

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005669.D
 Acq On : 26 Sep 2018 22:26
 Operator : VA/AP
 Sample : J5081-18
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 07:23:33 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

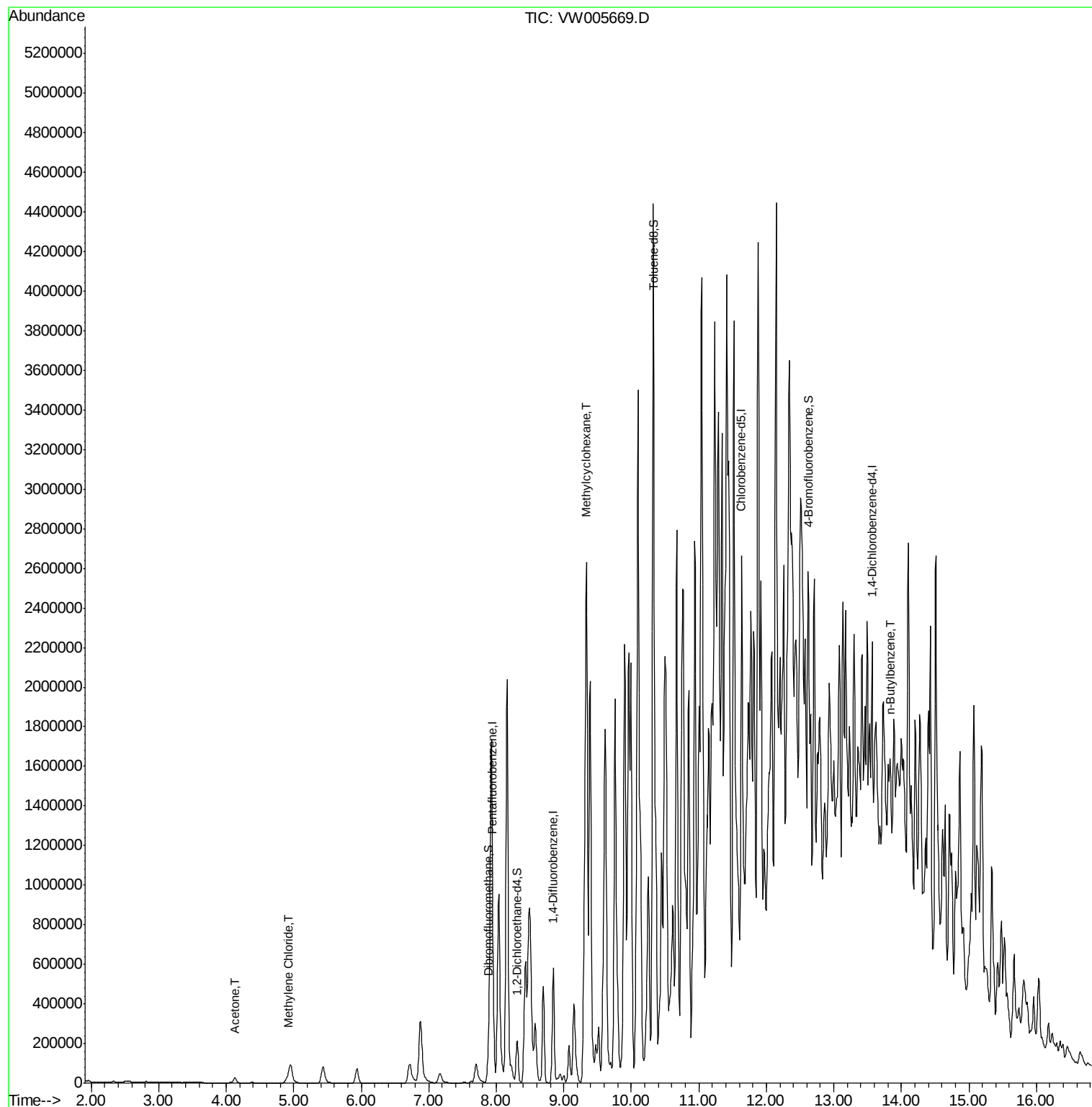
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	372167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171395	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.88	113	139991	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.33	98	696359	61.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.60%	
62) 4-Bromofluorobenzene	12.62	95	401934	96.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	192.80%	
Target Compounds						
16) Acetone	4.13	43	45629	81.137	ug/l	100
20) Methylene Chloride	4.92	84	17200	2.080	ug/l #	93
39) Methylcyclohexane	9.34	83	504875	96.599	ug/l #	62
89) n-Butylbenzene	13.83	91	247092	20.008	ug/l #	77

