

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005642.D
 Acq On : 26 Sep 2018 06:47
 Operator : VA/AP
 Sample : J5061-01RE
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 230-KV-ARE

Quant Time: Sep 26 07:17:26 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

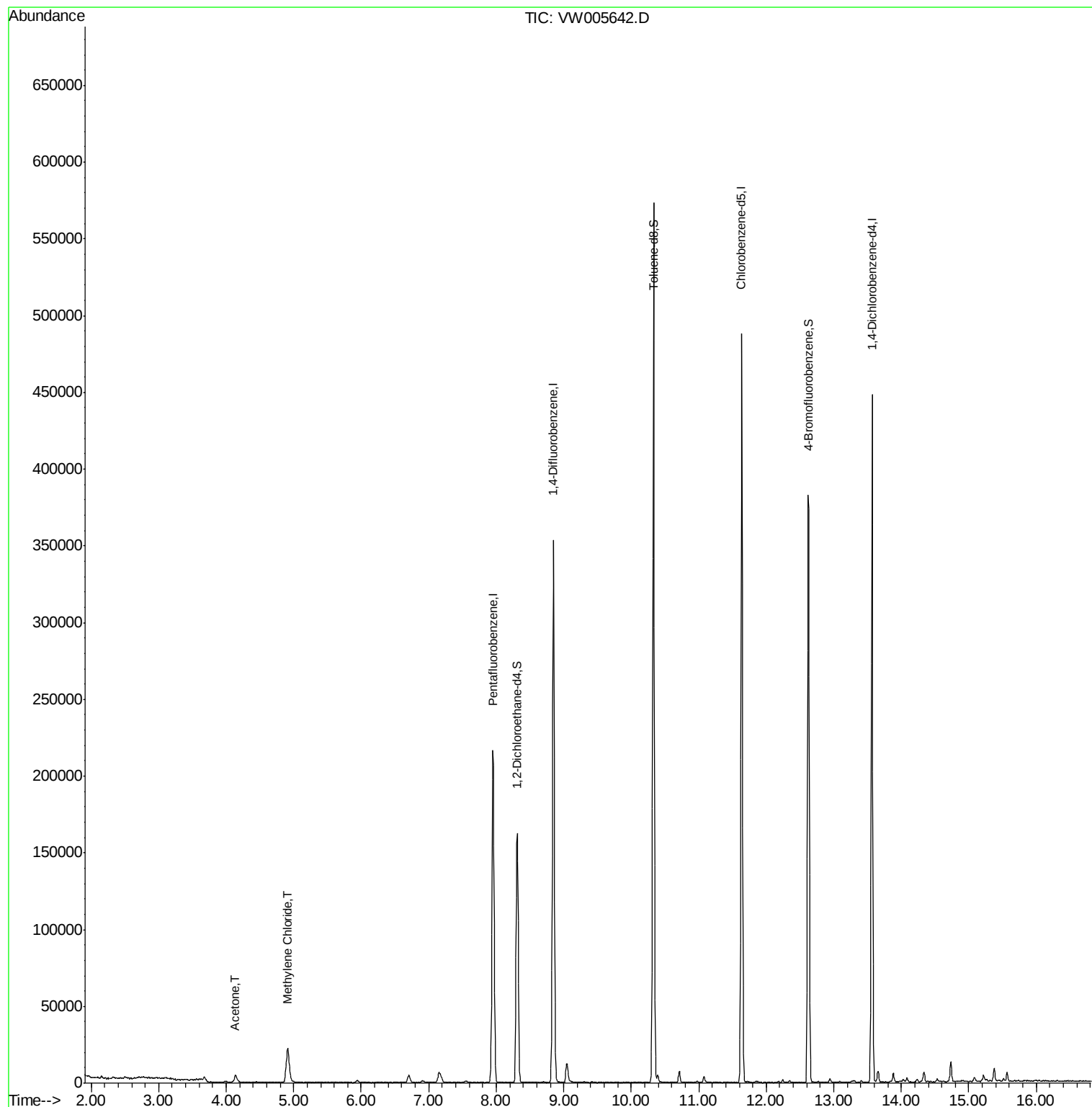
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	160379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	287491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	117314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138558	73.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.68%	
35) Dibromofluoromethane	7.95	113	300	0.17	ug/l	0.07
Spiked Amount 50.000			Recovery	=	0.34%	
50) Toluene-d8	10.33	98	371298	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	124268	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	4.14	43	8277	19.153	ug/l #	85
20) Methylene Chloride	4.91	84	17579	7.456	ug/l	95

