

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005146.D
 Acq On : 05 Sep 2018 22:34
 Operator : SY/AP
 Sample : J4712-13RE
 Misc : 6.61G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09RE

Quant Time: Sep 06 02:16:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	485866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	739335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137228	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	248427	61.68	ug/l	0.00
Spiked Amount			Recovery	=	123.36%	
35) Dibromofluoromethane	7.89	113	178804	41.85	ug/l	0.00
Spiked Amount			Recovery	=	83.70%	
50) Toluene-d8	10.33	98	606454	30.80	ug/l	0.00
Spiked Amount			Recovery	=	61.60%	
62) 4-Bromofluorobenzene	12.62	95	191622	27.60	ug/l	0.00
Spiked Amount			Recovery	=	55.20%	

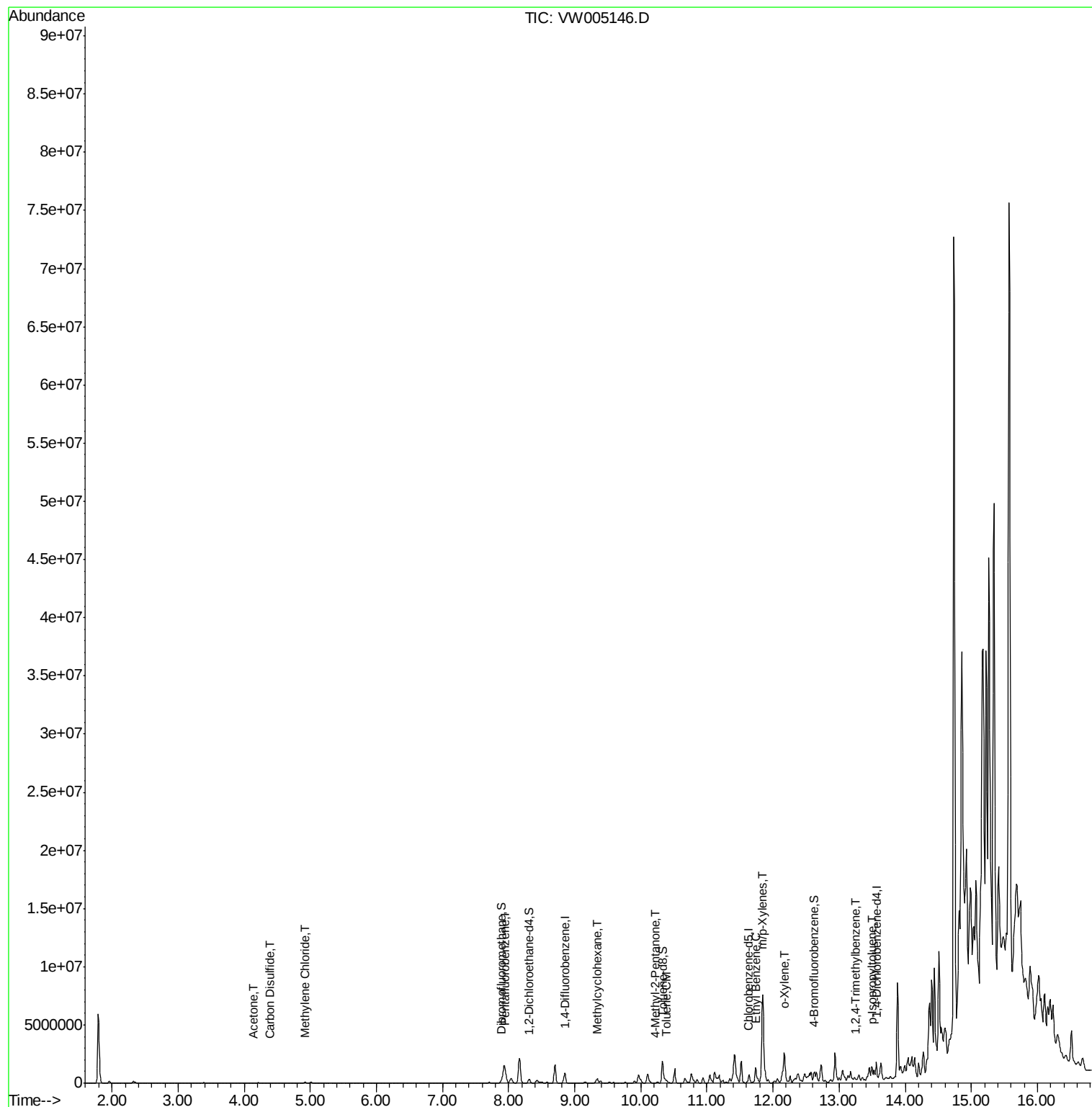
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	18831	23.31	ug/l	96
17) Carbon Disulfide	4.39	76	23662	1.73	ug/l	100
20) Methylene Chloride	4.92	84	44088	4.54	ug/l	98
39) Methylcyclohexane	9.34	83	130103	15.28	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	16638	5.18	ug/l #	87
52) Toluene	10.39	92	70158	4.80	ug/l	99
67) Ethyl Benzene	11.74	91	945616	59.90	ug/l	99
68) m/p-Xylenes	11.84	106	1919021	303.59	ug/l	99
69) o-Xylene	12.17	106	612711	104.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86706	10.17	ug/l	96
86) p-Isopropyltoluene	13.51	119	57730	6.35	ug/l	99

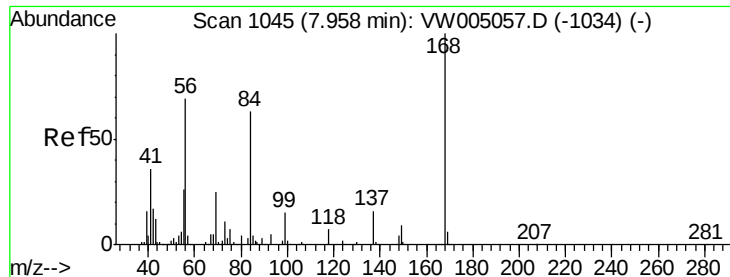
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