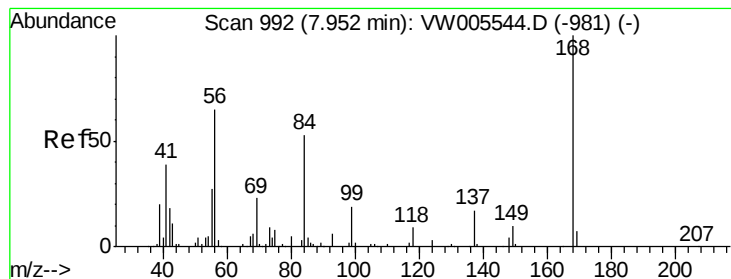
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
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: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

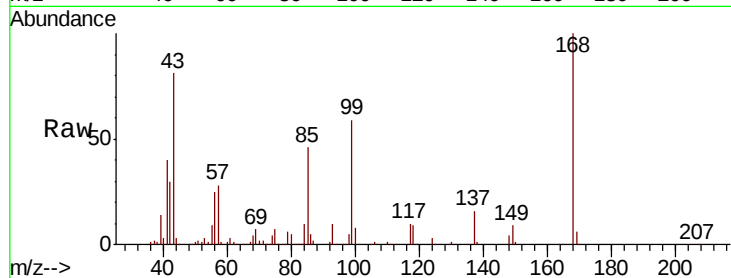
TP-1-D

Tot Ion:168 Resp: 281533

Ion Ratio Lower Upper

168 100

99 59.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

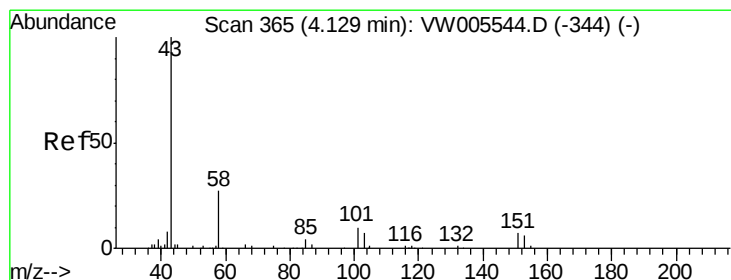
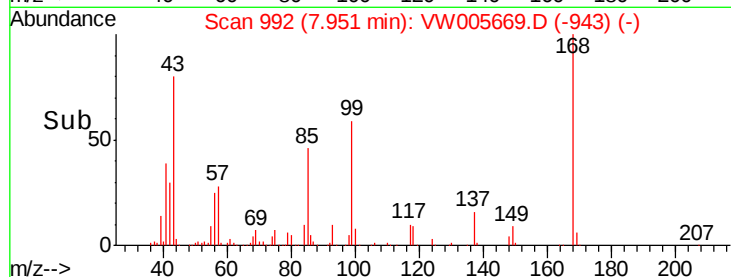
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 81.137 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005669.D

