

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005671.D
 Acq On : 26 Sep 2018 23:17
 Operator : VA/AP
 Sample : J5081-20
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

Quant Time: Sep 27 07:31:17 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	258195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	368471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	381189	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	178152	58.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.14%	
35) Dibromofluoromethane	7.88	113	139864	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	
50) Toluene-d8	10.34	98	8167050	738.52	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	1477.04%	
62) 4-Bromofluorobenzene	12.62	95	930188	227.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	454.64%	

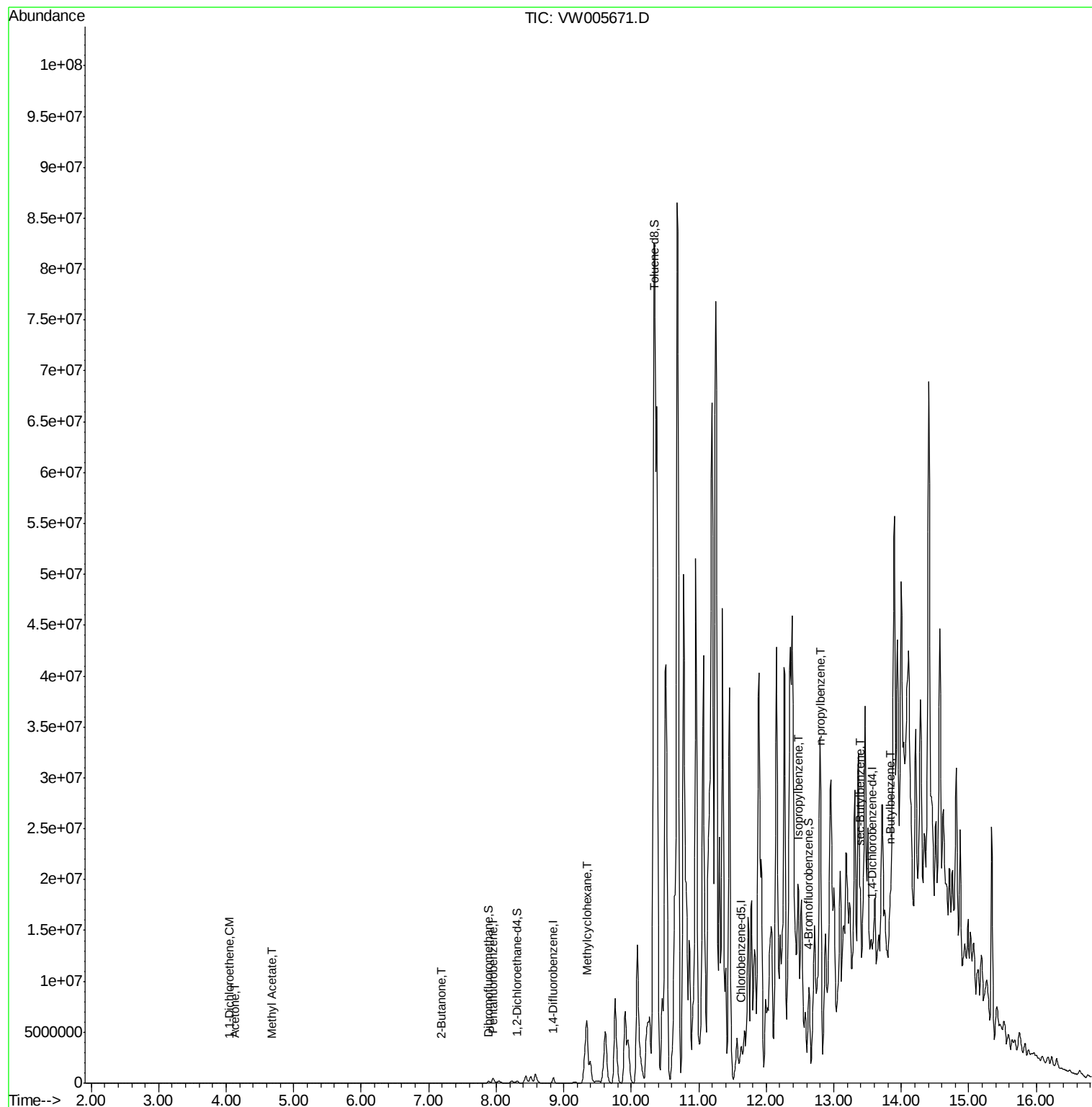
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	5619	2.390	ug/l #	79
16) Acetone	4.14	43	72416	147.573	ug/l	99
18) Methyl Acetate	4.67	43	9042	6.272	ug/l	100
25) 2-Butanone	7.19	43	11694	15.829	ug/l	98
39) Methylcyclohexane	9.34	83	2870583	559.639	ug/l	90
73) Isopropylbenzene	12.48	105	3198001	120.979	ug/l	100
78) n-propylbenzene	12.81	91	3379607	105.600	ug/l	98
85) sec-Butylbenzene	13.40	105	1013649	36.193	ug/l #	67
89) n-Butylbenzene	13.83	91	374905	15.833	ug/l	96

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

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Quant Time: Sep 27 07:31:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
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: VW005671.D

Acq: 26 Sep 2018 23:17

Instrument :

MSVOA_W

ClientSampled :