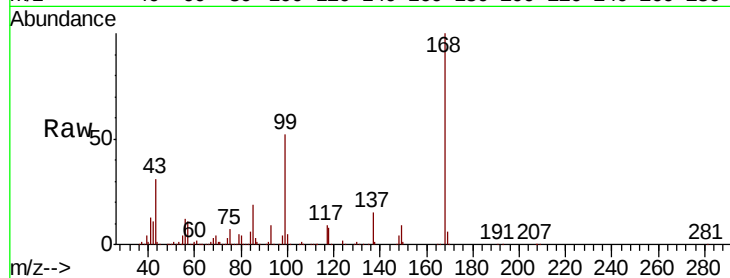
DW-09RE

Tot Ion:168 Resp: 485866

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

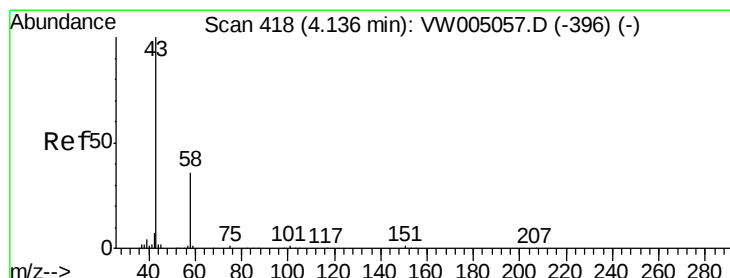
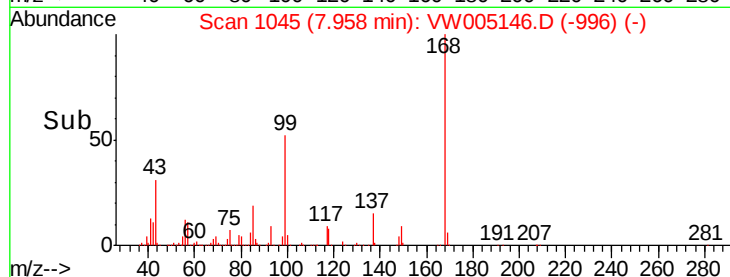
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 23.31 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005146.D

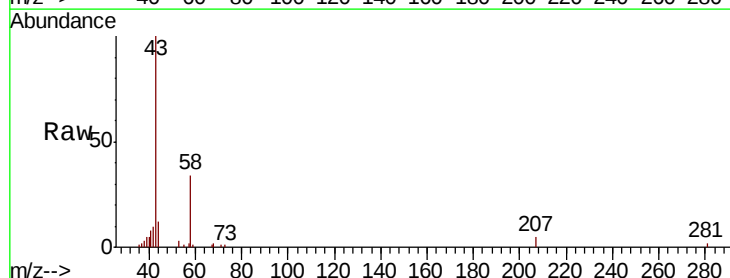
Acq: 05 Sep 2018 22:34

Tgt Ion: 43 Resp: 18831

Ion Ratio Lower Upper

43 100

58 33.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

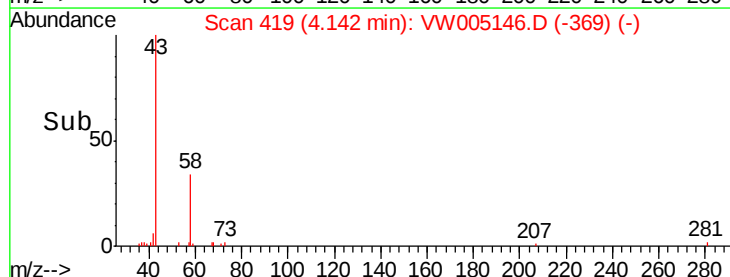
4000

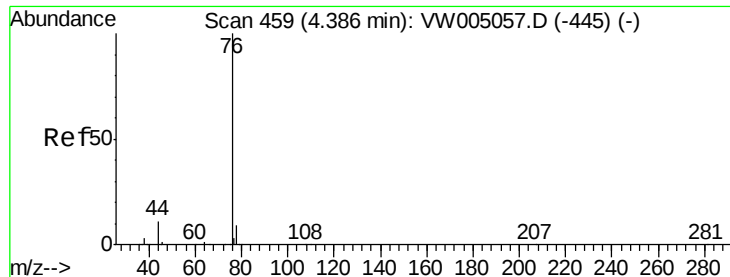
2000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 1.73 ug/l

RT: 4.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

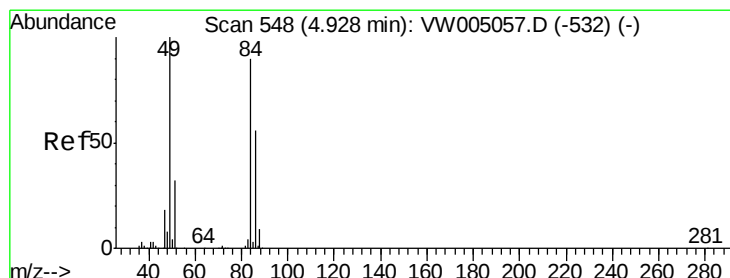
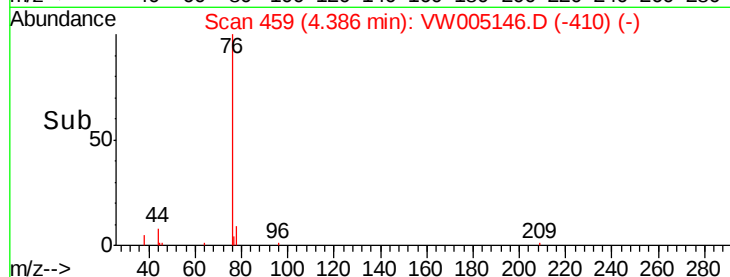
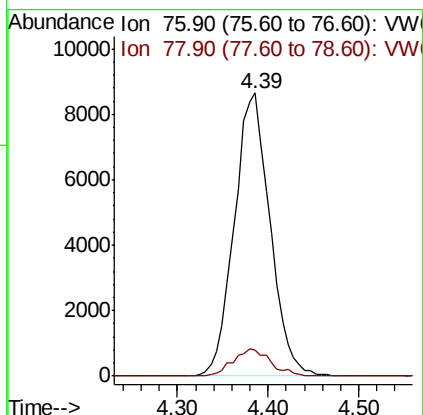
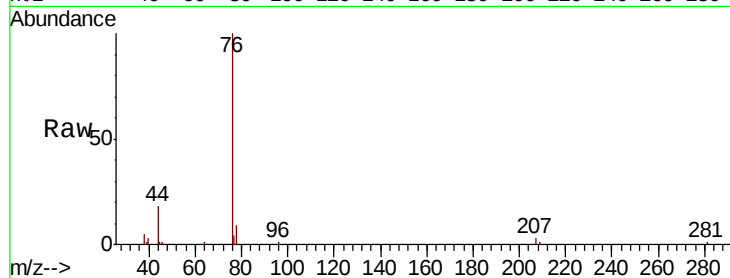
DW-09RE

Tot Ion: 76 Resp: 23662

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#20

Methylene Chloride

Concen: 4.54 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Tgt Ion: 84 Resp: 44088