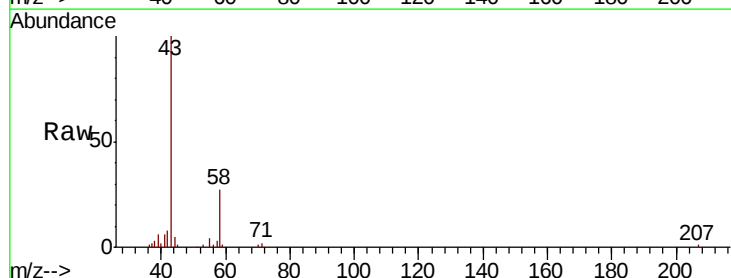
Acq: 26 Sep 2018 22:26

Tgt Ion: 43 Resp: 45629

Ion Ratio Lower Upper

43 100

58 27.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

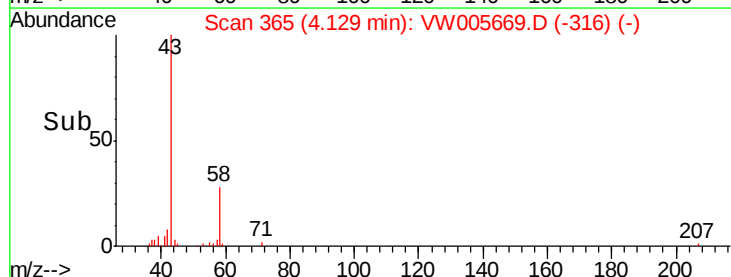
10000

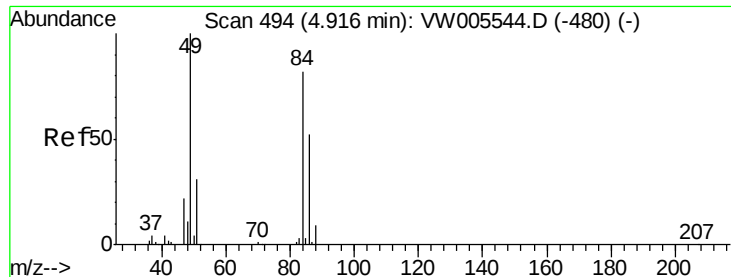
5000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 2.080 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

Tot Ion: 84 Resp: 17200

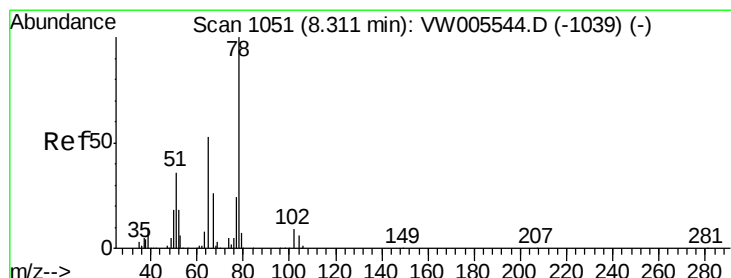
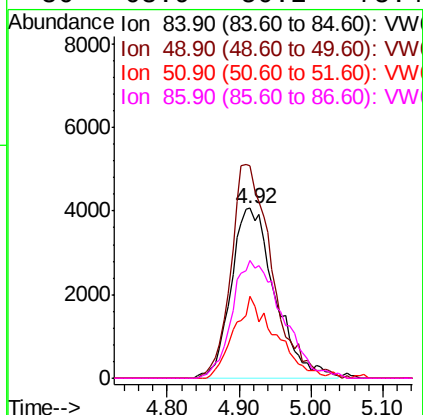
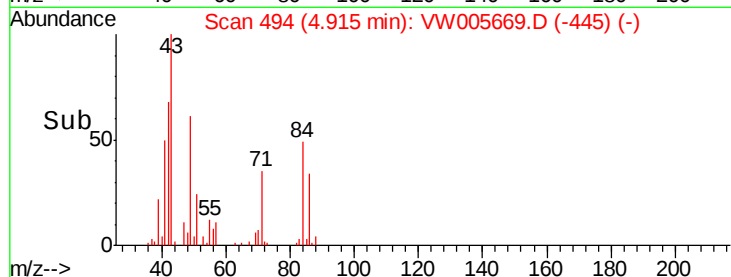
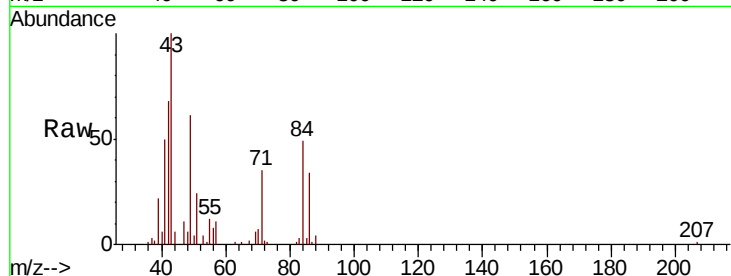
Ion Ratio Lower Upper