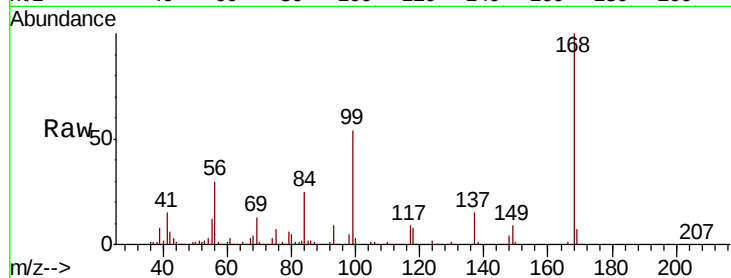
TP-2-D

Tot Ion:168 Resp: 258195

Ion Ratio Lower Upper

168 100

99 54.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

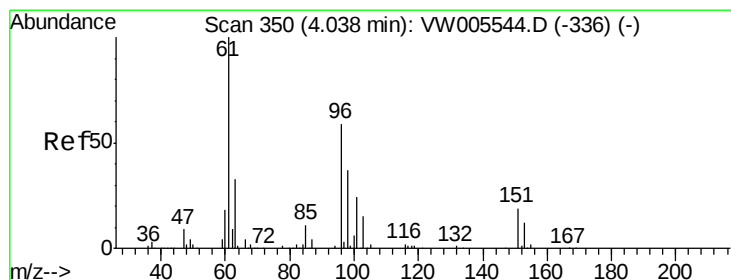
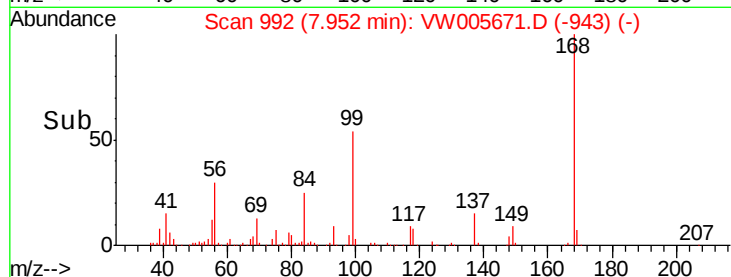
7.95

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 2.390 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

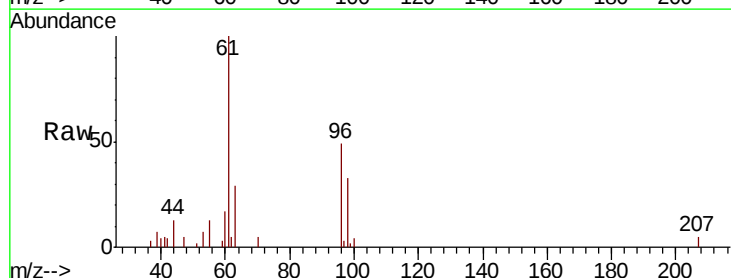
Tgt Ion: 96 Resp: 5619

Ion Ratio Lower Upper

96 100

61 204.5 135.0 202.6#

98 67.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

4000

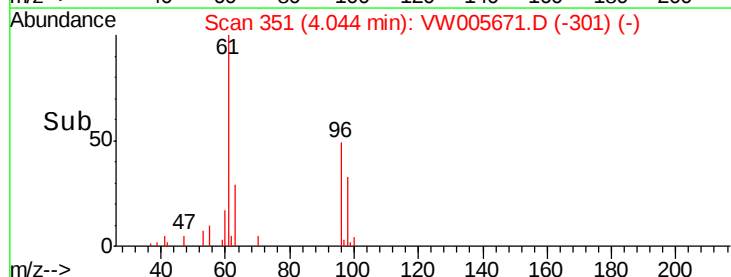
3000

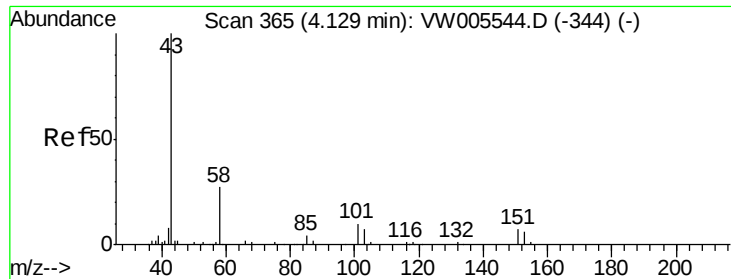
2000

1000

0

Time-->

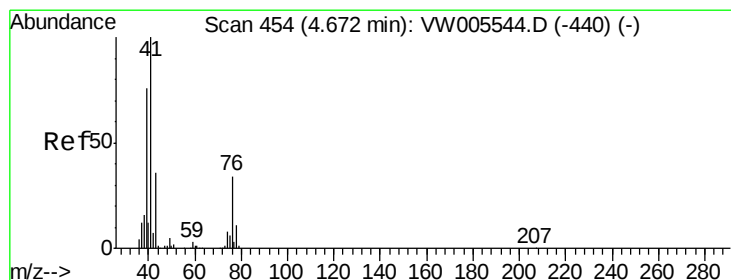
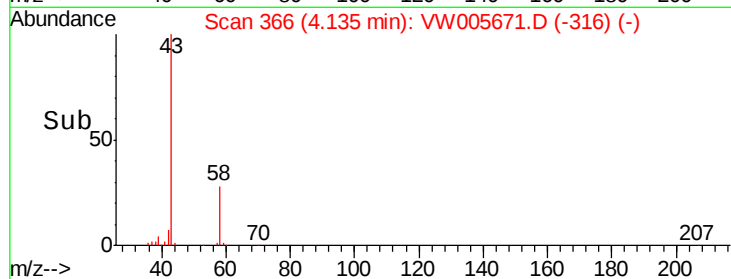
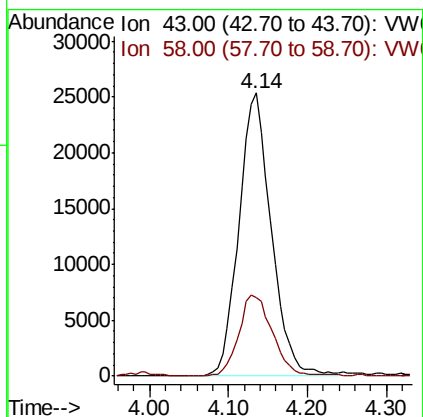
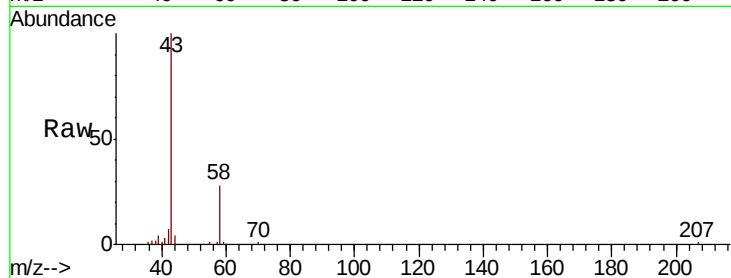