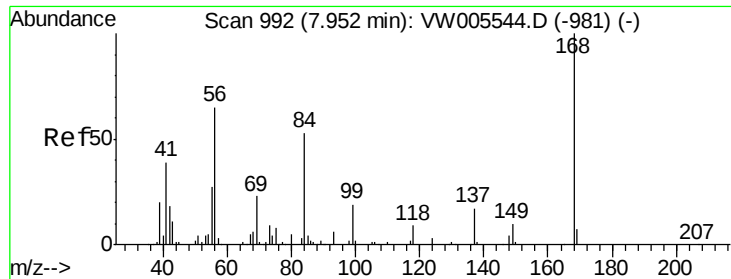
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005642.D

Acq: 26 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

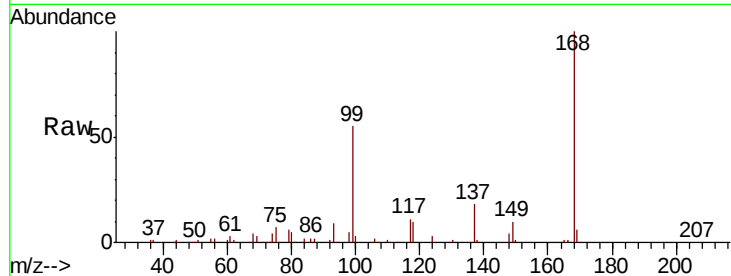
230-KV-ARE

Tot Ion:168 Resp: 160379

Ion Ratio Lower Upper

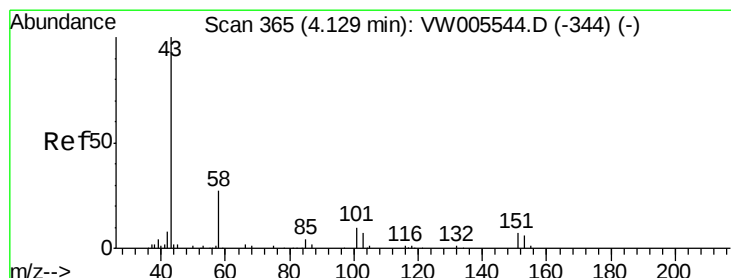
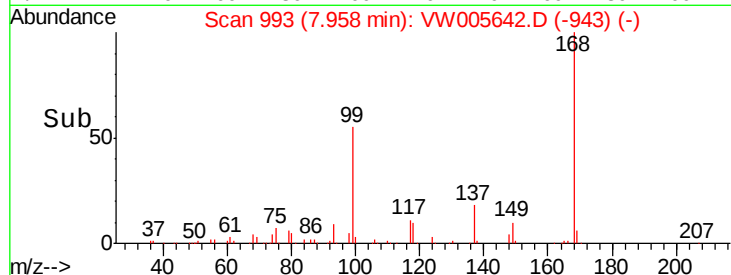
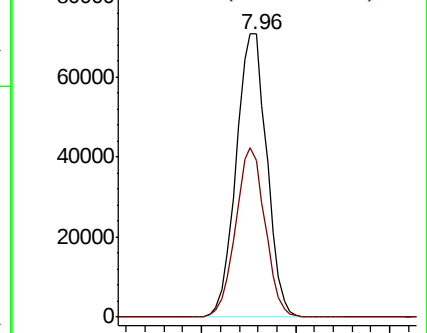
168 100

99 55.4 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: 19.153 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005642.D