84 100

49 124.7 97.0 145.6

51 48.3 30.2 45.2#

86 68.9 50.2 75.4



#33

1,2-Dichloroethane-d4

Concen: 51.677 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005669.D

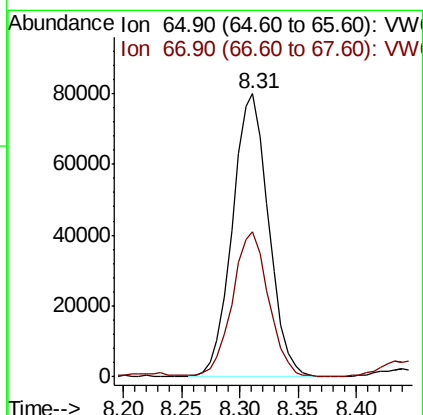
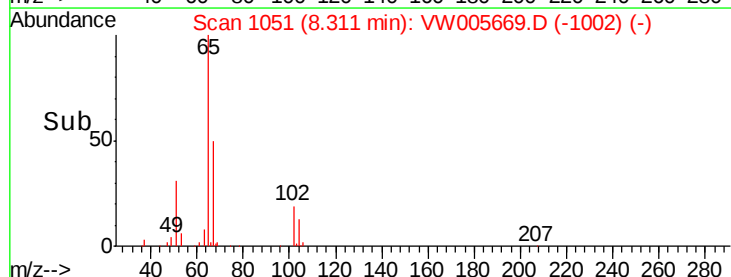
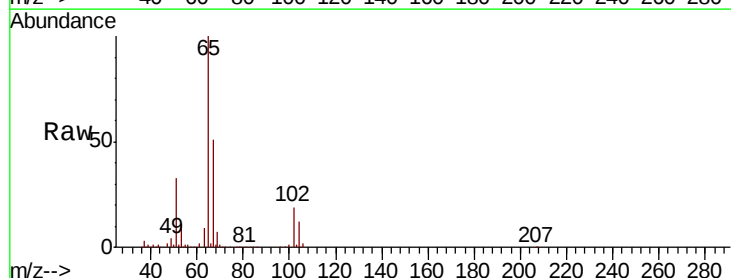
Acq: 26 Sep 2018 22:26

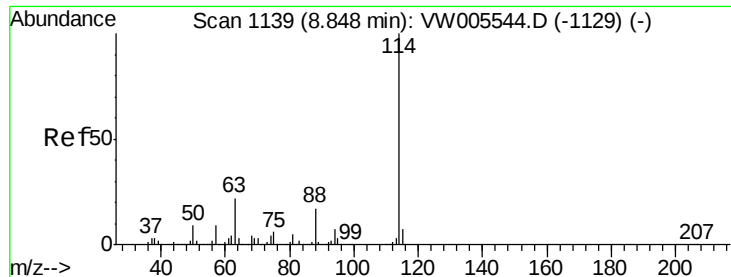
Tgt Ion: 65 Resp: 171395

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.6

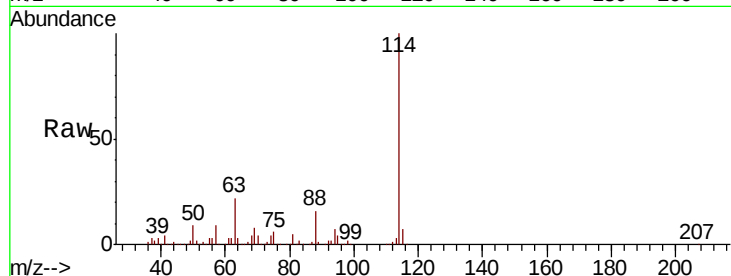




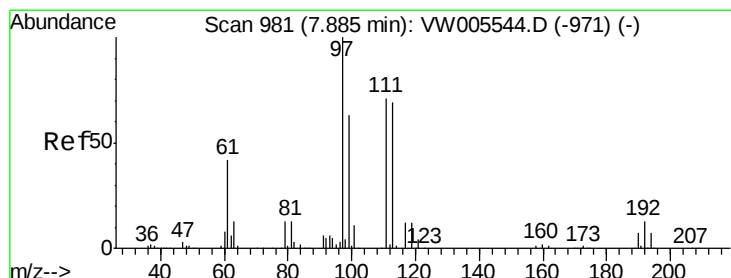
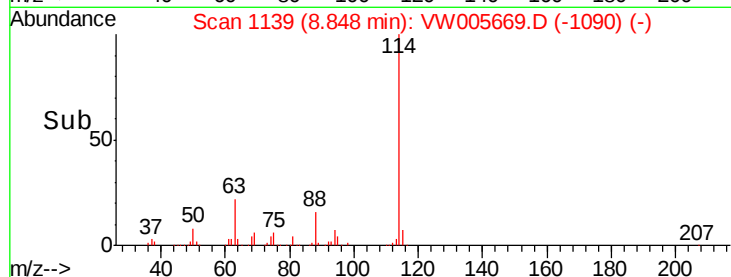
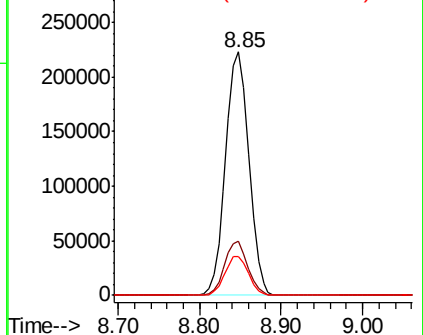
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.0
88	16.2	0.0	33.0