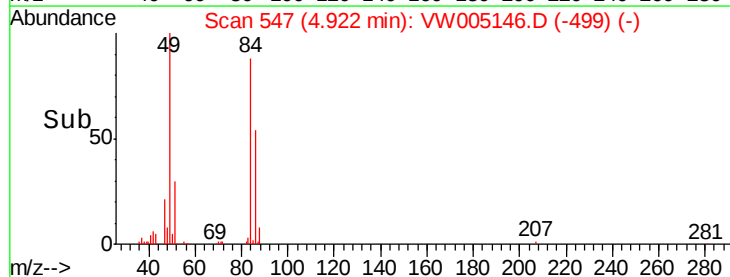
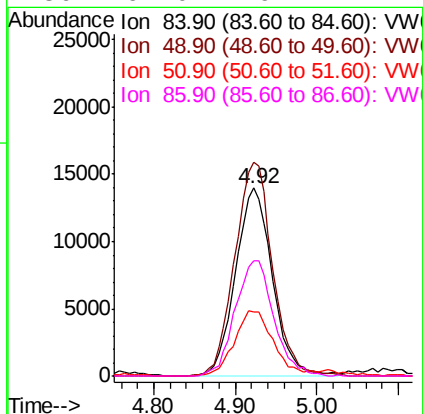
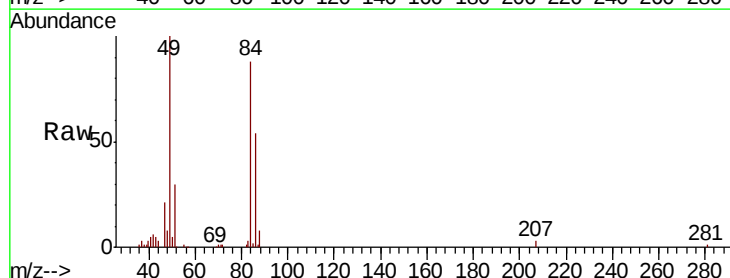
Ion Ratio Lower Upper

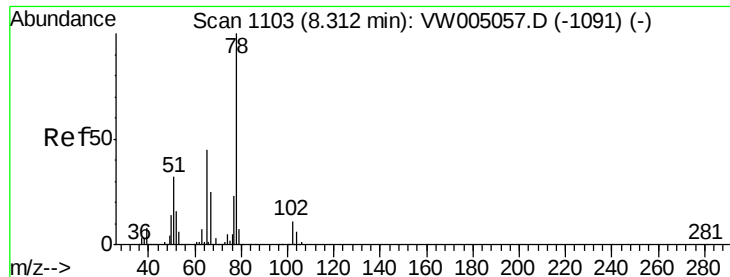
84 100

49 113.6 88.7 133.1

51 33.7 28.6 42.8

86 61.0 49.4 74.2





#33

1,2-Dichloroethane-d4

Concen: 61.68 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

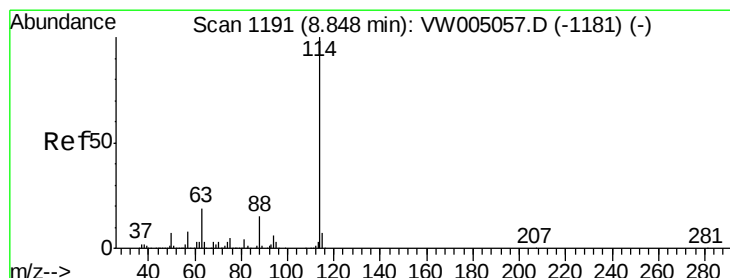
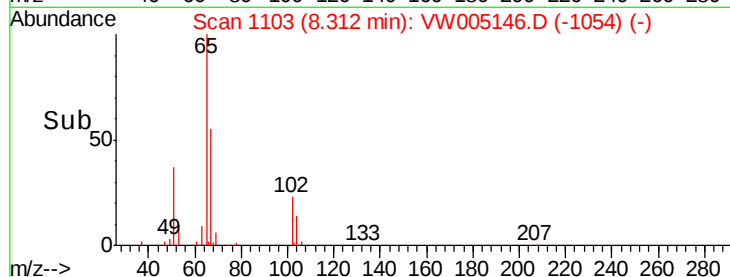
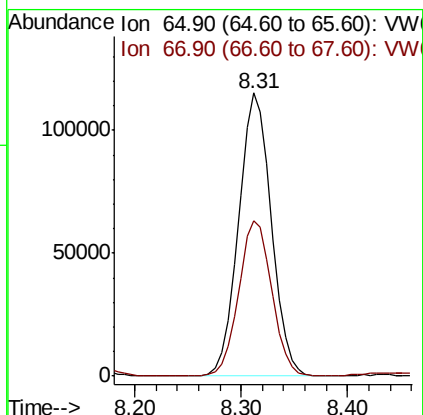
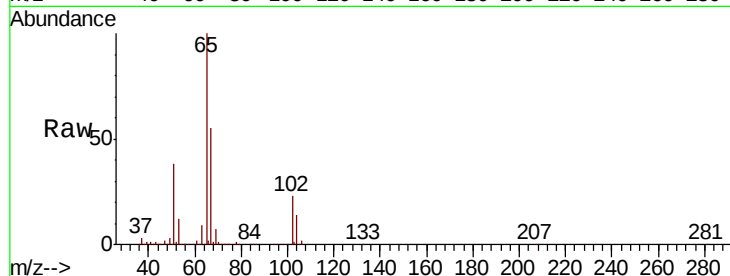
DW-09RE

Tot Ion: 65 Resp: 248427

Ion Ratio Lower Upper

65 100

67 55.2 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: VW005146.D

Acq: 05 Sep 2018 22:34

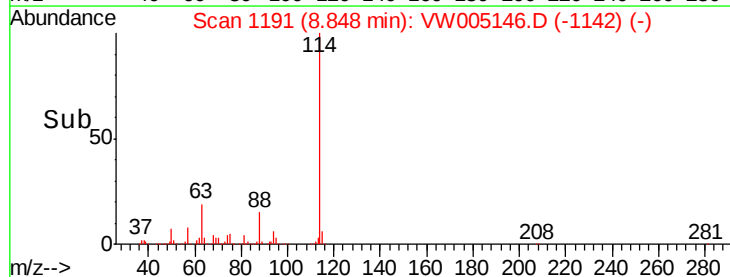
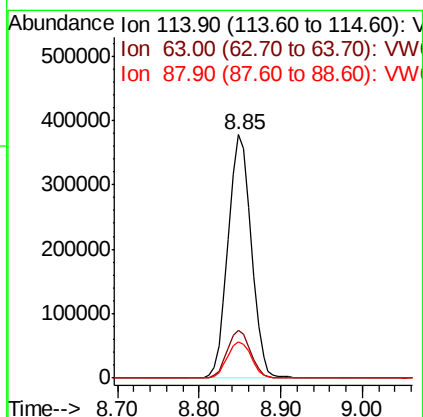
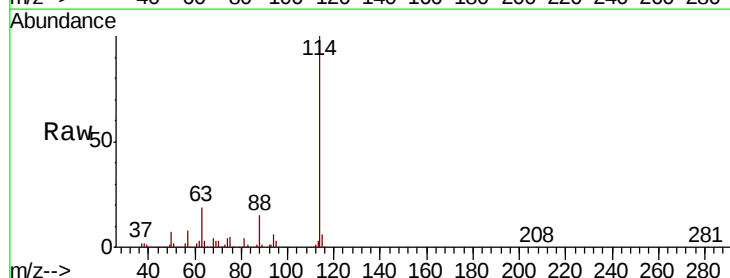
Tgt Ion: 114 Resp: 739335

