

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111618\
 Data File : VW006914.D
 Acq On : 16 Nov 2018 12:48
 Operator : SY/AP
 Sample : J5945-16
 Misc : 4.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA7

Quant Time: Nov 27 16:45:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	179330	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	145437	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	50894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38361	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
7) Chloroethane-d5	2.89	69	29400	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
10) 1,1-Dichloroethene-d2	4.02	63	74657	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.09	46	30740	35.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.06%
24) Chloroform-d	7.65	84	96080	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	56166	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	8.28	84	202927	26.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.76%
33) 1,2-Dichloropropane-d6	9.27	67	64925	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.60%
37) Toluene-d8	10.32	98	266498	34.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	136.88%#
38) trans-1,3-Dichloropropene-	10.58	79	23713	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.93	63	24588	42.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45687	22.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	43081	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

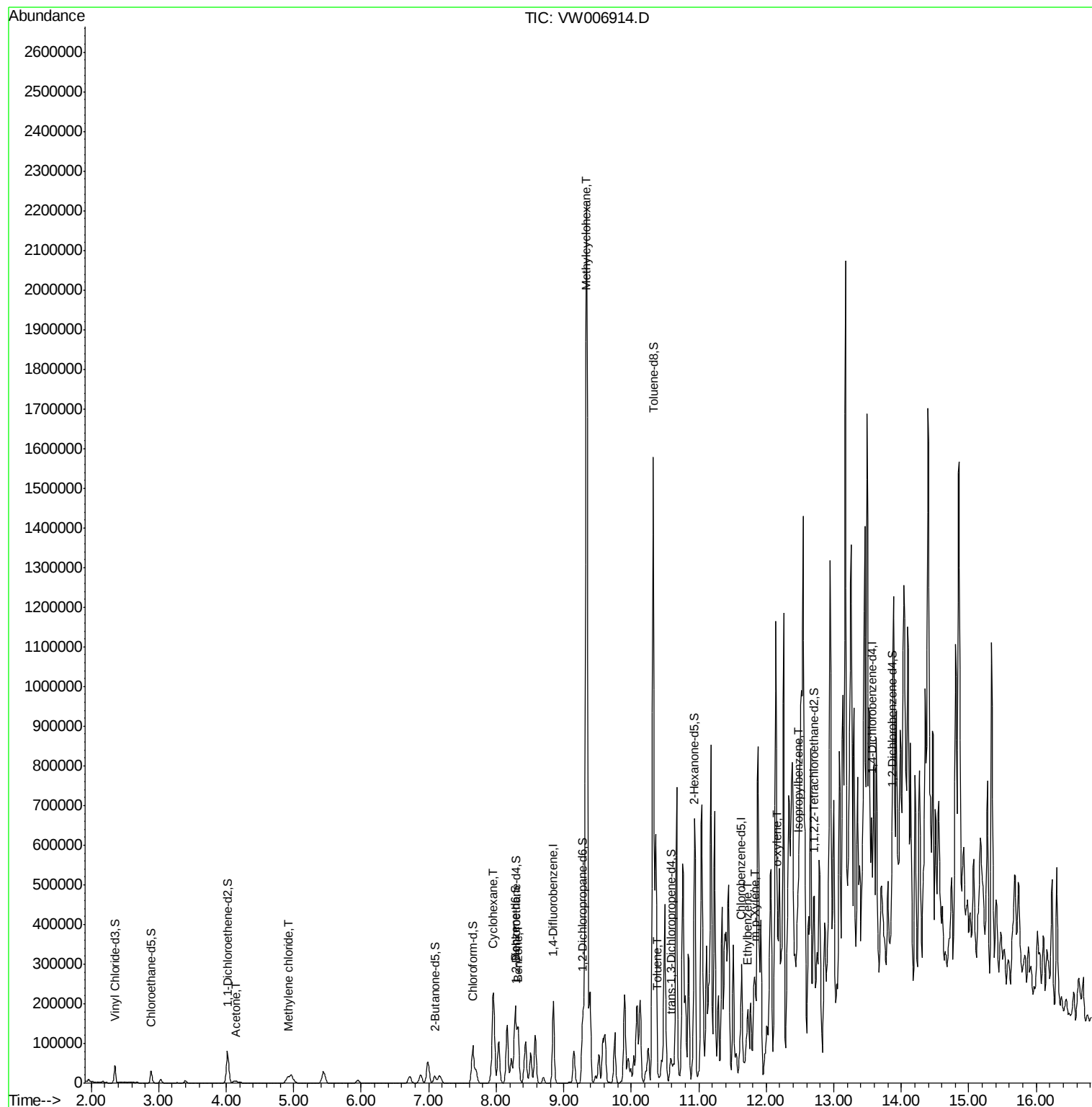
					Ovalue
13) Acetone	4.15	43	9392	16.615	ug/L 86
16) Methylene chloride	4.92	84	7306	2.330	ug/L 84
30) Cyclohexane	7.96	56	134196	34.802	ug/L 99
34) Benzene	8.33	78	103002	12.664	ug/L 100
36) Methylcyclohexane	9.34	83	928647	218.084	ug/L 96
44) Toluene	10.39	91	10738	1.153	ug/L 96
53) Ethylbenzene	11.73	91	27057	2.441	ug/L 99
54) m,p-Xylene	11.84	106	38666	9.121	ug/L 96
55) o-xylene	12.17	106	10769	2.773	ug/L 89
57) Isopropylbenzene	12.47	105	102391	9.419	ug/L 97