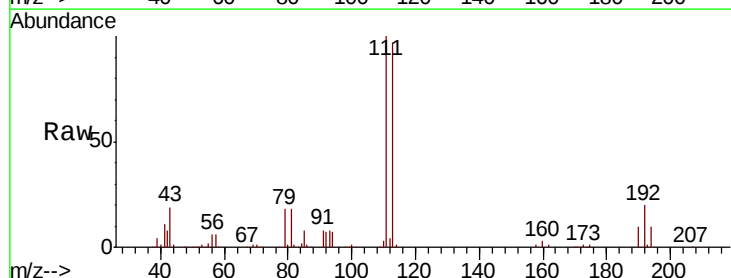


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

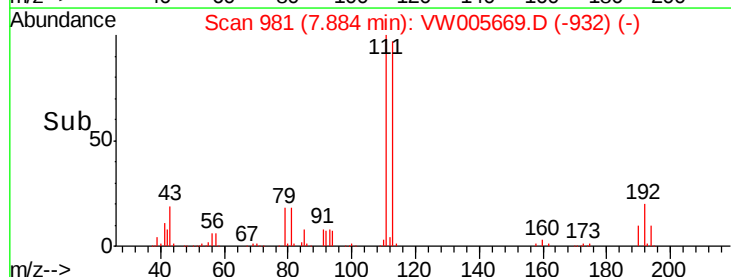
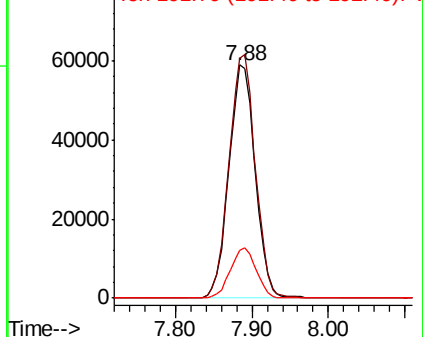


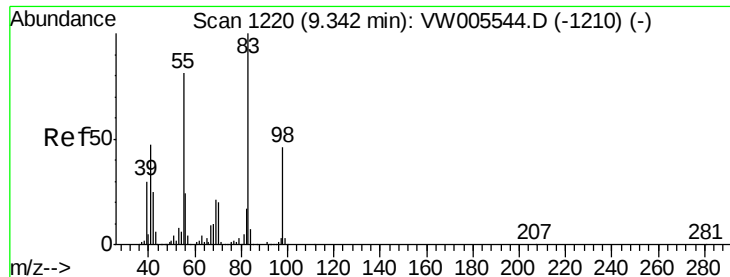
#35
 Dibromofluoromethane
 Concen: 50.586 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	123.8
192	21.1	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

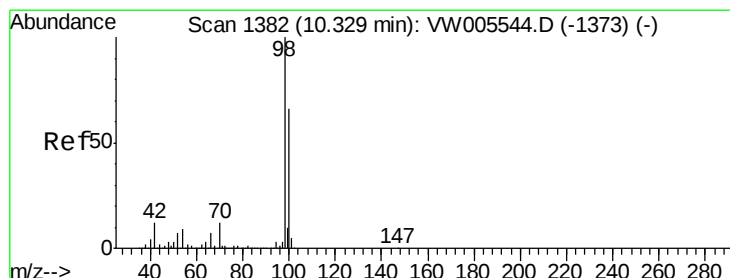
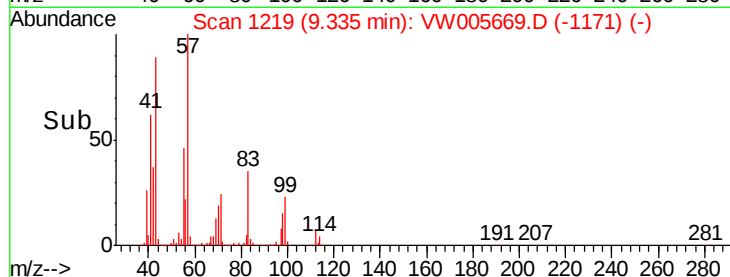
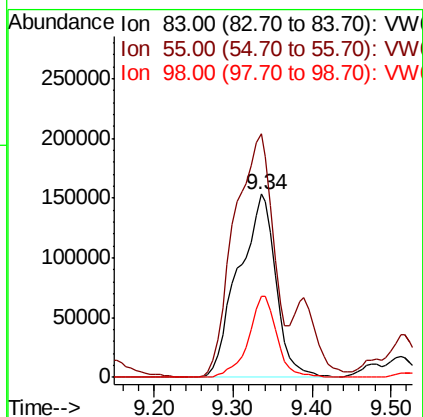
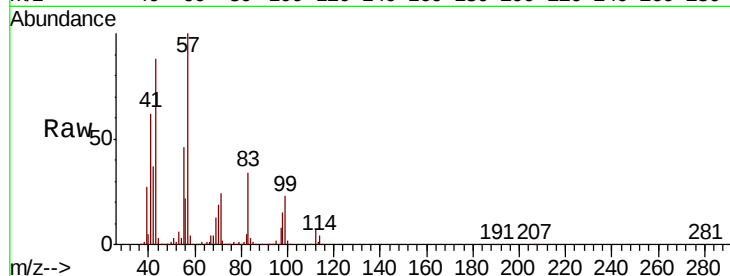