#16
Acetone
Concen: 147.573 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

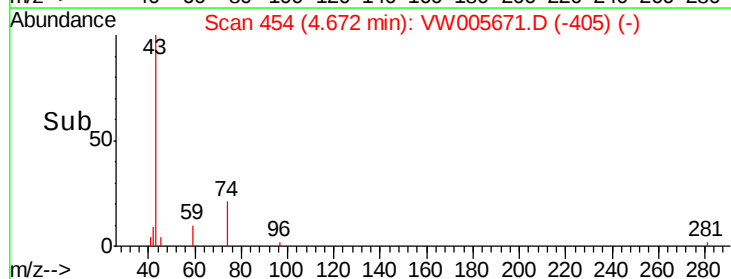
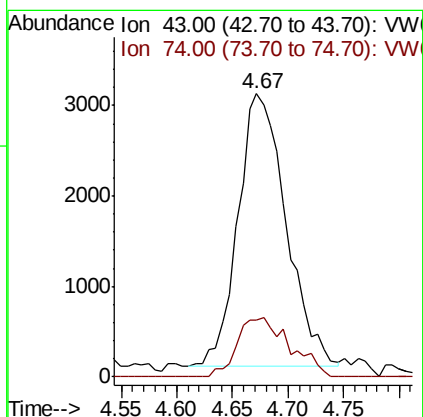
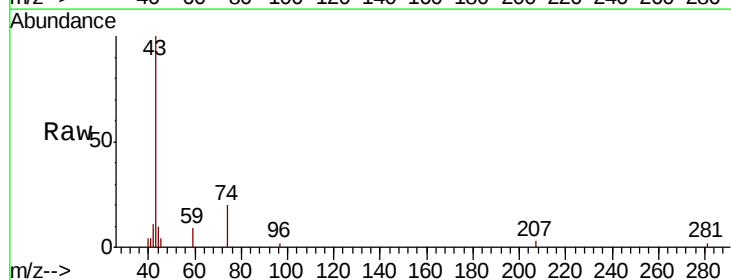
Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

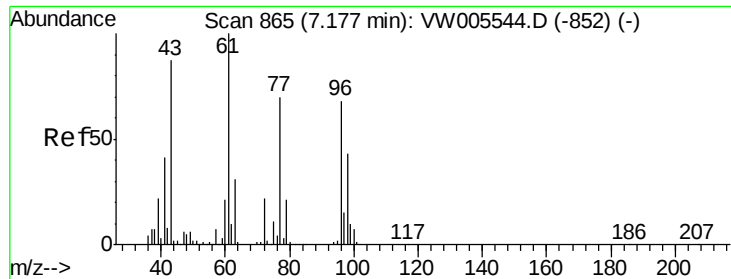
Tot Ion: 43 Resp: 72416
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.8



#18
Methyl Acetate
Concen: 6.272 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

Tgt Ion: 43 Resp: 9042
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#25

2-Butanone

Concen: 15.829 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

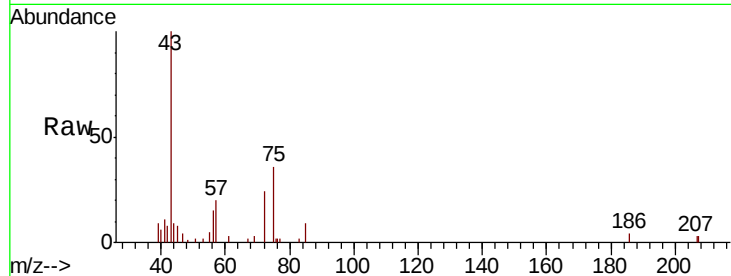
TP-2-D

Tot Ion: 43 Resp: 11694

Ion Ratio Lower Upper

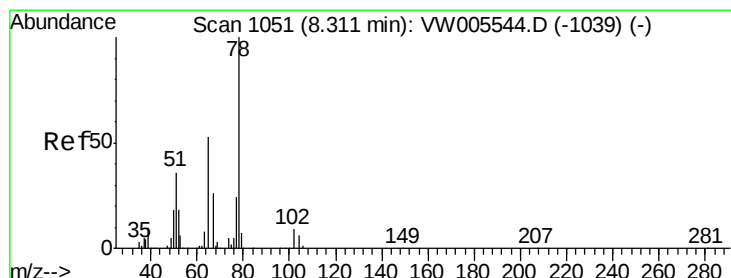
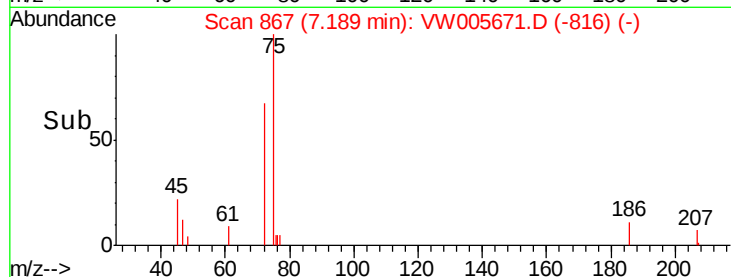
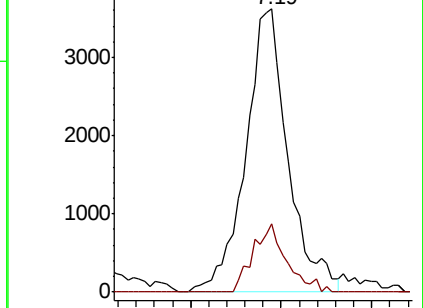
43 100

72 23.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 58.569 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005671.D