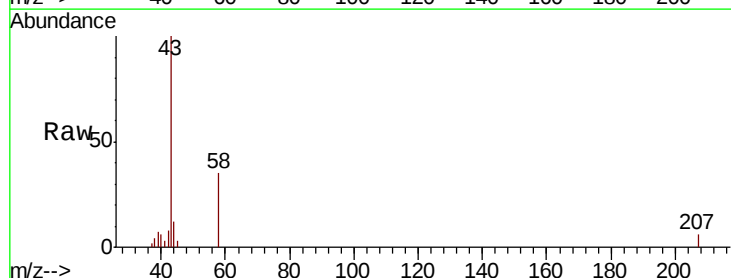
Acq: 26 Sep 2018 06:47

Tgt Ion: 43 Resp: 8277

Ion Ratio Lower Upper

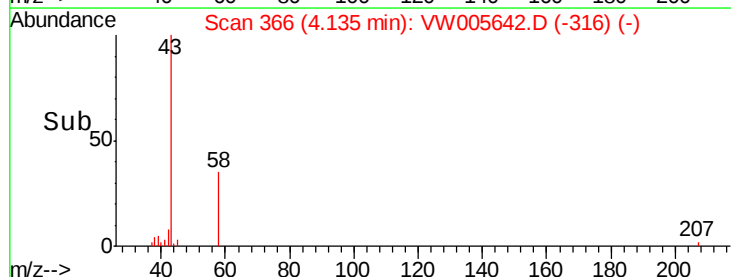
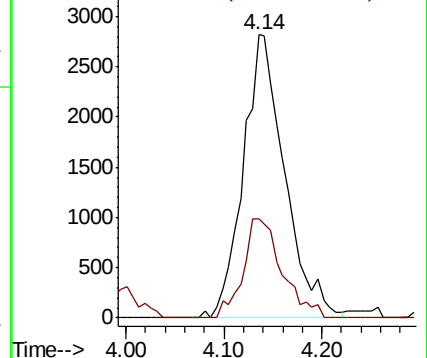
43 100

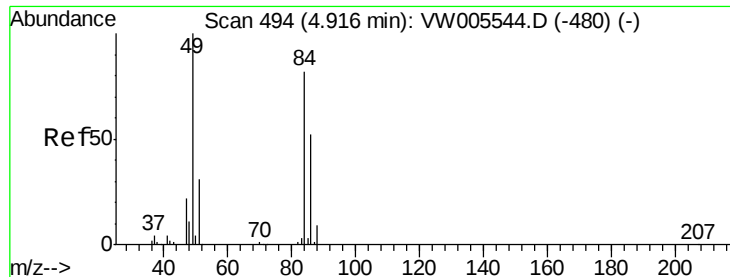
58 35.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

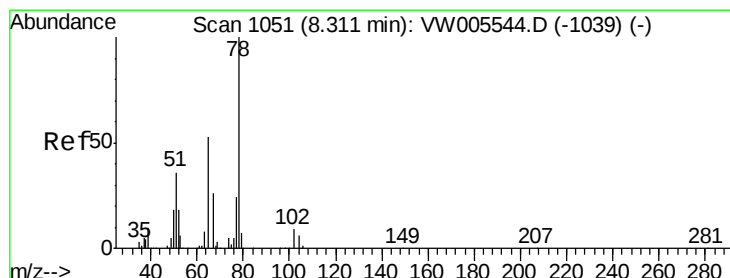
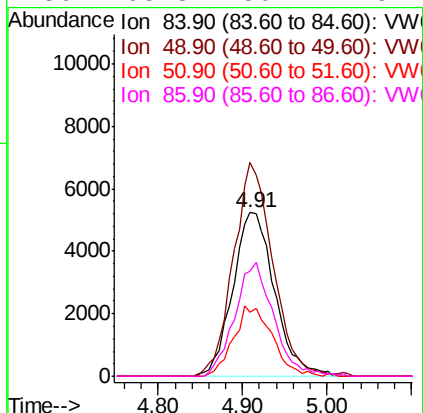
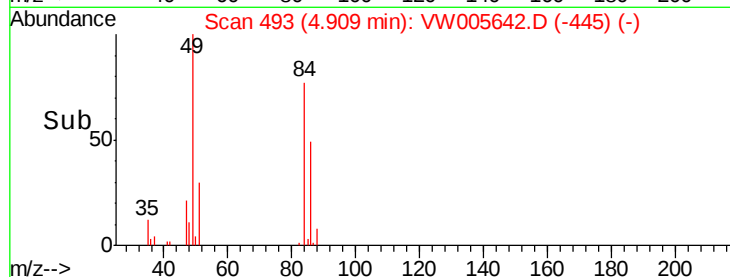
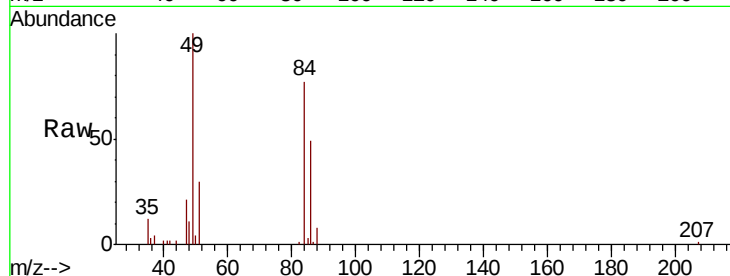