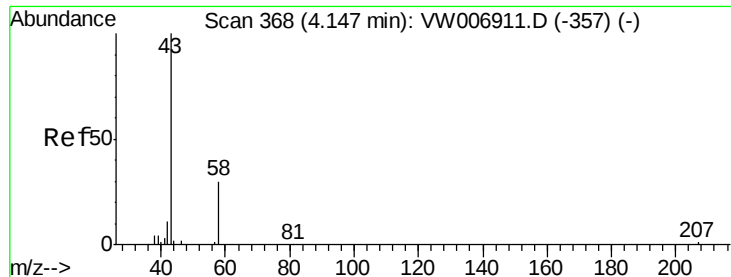
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 16:45:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration





#13

Acetone

Concen: 16.615 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006914.D

Acq: 16 Nov 2018 12:48

Instrument :

MSVOA_W

ClientSampleId :

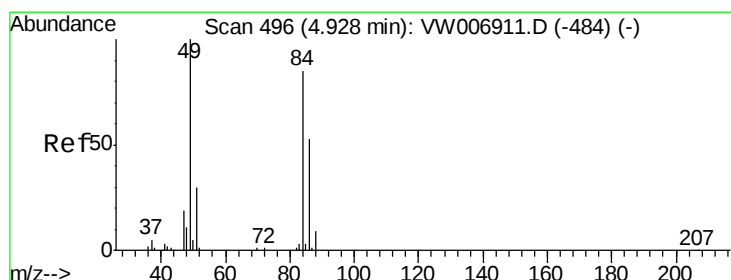
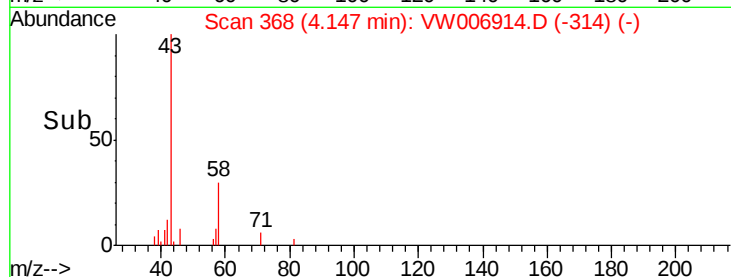
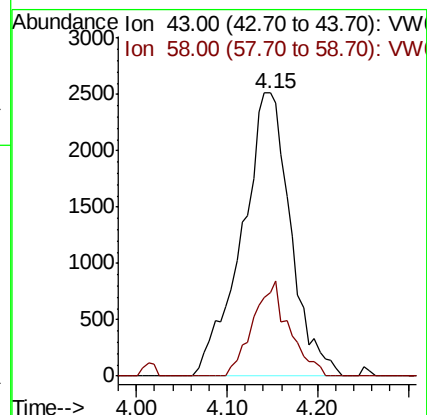
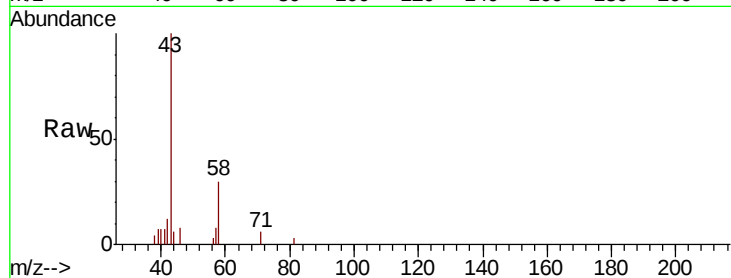
ETOA7