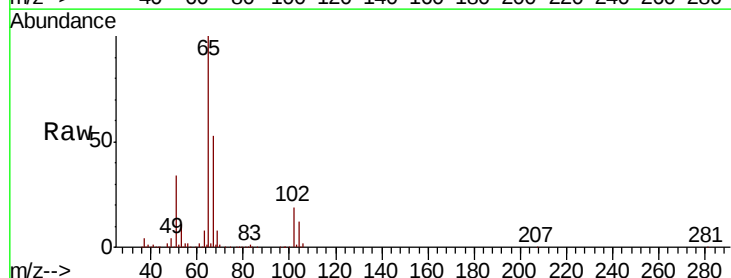
Acq: 26 Sep 2018 23:17

Tgt Ion: 65 Resp: 178152

Ion Ratio Lower Upper

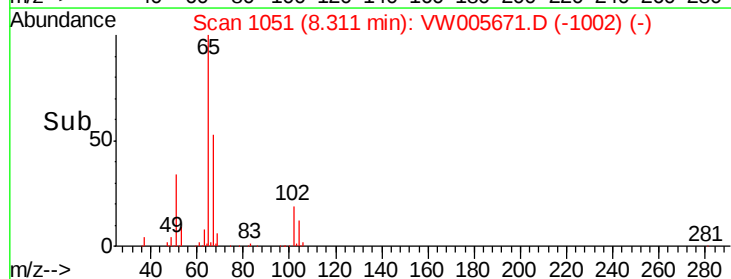
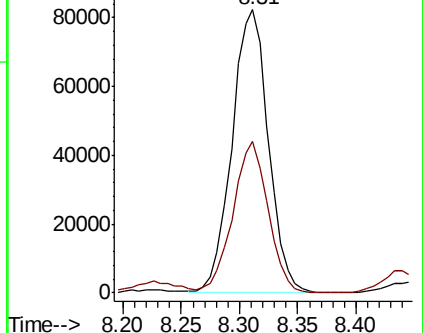
65 100

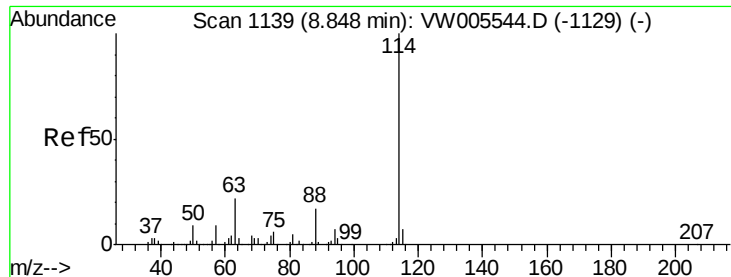
67 51.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

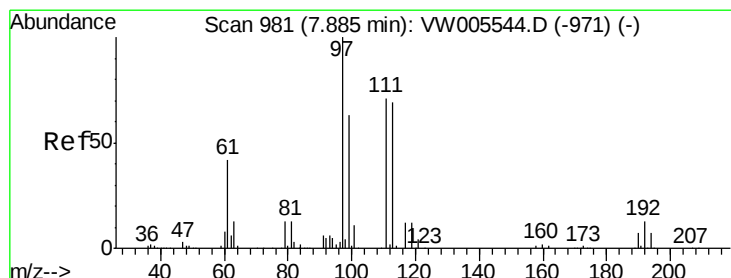
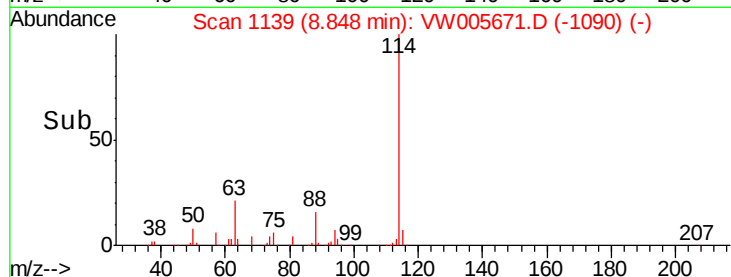
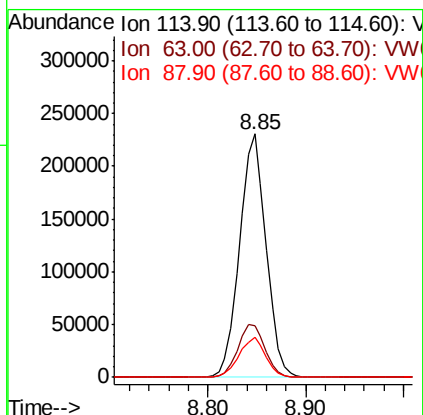
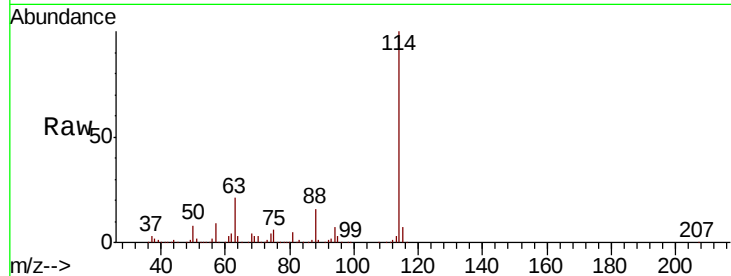




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005671.D
 Acq: 26 Sep 2018 23:17

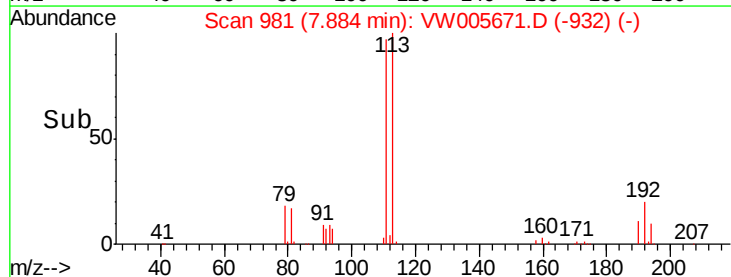
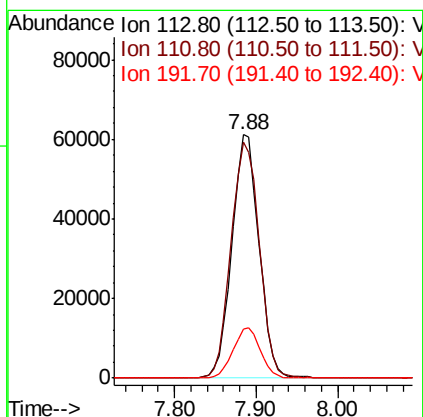
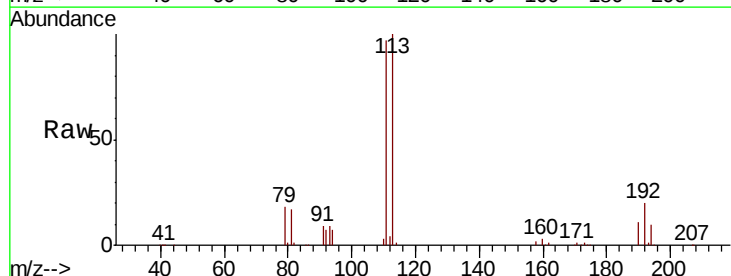
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-D