#39
Methvlcvclohexane
Concen: 96.599 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

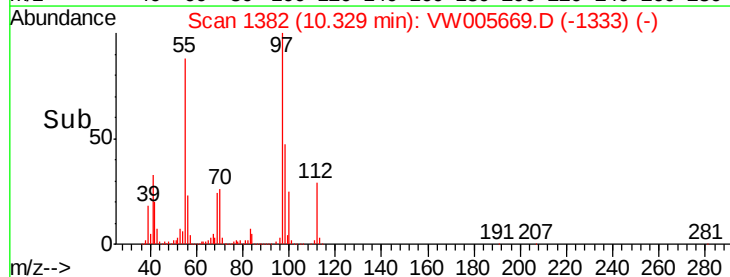
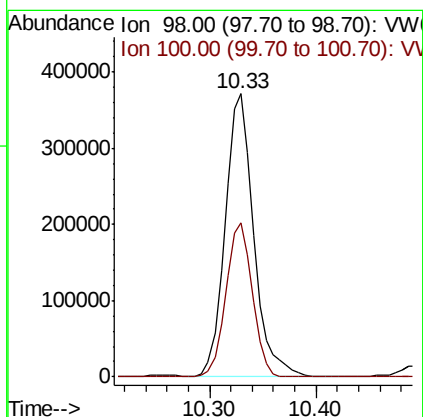
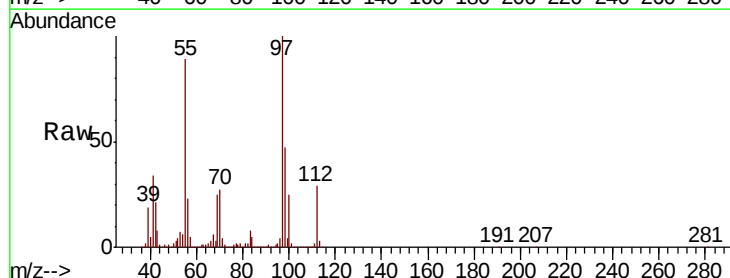
Instrument :
MSVOA_W
ClientSampleId :
TP-1-D

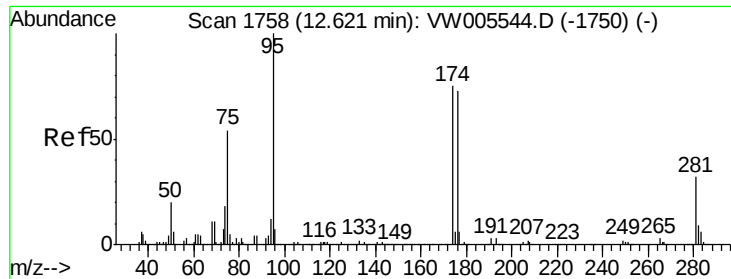
Tot Ion: 83 Resp: 504875
Ion Ratio Lower Upper
83 100
55 132.6 64.6 97.0#
98 44.4 37.0 55.6



#50
Toluene-d8
Concen: 61.799 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 98 Resp: 696359
Ion Ratio Lower Upper
98 100
100 50.3 51.6 77.4#