Tot Ion: 43 Resp: 9392

Ion Ratio Lower Upper

43 100

58 24.9 0.0 65.6



#16

Methylene chloride

Concen: 2.330 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW006914.D

Acq: 16 Nov 2018 12:48

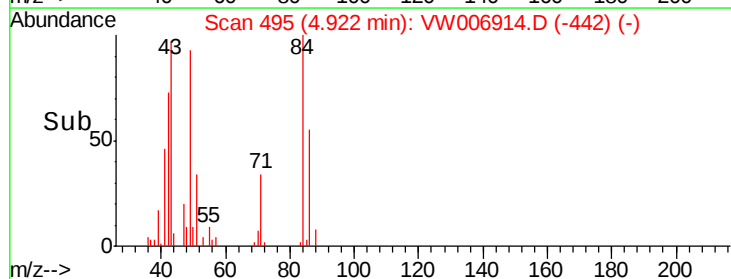
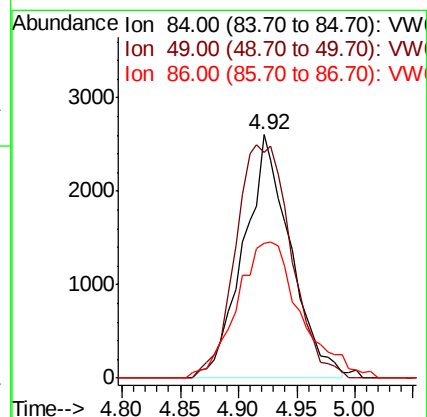
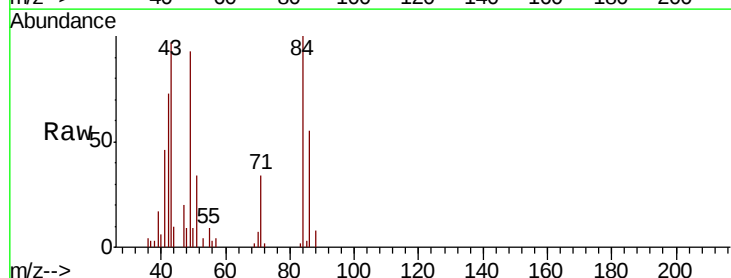
Tgt Ion: 84 Resp: 7306