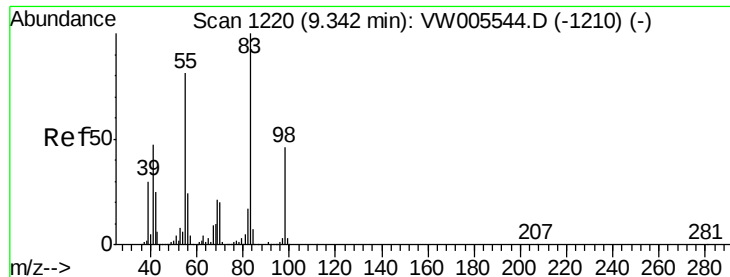
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.0
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 51.498 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005671.D
 Acq: 26 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	20.8	17.0	25.4

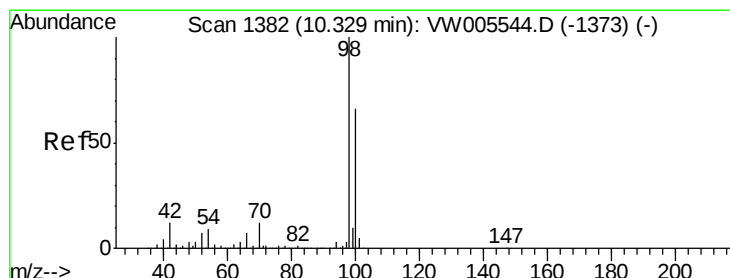
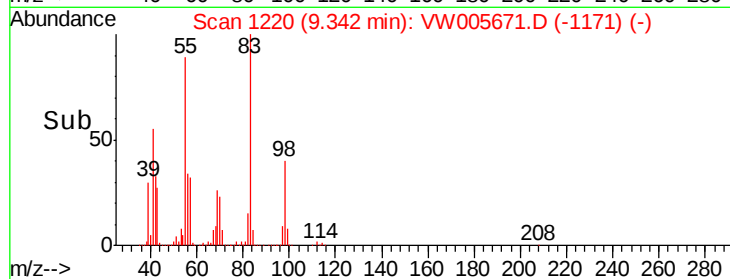
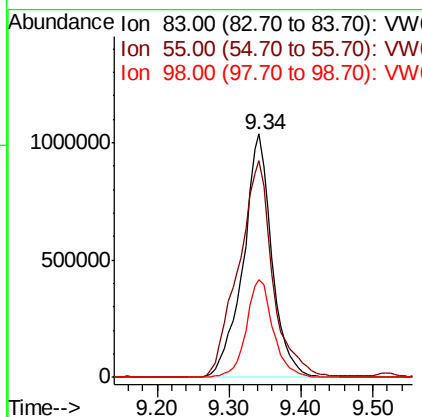
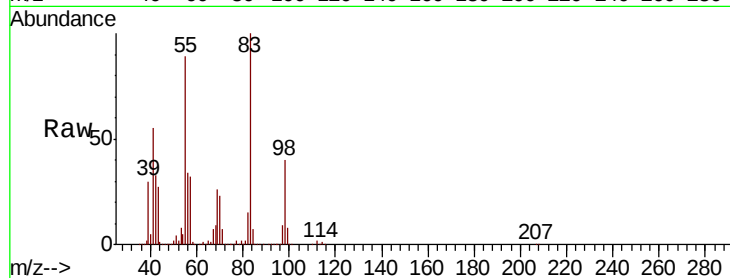




#39
Methylcyclohexane
Concen: 559.639 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

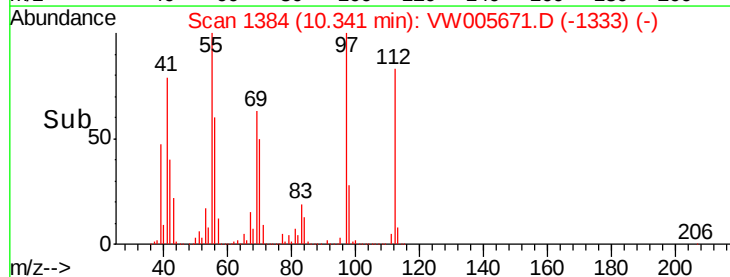
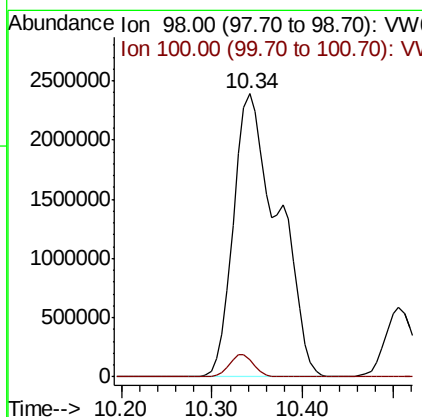
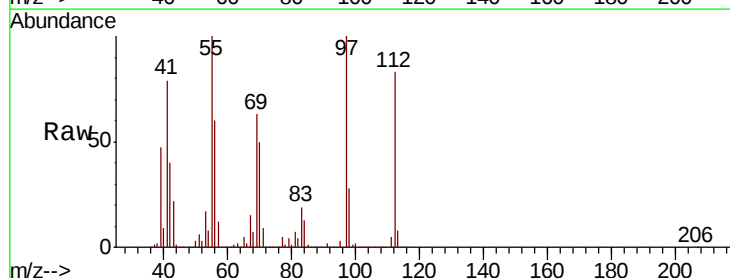
Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