#20
Methylene Chloride
Concen: 7.456 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005642.D
Acq: 26 Sep 2018 06:47

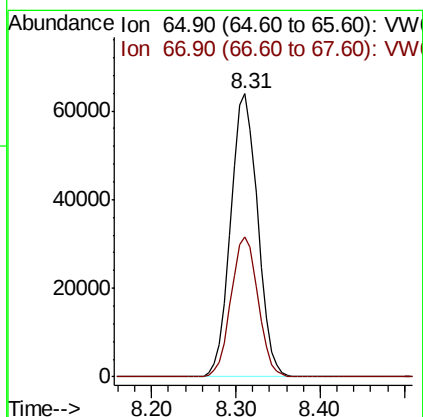
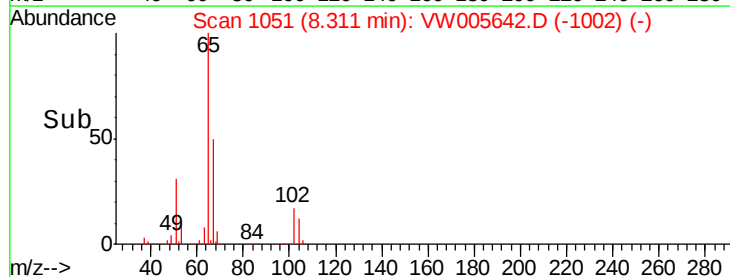
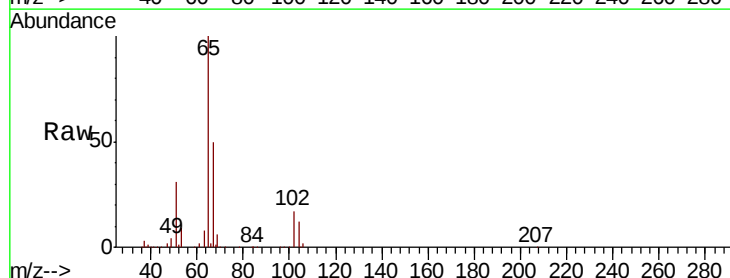
Instrument :
MSVOA_W
ClientSampleId :
230-KV-ARE

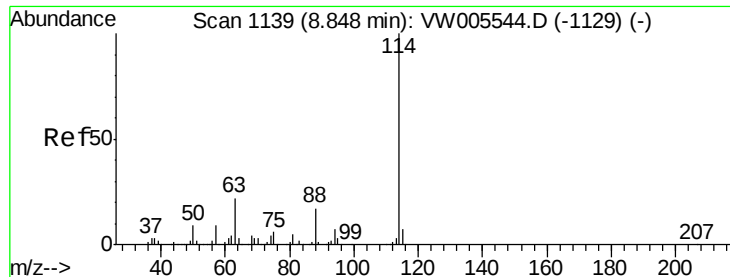
Tot Ion: 84 Resp: 17579
Ion Ratio Lower Upper
84 100
49 130.5 97.0 145.6
51 38.8 30.2 45.2
86 63.8 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 73.335 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005642.D
Acq: 26 Sep 2018 06:47