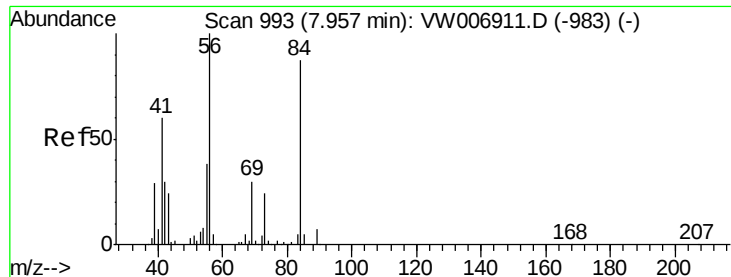
Ion Ratio Lower Upper

84 100

49 92.7 79.3 147.3

86 55.3 43.5 80.9

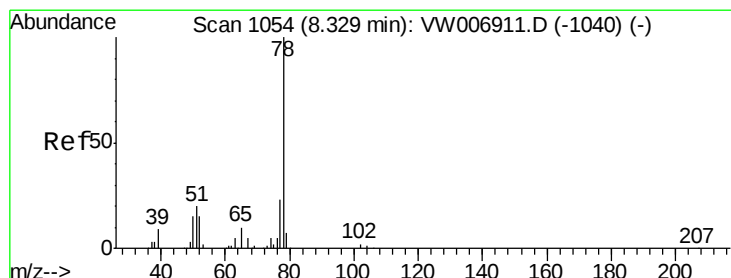
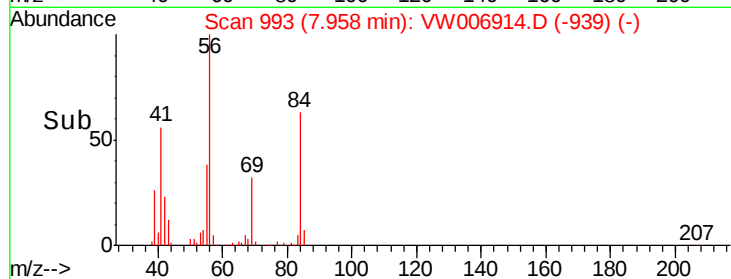
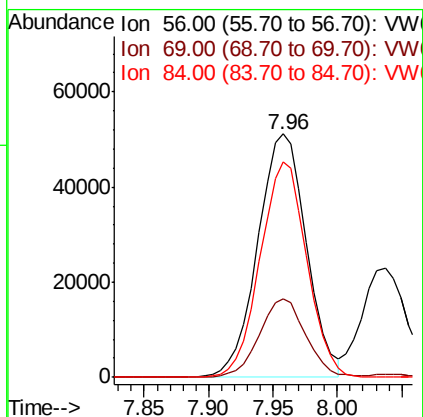
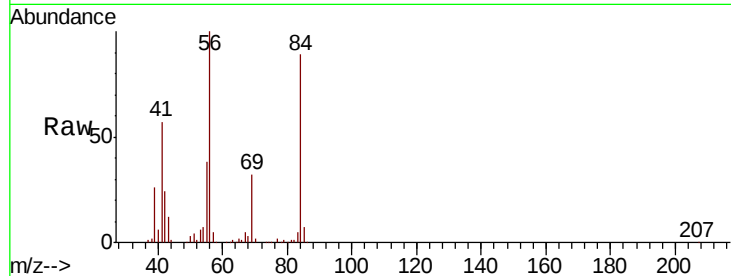




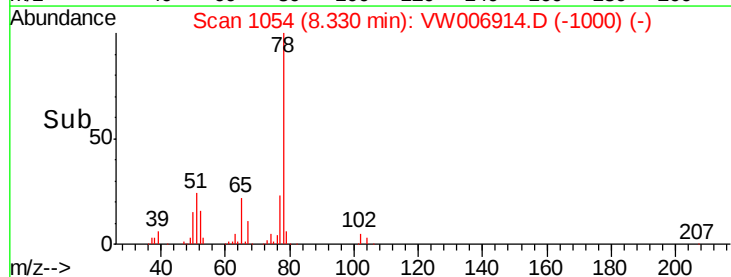
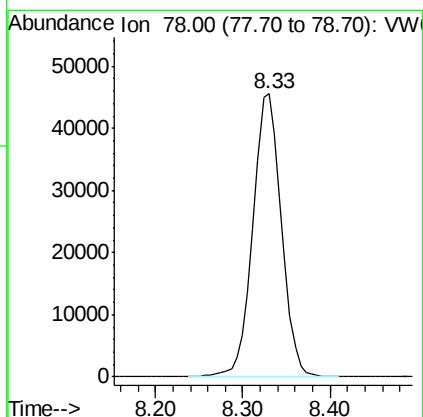
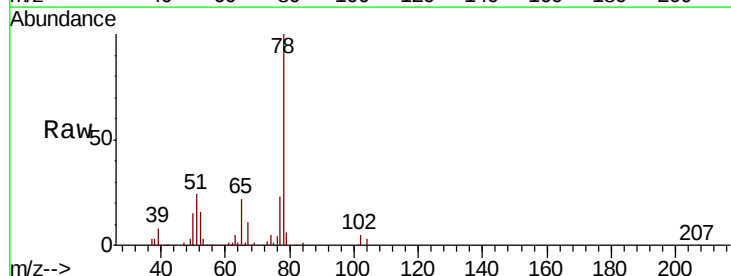
#30
Cyclohexane
Concen: 34.802 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006914.D
Acq: 16 Nov 2018 12:48