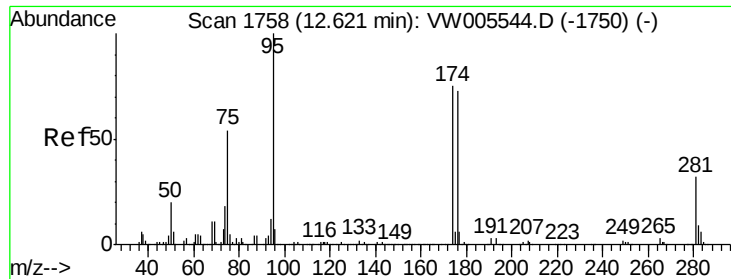
Tot Ion: 83 Resp: 2870583
Ion Ratio Lower Upper
83 100
55 89.3 64.6 97.0
98 40.0 37.0 55.6



#50
Toluene-d8
Concen: 738.521 ug/l
RT: 10.34 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

Tgt Ion: 98 Resp: 8167050
Ion Ratio Lower Upper
98 100
100 4.4 51.6 77.4#





#62

4-Bromofluorobenzene

Concen: 227.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

Instrument :

MSVOA_W

ClientSampled :

TP-2-D

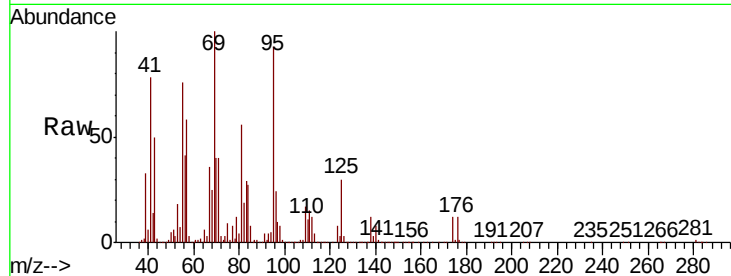
Tot Ion: 95 Resp: 930188

Ion Ratio Lower Upper

95 100

174 15.4 0.0 163.8

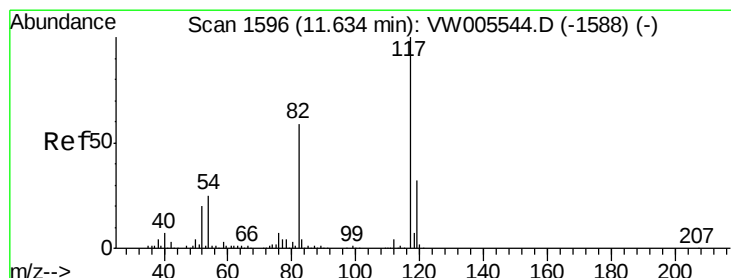
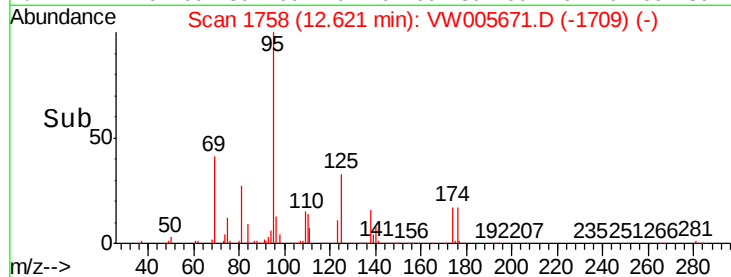
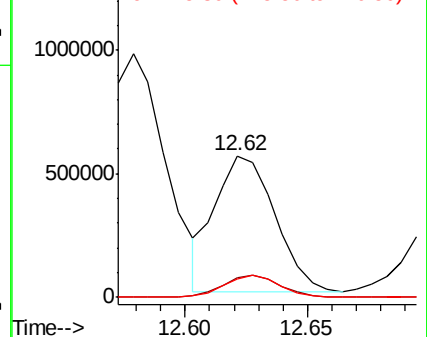
176 15.1 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

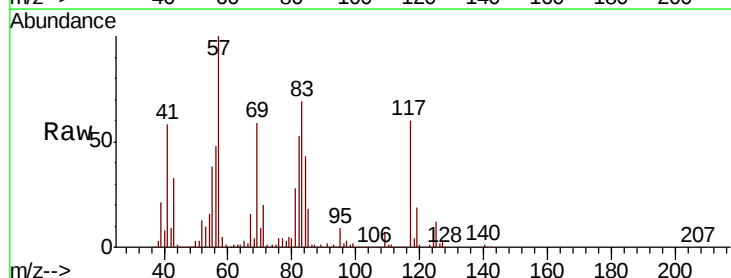
Tgt Ion: 117 Resp: 368471

Ion Ratio Lower Upper

117 100

82 0.1 46.9 70.3#

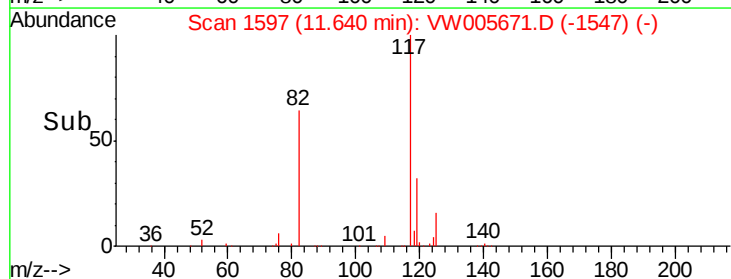
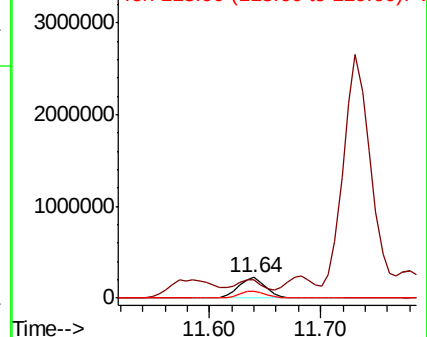
119 32.1 25.7 38.5