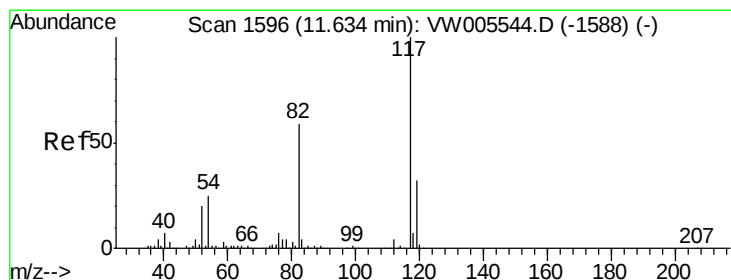
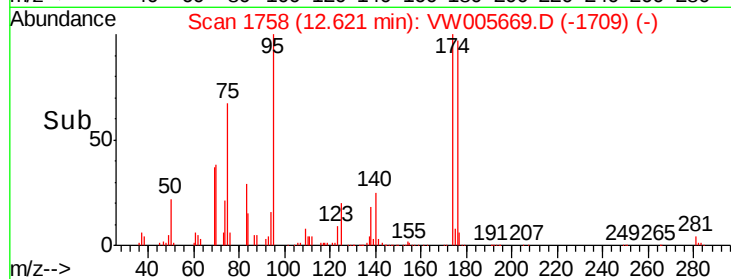
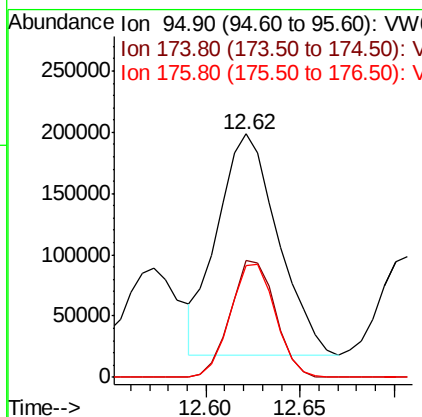
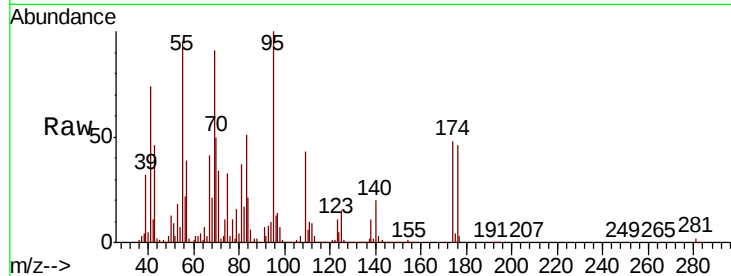




#62
4-Bromofluorobenzene
Concen: 96.399 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

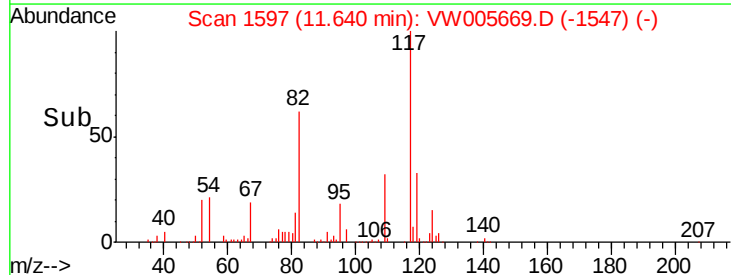
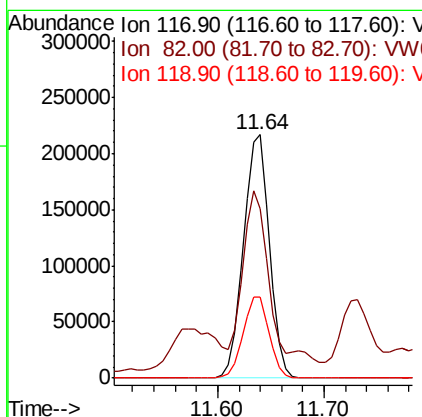
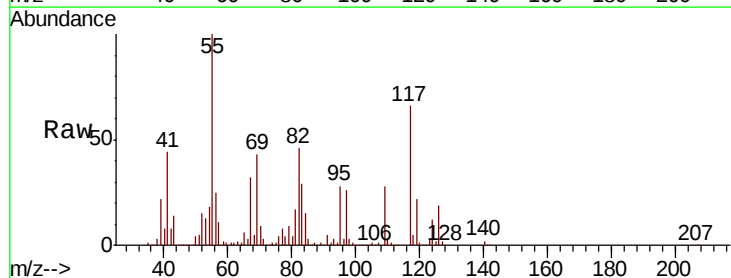
Instrument :
MSVOA_W
ClientSampled :
TP-1-D