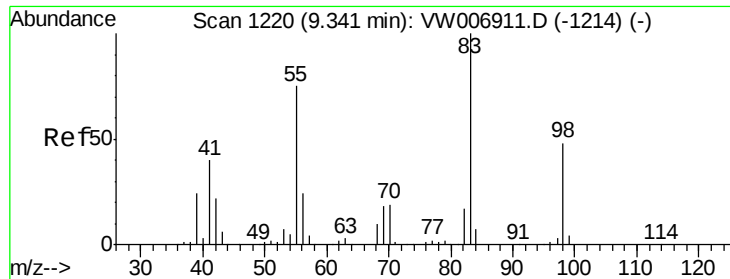
Instrument :
MSVOA_W
ClientSampleId :
ETOA7

Tot Ion: 56 Resp: 134196
Ion Ratio Lower Upper
56 100
69 30.6 25.1 37.7
84 84.8 68.7 103.1



#34
Benzene
Concen: 12.664 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006914.D
Acq: 16 Nov 2018 12:48
Tgt Ion: 78 Resp: 103002

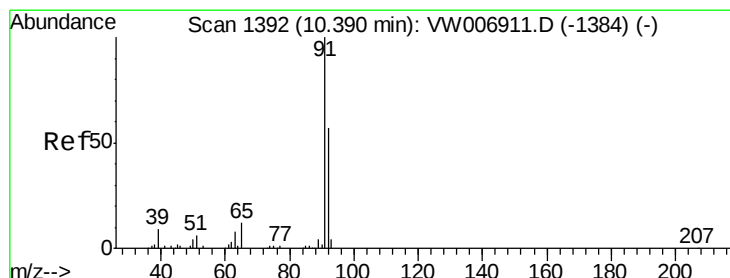
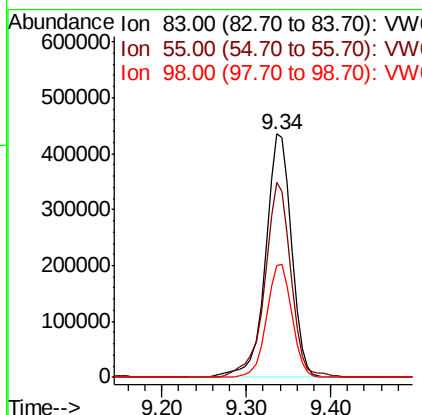
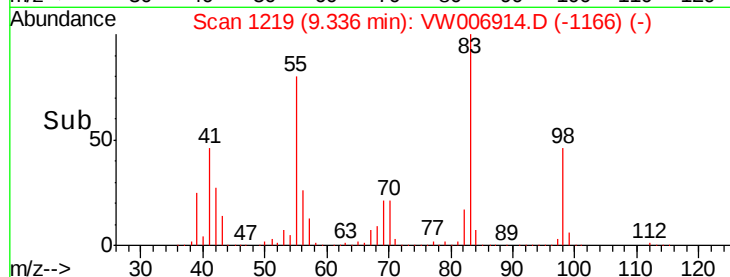
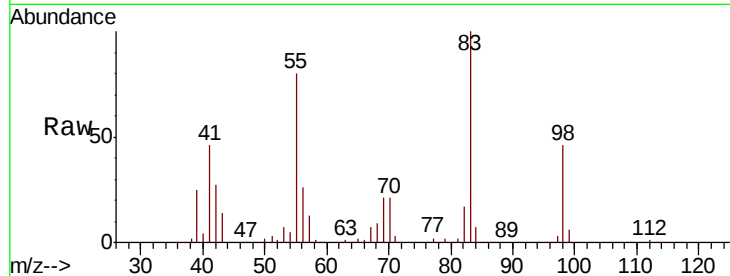




#36
Methvlcvclohexane
Concen: 218.084 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006914.D
Acq: 16 Nov 2018 12:48