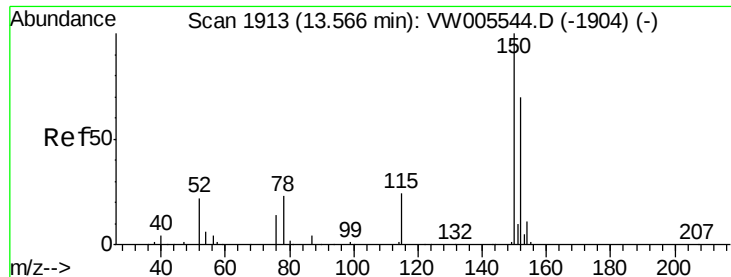


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



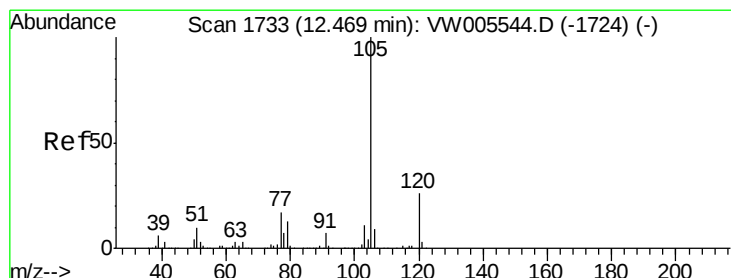
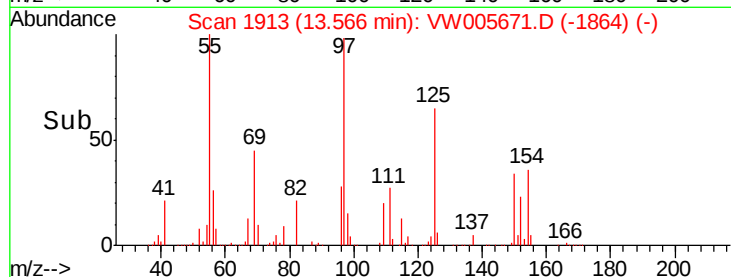
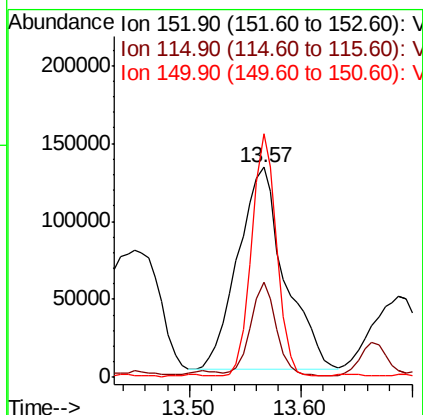
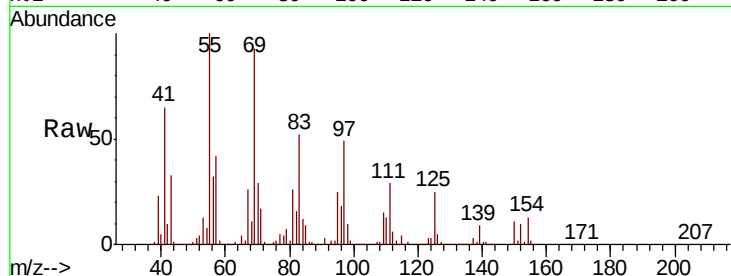


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

Instrument :
MSVOA_W
ClientSampleId :
TP-2-D

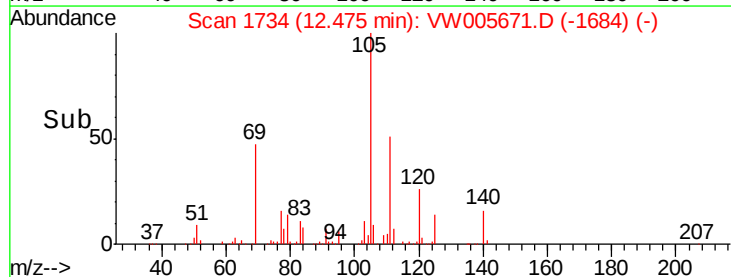
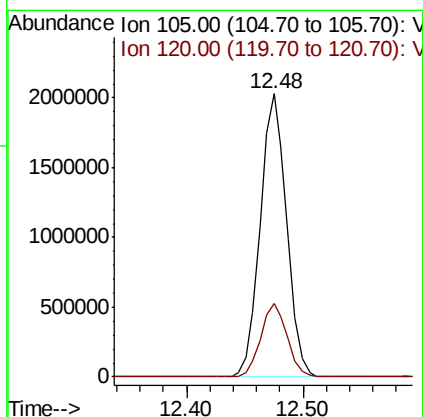
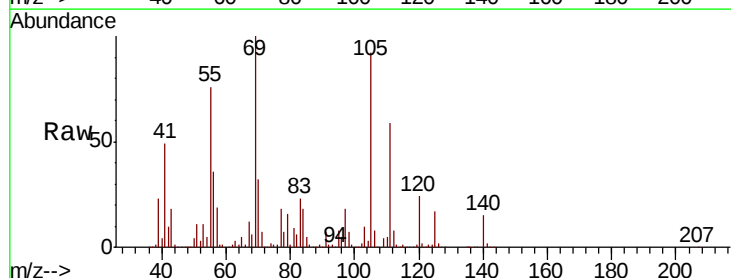
Tot Ion:152 Resp: 381189
Ion Ratio Lower Upper
152 100
115 25.4 30.0 90.0#
150 63.6 0.0 348.6

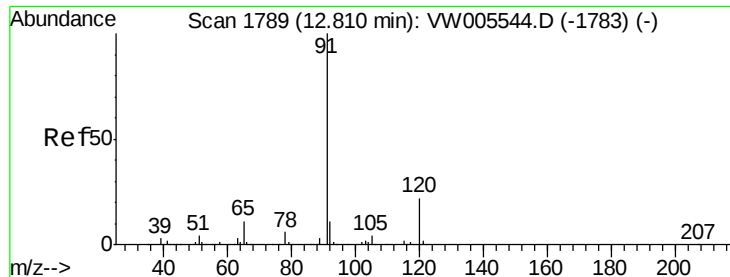


#73

Isopropylbenzene
Concen: 120.979 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW005671.D
Acq: 26 Sep 2018 23:17

