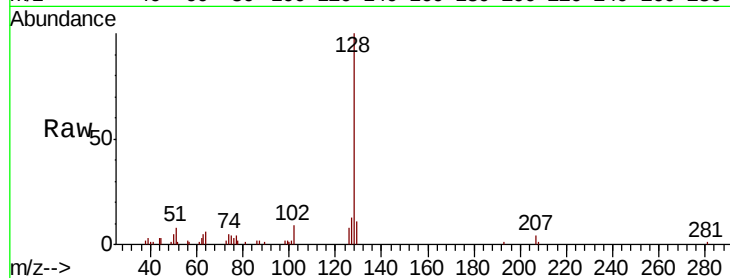
Tot Ion:128 Resp: 13547

Ion Ratio Lower Upper

128 100

127 14.5 10.9 16.3

129 13.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