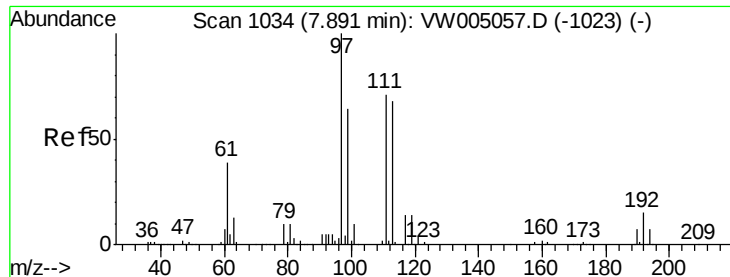
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 15.1 0.0 30.2

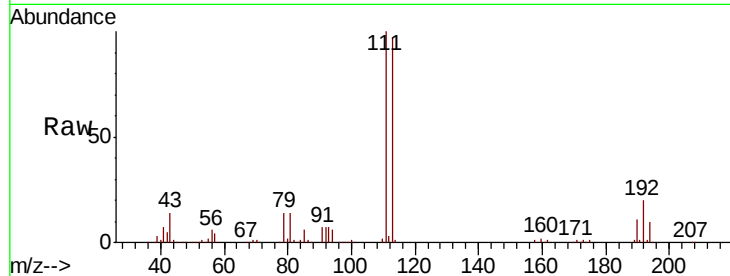




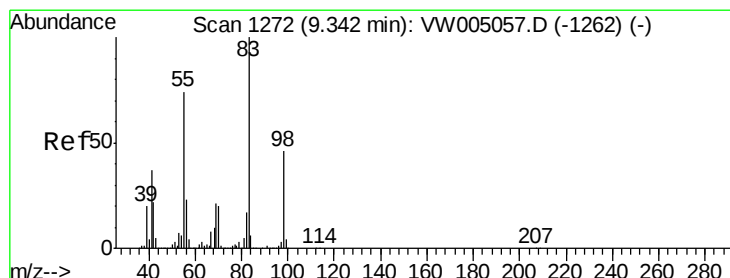
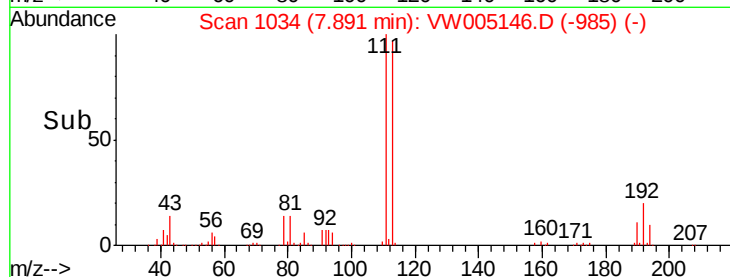
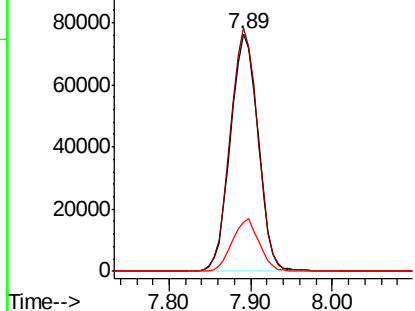
#35
 Dibromofluoromethane
 Concen: 41.85 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005146.D
 Acq: 05 Sep 2018 22:34

Instrument :
 MSVOA_W
 ClientSampled :
 DW-09RE

Tot Ion:113 Resp: 178804
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 21.3 18.1 27.1

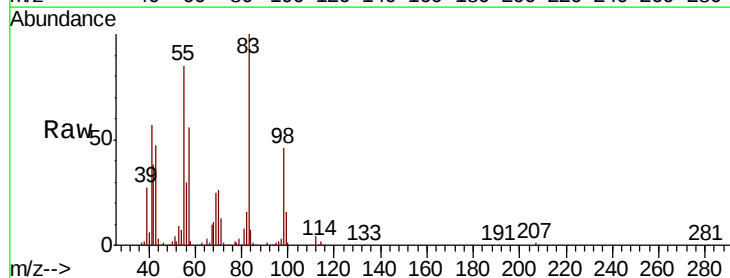


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

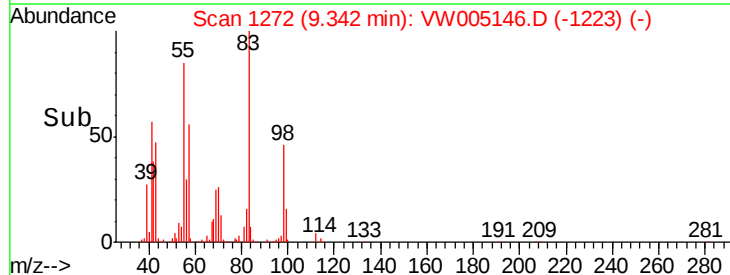
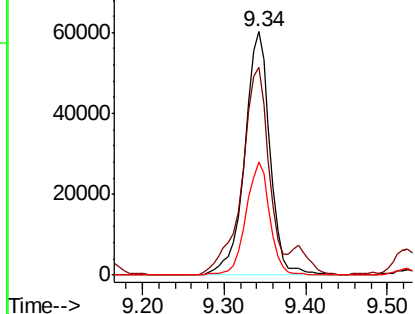


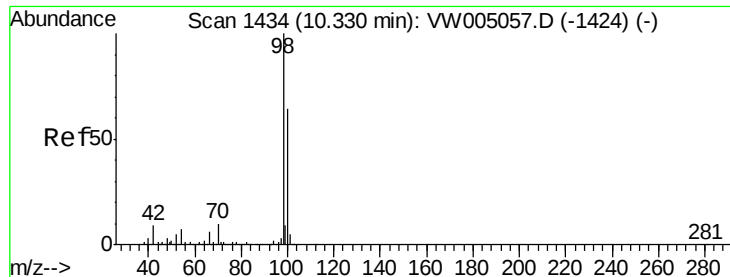
#39
 Methylcyclohexane
 Concen: 15.28 ug/l
 RT: 9.34 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VW005146.D
 Acq: 05 Sep 2018 22:34

Tgt Ion: 83 Resp: 130103
 Ion Ratio Lower Upper
 83 100
 55 84.8 58.9 88.3
 98 46.3 36.8 55.2



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 30.80 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