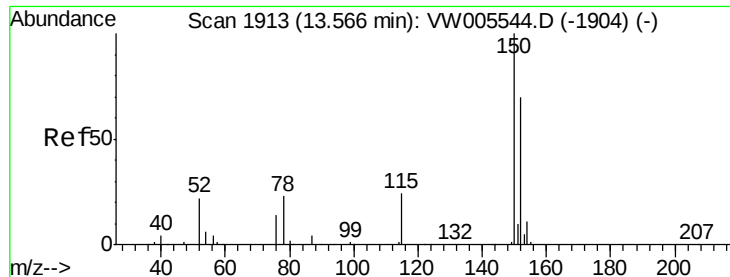
Tot Ion: 95 Resp: 401934
Ion Ratio Lower Upper
95 100
174 39.6 0.0 163.8
176 38.3 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 117 Resp: 372167
Ion Ratio Lower Upper
117 100
82 53.8 46.9 70.3
119 33.0 25.7 38.5



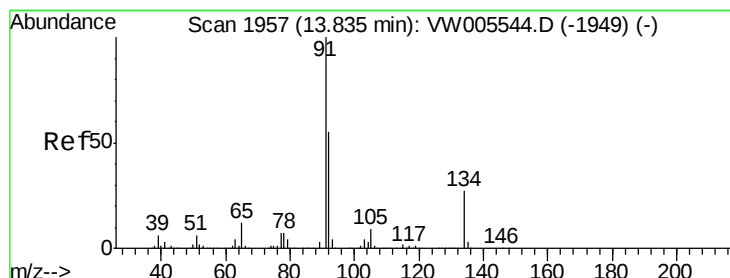
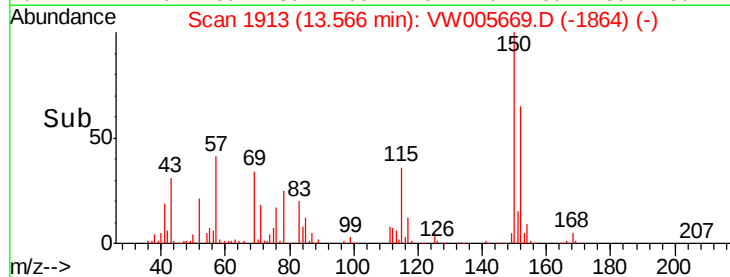
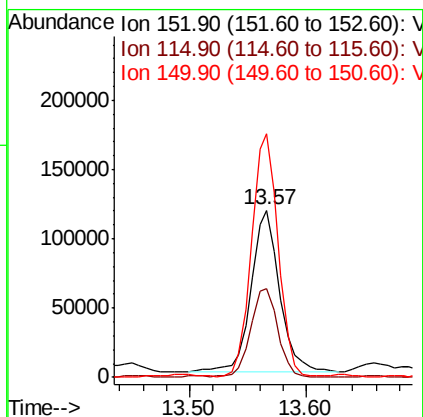
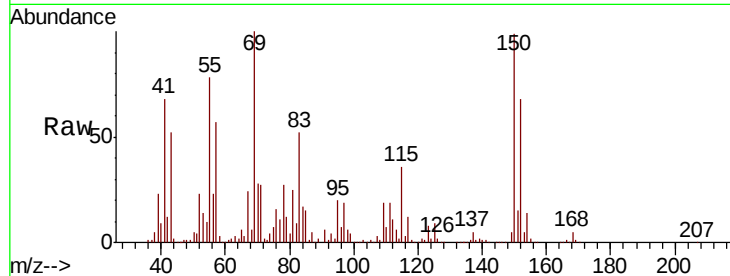


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Instrument :
MSVOA_W
ClientSampleId :
TP-1-D

Tot Ion:152 Resp: 198809
Ion Ratio Lower Upper
152 100
115 52.0 30.0 90.0
150 139.3 0.0 348.6



#89

n-Butylbenzene
Concen: 20.008 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 91 Resp: 247092
Ion Ratio Lower Upper
91 100
92 42.3 26.5 79.5
134 45.6 12.9 38.7#