Tgt Ion: 65 Resp: 138558
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.6

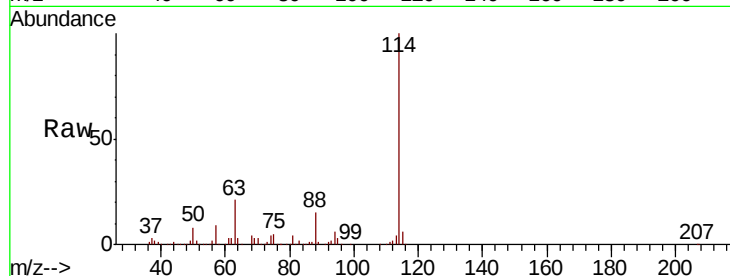




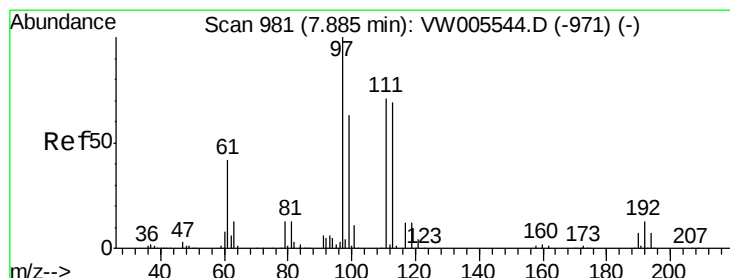
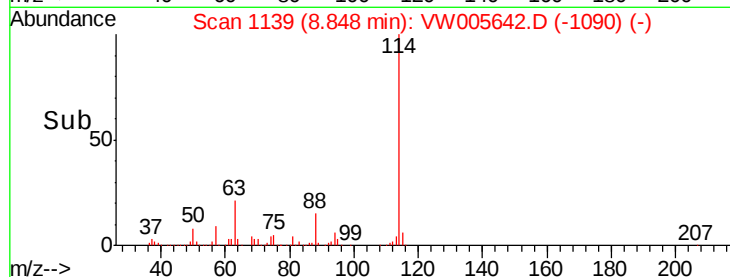
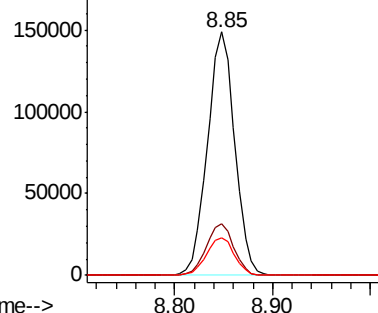
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005642.D
 Acq: 26 Sep 2018 06:47

Instrument :
 MSVOA_W
 ClientSampleId :
 230-KV-ARE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	15.5	0.0	33.0

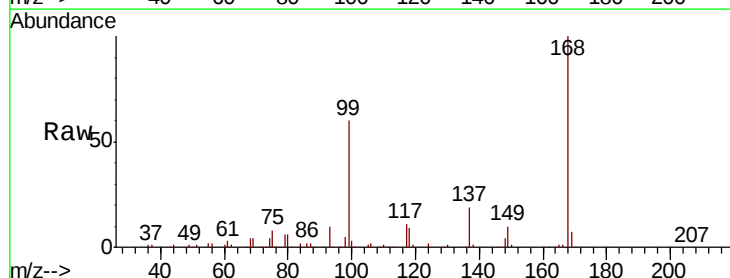


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

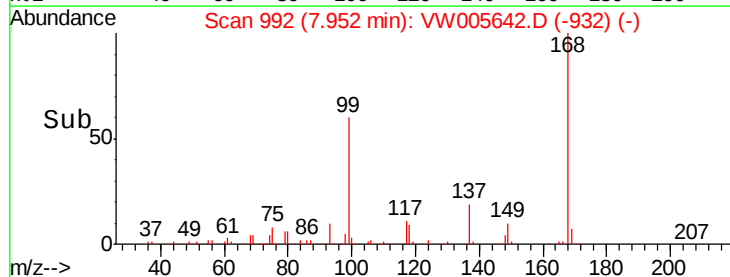
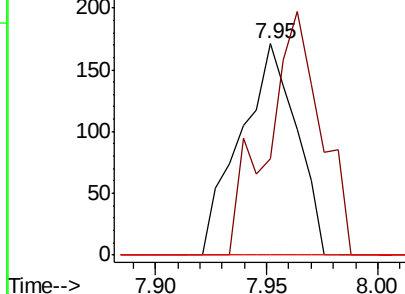


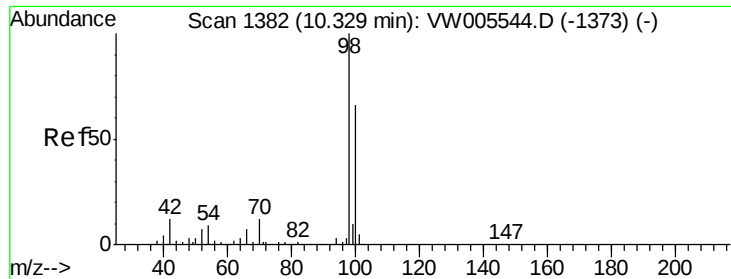
#35
 Dibromofluoromethane
 Concen: 0.166 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.07 min
 Lab File: VW005642.D
 Acq: 26 Sep 2018 06:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	109.7	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: 50.438 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005642.D