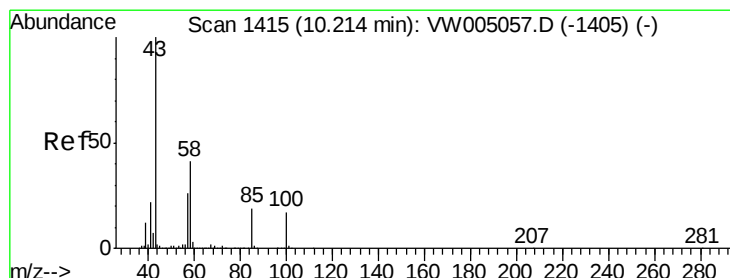
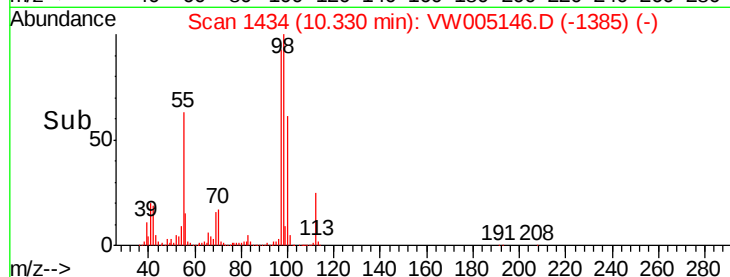
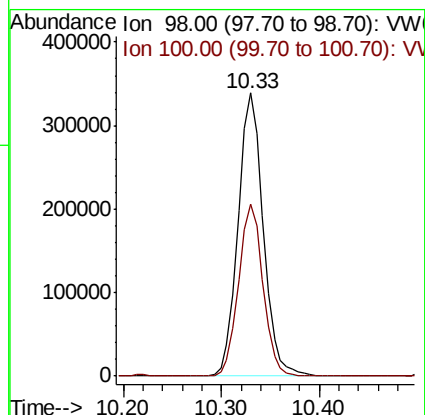
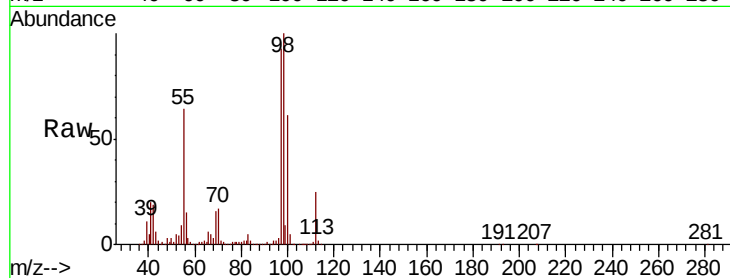
DW-09RE

Tot Ion: 98 Resp: 606454

Ion Ratio Lower Upper

98 100

100 58.9 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 5.18 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005146.D

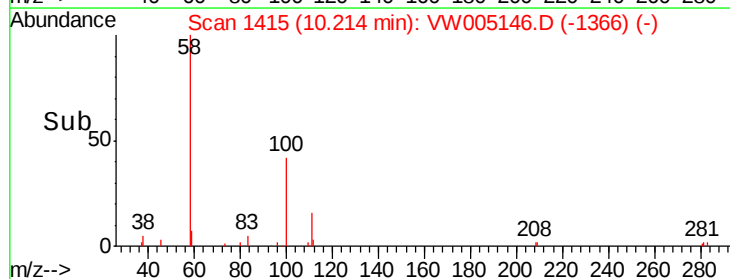
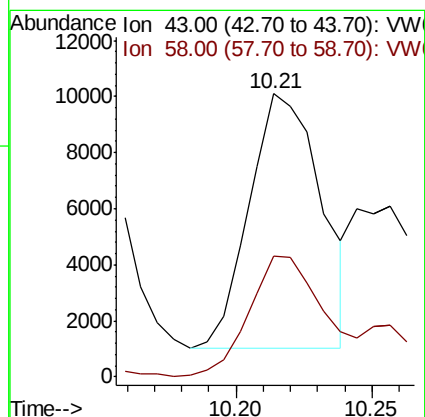
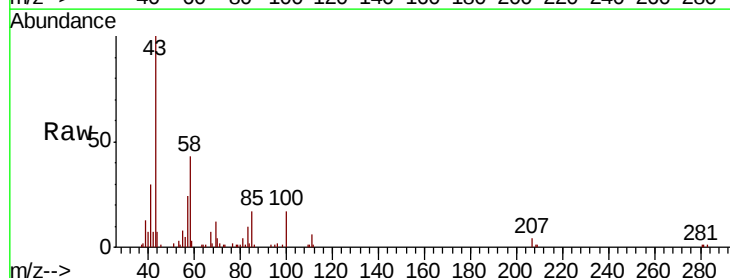
Acq: 05 Sep 2018 22:34

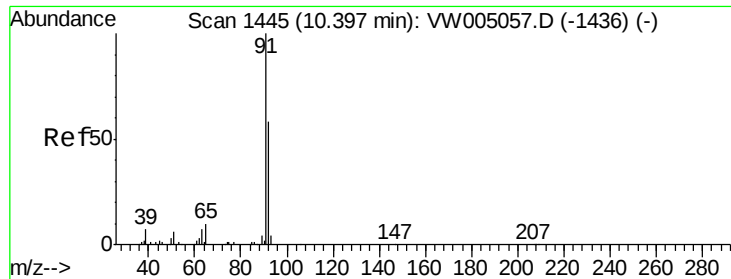
Tgt Ion: 43 Resp: 16638

Ion Ratio Lower Upper

43 100

58 50.1 33.3 49.9#





#52

Toluene

Concen: 4.80 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

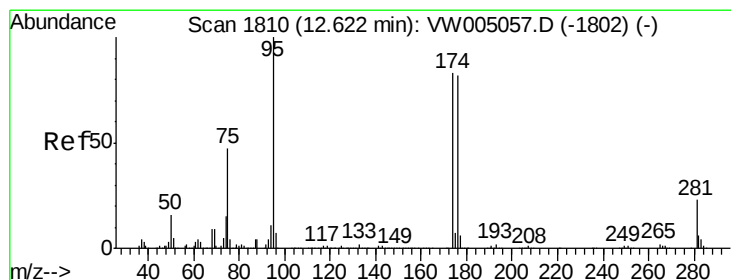
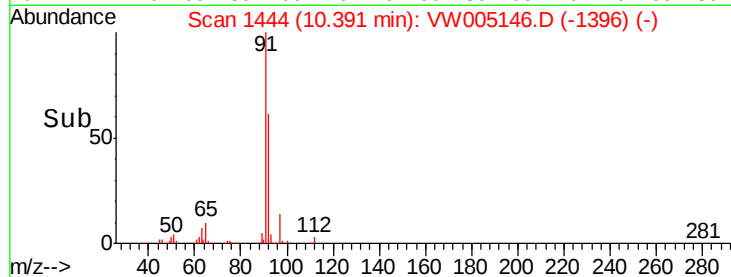
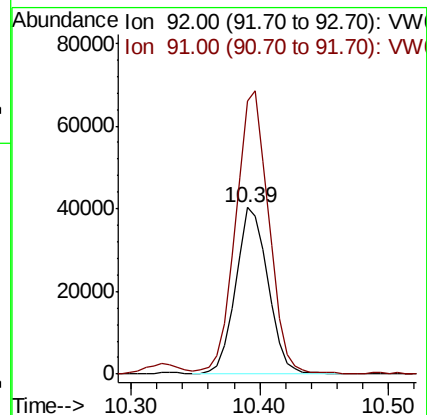
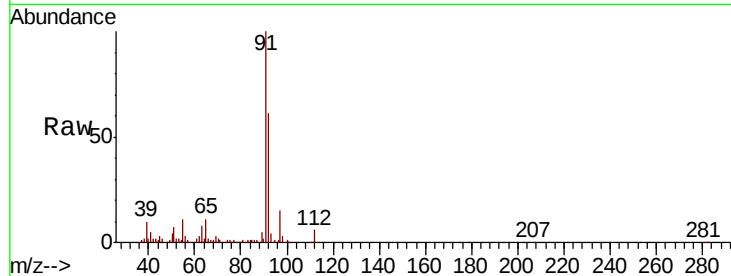
DW-09RE