Tgt Ion:105 Resp: 3198001
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7





#78

n-propylbenzene

Concen: 105.600 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

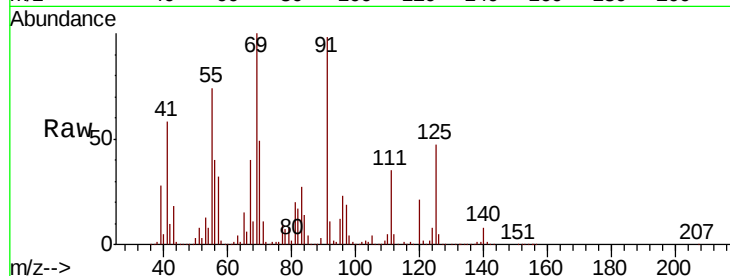
TP-2-D

Tot Ion: 91 Resp: 3379607

Ion Ratio Lower Upper

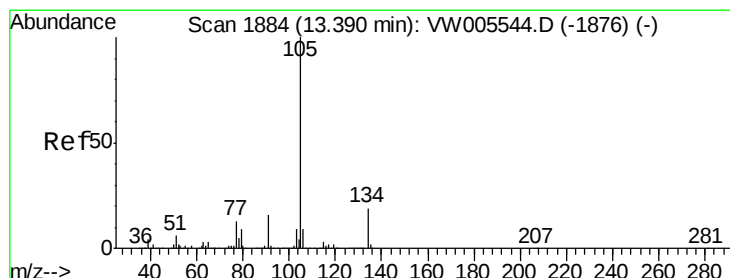
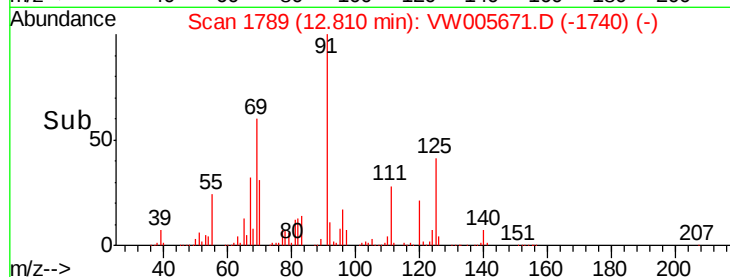
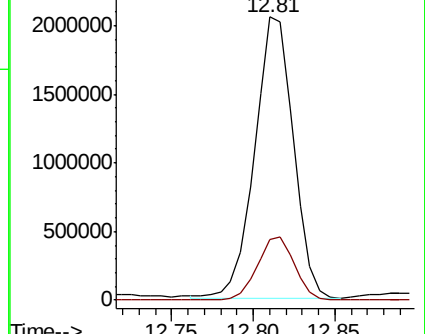
91 100

120 21.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 36.193 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005671.D

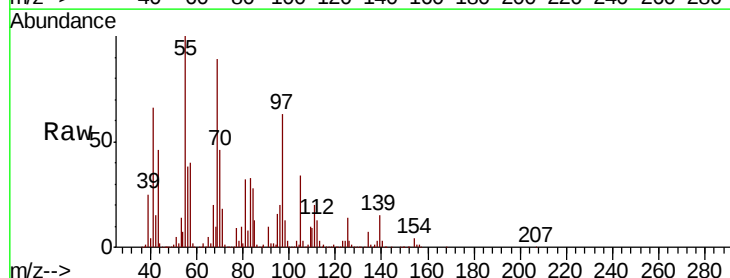
Acq: 26 Sep 2018 23:17

Tgt Ion:105 Resp: 1013649

Ion Ratio Lower Upper

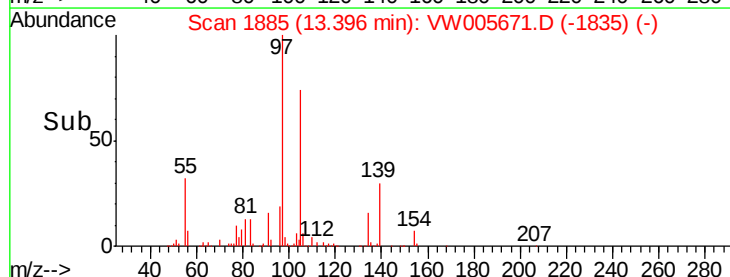
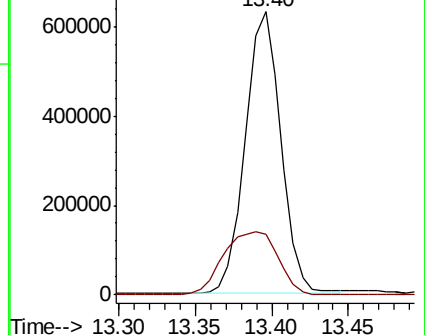
105 100

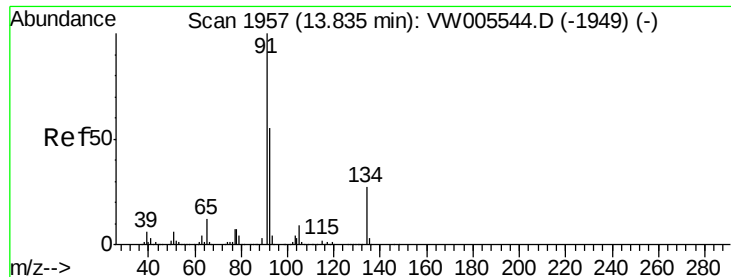
134 34.6 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 15.833 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005671.D

Acq: 26 Sep 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

TP-2-D

Tot Ion: 91 Resp: 374905

Ion Ratio Lower Upper

91 100

92 50.3 26.5 79.5

134 27.7 12.9 38.7