Acq: 26 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

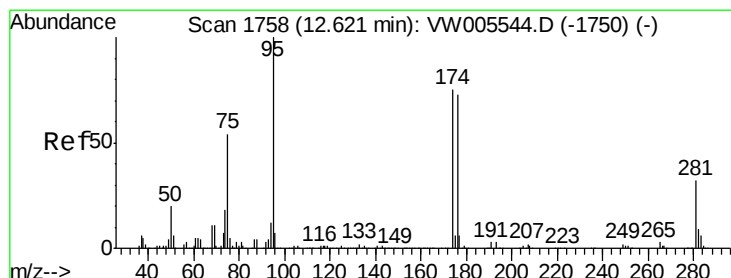
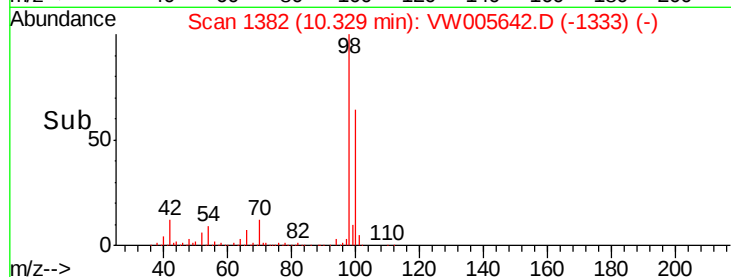
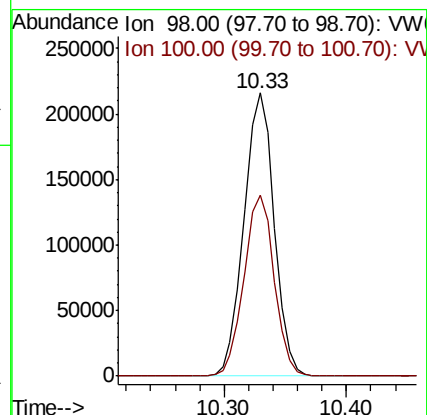
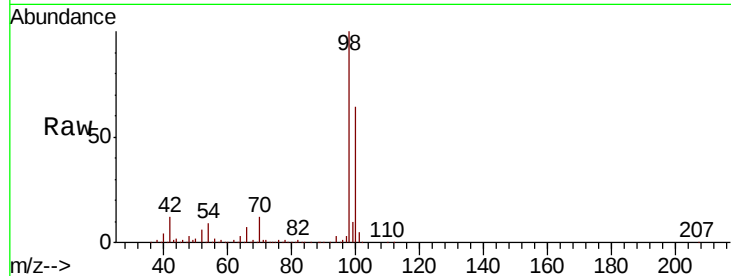
230-KV-ARE

Tot Ion: 98 Resp: 371298

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005642.D

Acq: 26 Sep 2018 06:47

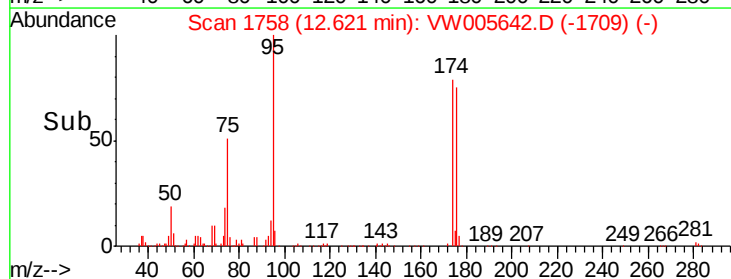
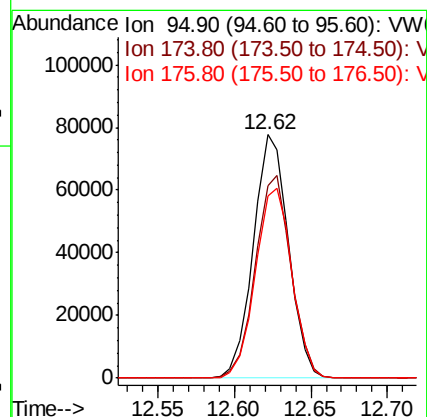
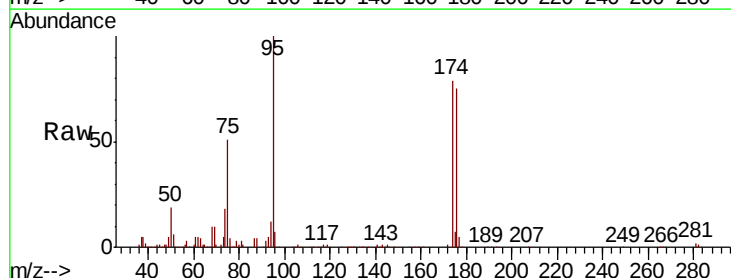
Tgt Ion: 95 Resp: 124268