Tot Ion: 92 Resp: 70158

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 27.60 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

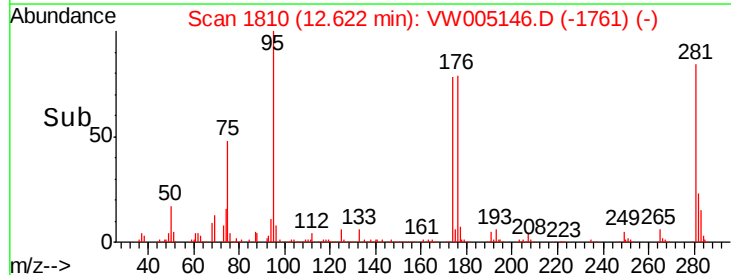
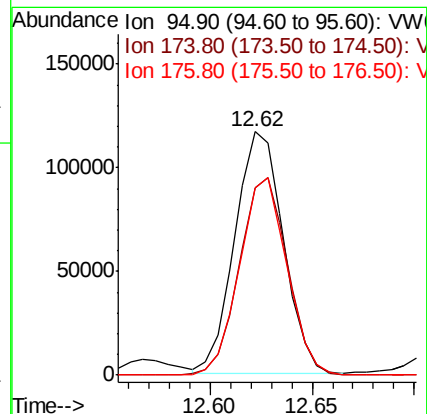
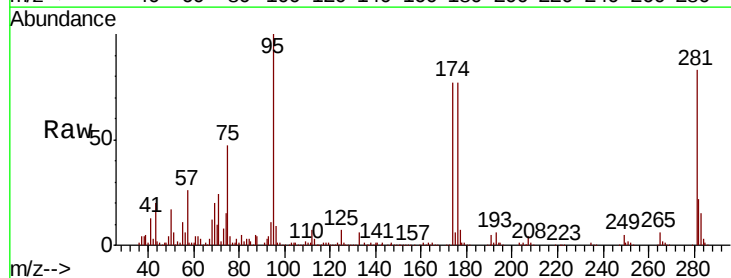
Tgt Ion: 95 Resp: 191622

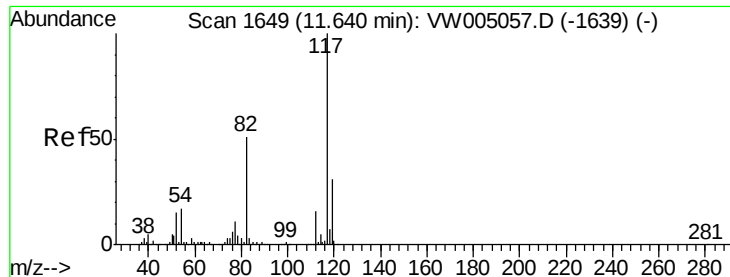
Ion Ratio Lower Upper

95 100

174 81.4 0.0 173.4

176 80.1 0.0 167.4

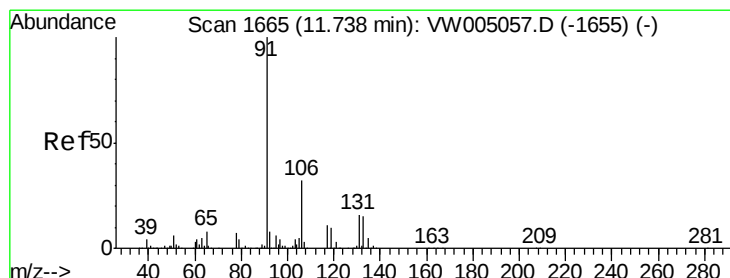
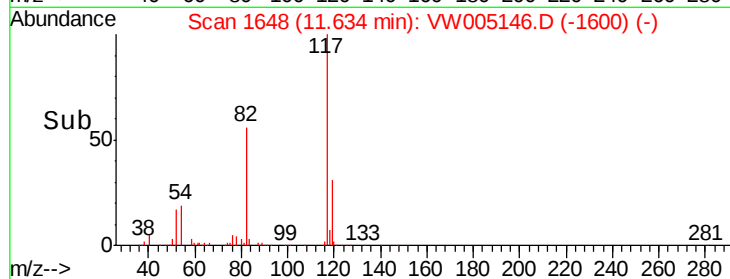
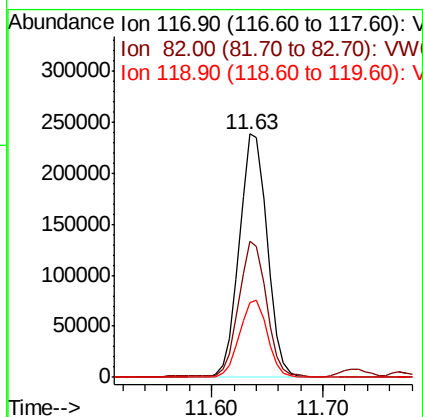
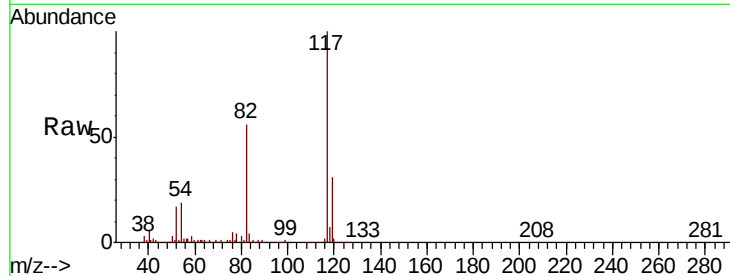




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005146.D
Acq: 05 Sep 2018 22:34