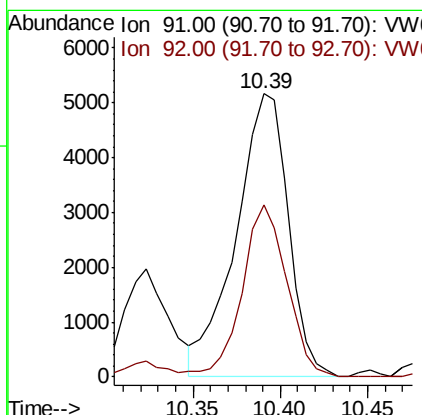
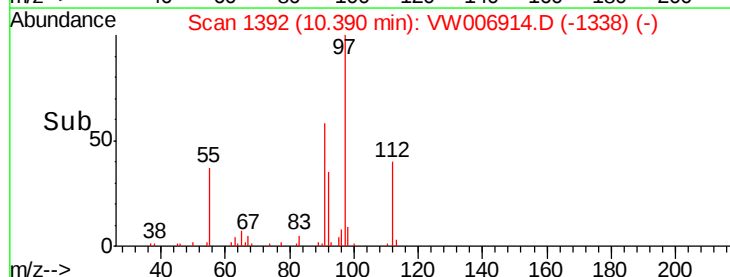
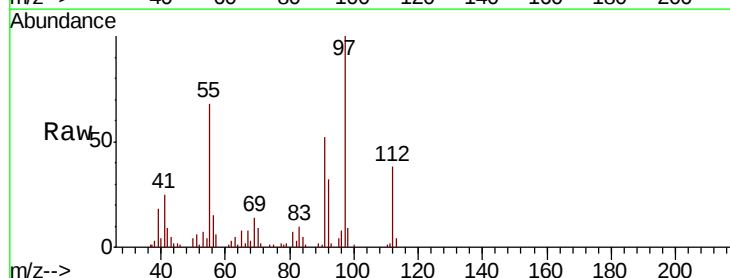
Instrument :
MSVOA_W
ClientSampleId :
ETOA7

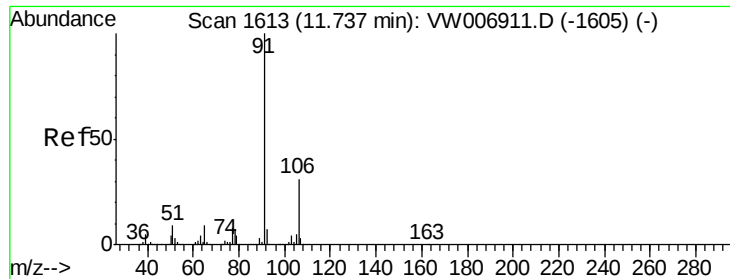
Tot Ion: 83 Resp: 928647
Ion Ratio Lower Upper
83 100
55 80.9 60.2 90.2
98 45.1 36.5 54.7



#44
Toluene
Concen: 1.153 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006914.D
Acq: 16 Nov 2018 12:48

Tgt Ion: 91 Resp: 10738
Ion Ratio Lower Upper
91 100
92 60.9 40.5 75.3





#53

Ethylbenzene

Concen: 2.441 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006914.D

Acq: 16 Nov 2018 12:48

Instrument :

MSVOA_W

ClientSampleId :

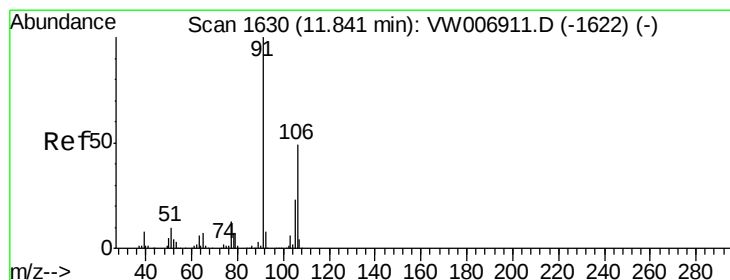
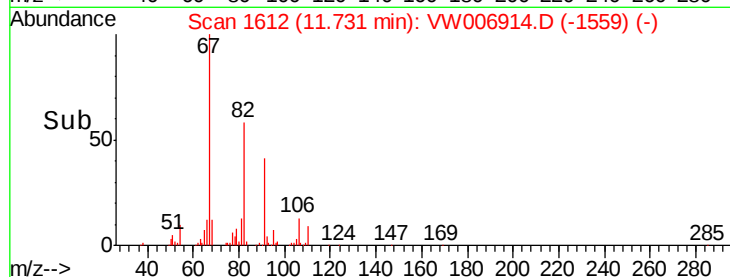
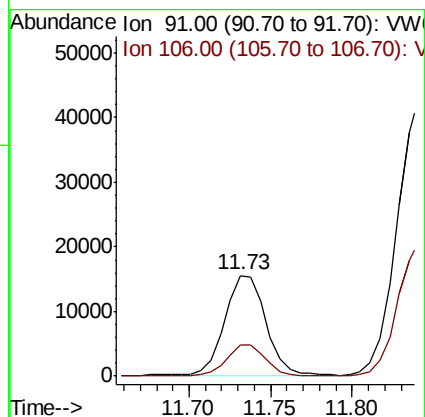
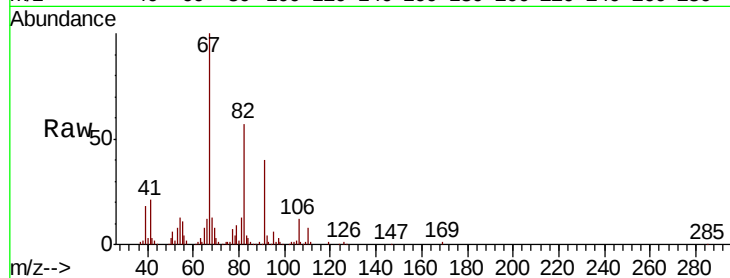
ETOA7