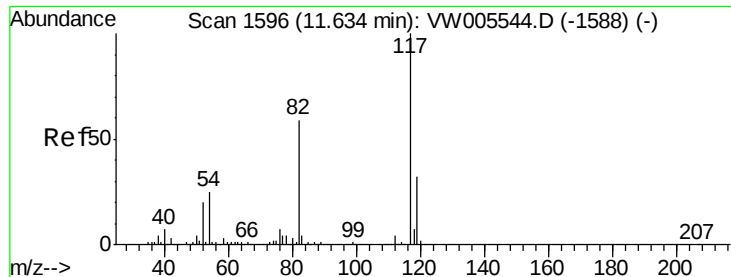
Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.8

176 81.0 0.0 158.0

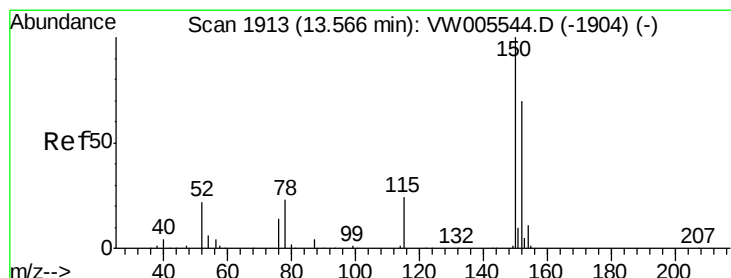
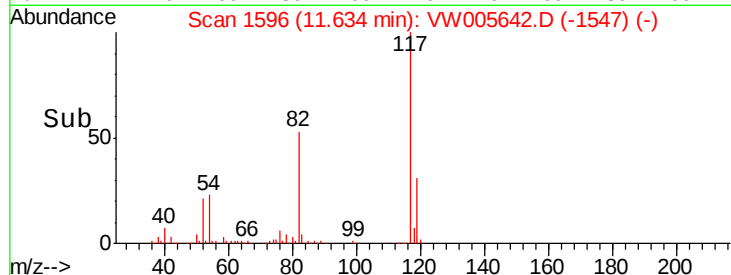
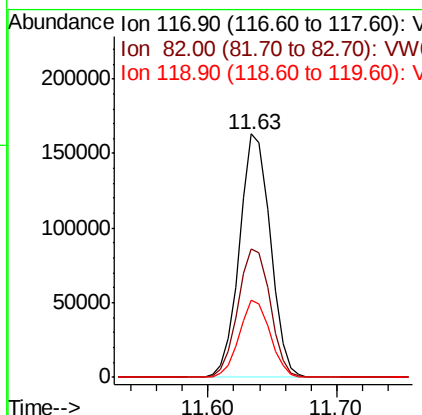
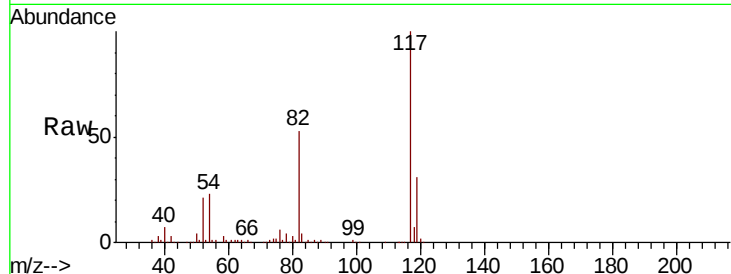




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005642.D
Acq: 26 Sep 2018 06:47

Instrument :
MSVOA_W
ClientSampleId :
230-KV-ARE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	46.9	70.3
119	31.5	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: VW005642.D
Acq: 26 Sep 2018 06:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.0	90.0
150	159.1	0.0	348.6