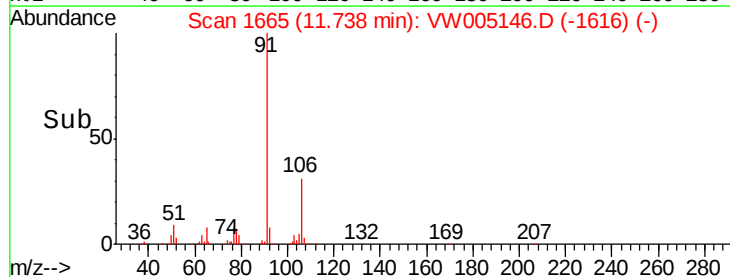
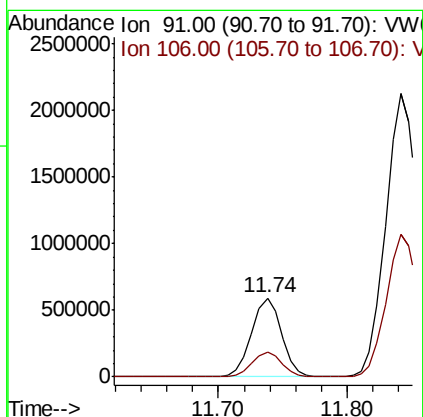
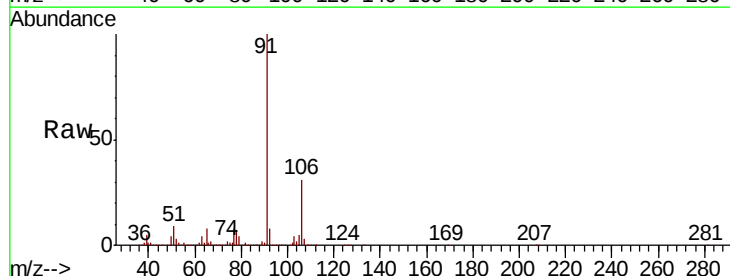
Instrument :
MSVOA_W
ClientSampleId :
DW-09RE

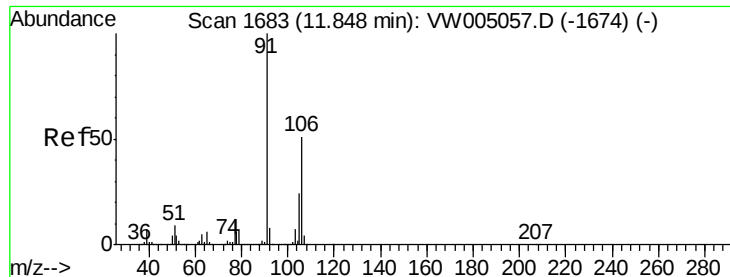
Tot Ion:117 Resp: 414820
Ion Ratio Lower Upper
117 100
82 55.5 40.9 61.3
119 30.9 24.9 37.3



#67
Ethyl Benzene
Concen: 59.90 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005146.D
Acq: 05 Sep 2018 22:34

Tgt Ion: 91 Resp: 945616
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

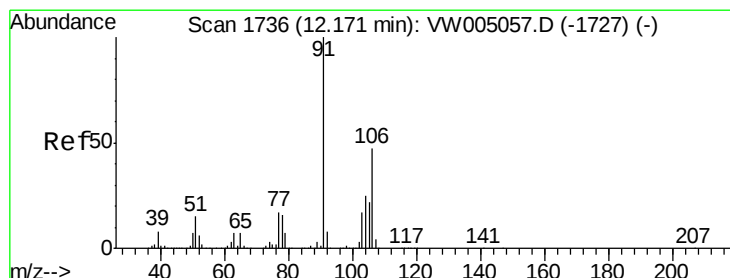
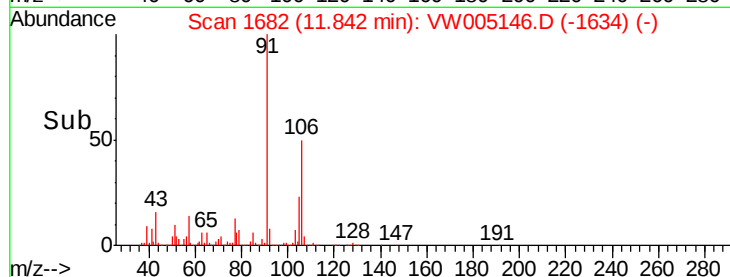
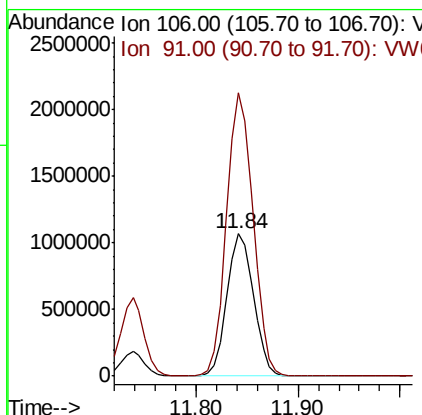
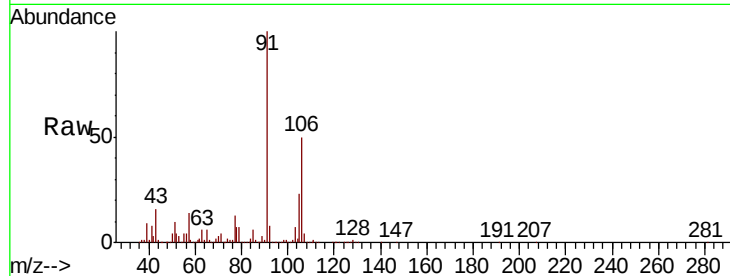




#68
m/p-Xylenes
Concen: 303.59 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005146.D
Acq: 05 Sep 2018 22:34

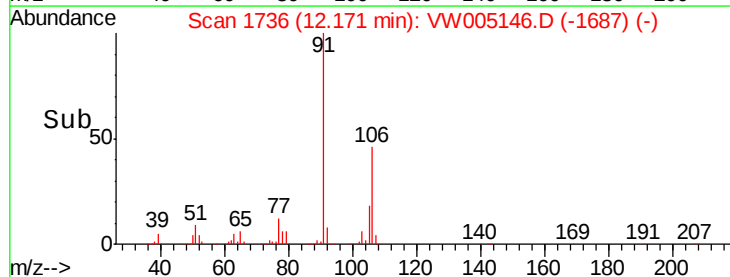
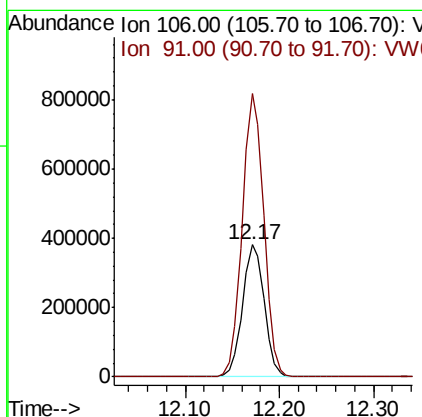
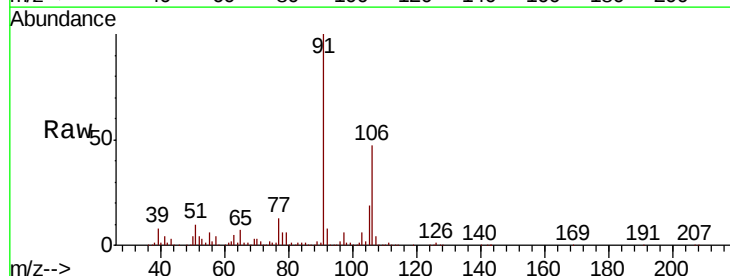
Instrument :
MSVOA_W
ClientSampled :
DW-09RE

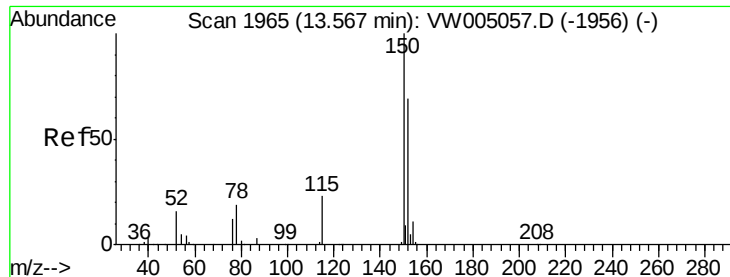
Tot Ion:106 Resp: 1919021
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6



#69
o-Xylene
Concen: 104.84 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005146.D
Acq: 05 Sep 2018 22:34

Tgt Ion:106 Resp: 612711
Ion Ratio Lower Upper
106 100
91 213.4 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005146.D

Acq: 05 Sep 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

DW-09RE

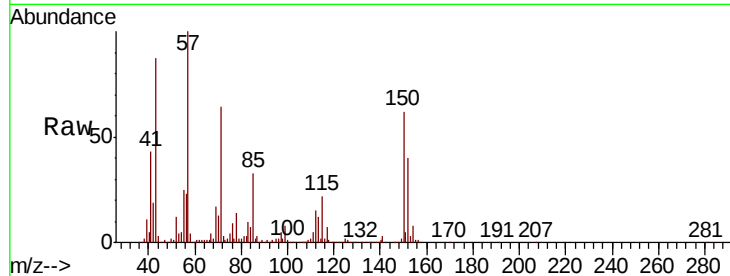
Tot Ion:152 Resp: 137228

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

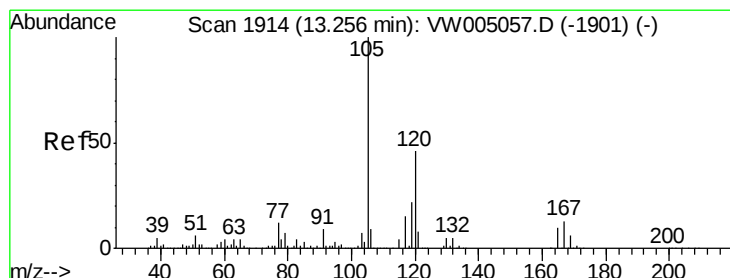
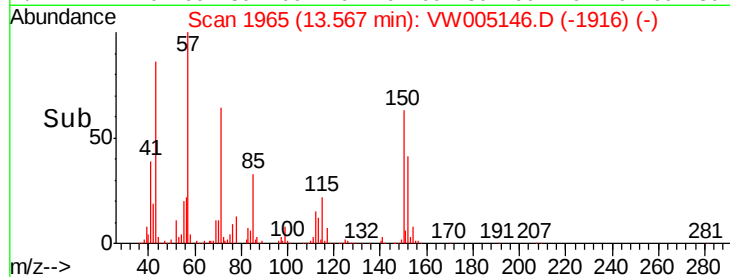
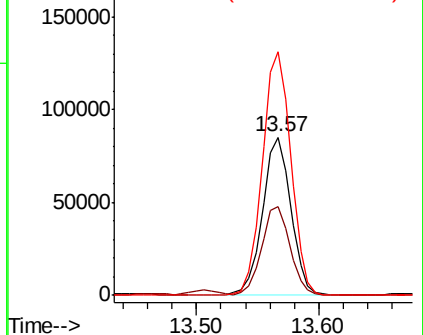
150 155.2 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 10.17 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW005146.D

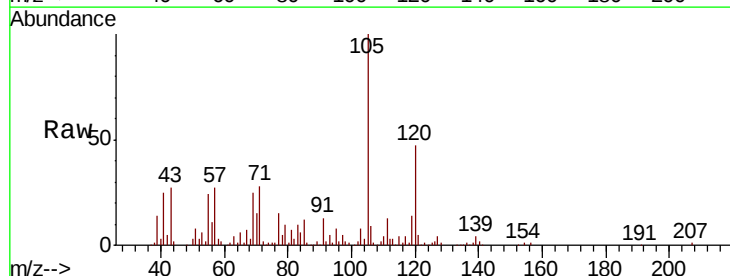
Acq: 05 Sep 2018 22:34

Tgt Ion:105 Resp: 86706

Ion Ratio Lower Upper

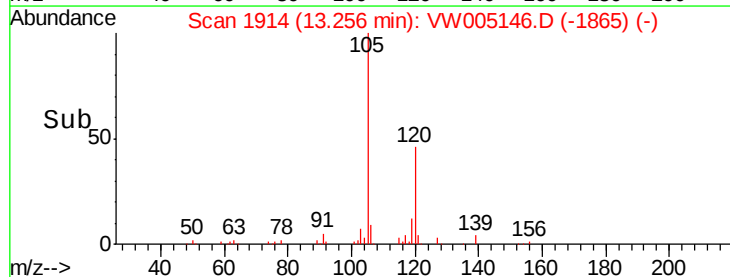
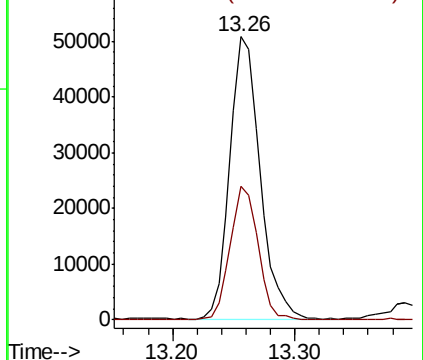
105 100

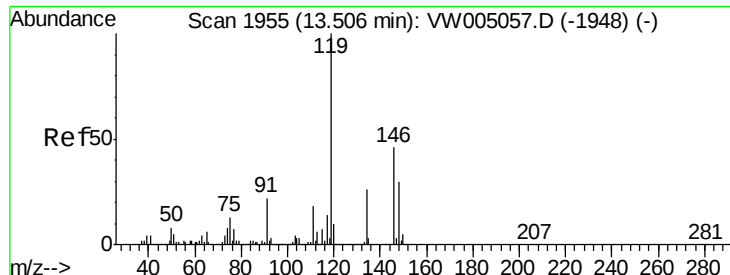
120 43.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

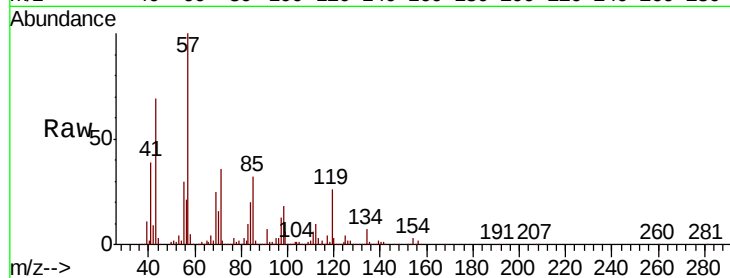




#86
 p-Isopropyltoluene
 Concen: 6.35 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005146.D
 Acq: 05 Sep 2018 22:34

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.8
91	21.6	10.9	32.9



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