Tot Ion: 91 Resp: 27057

Ion Ratio Lower Upper

91 100

106 30.9 21.1 39.1



#54

m,p-Xylene

Concen: 9.121 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006914.D

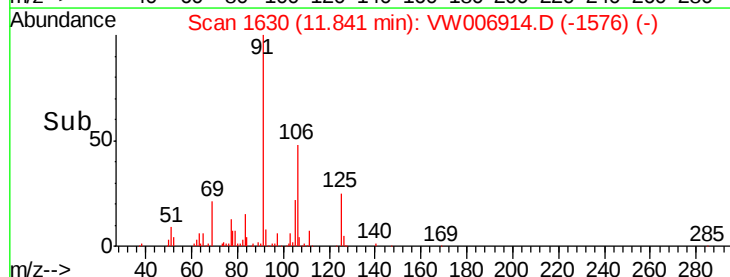
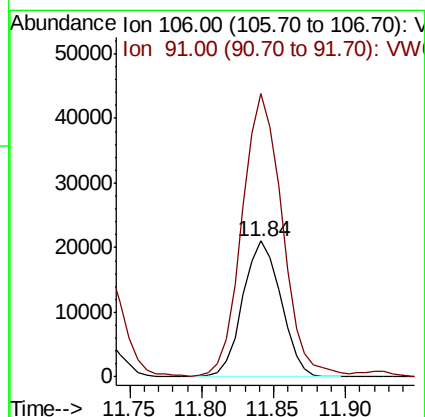
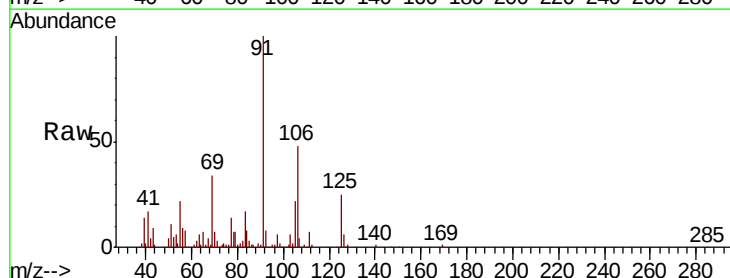
Acq: 16 Nov 2018 12:48

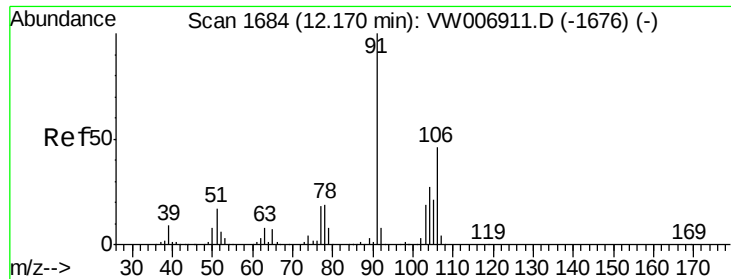
Tgt Ion: 106 Resp: 38666

Ion Ratio Lower Upper

106 100

91 208.8 141.5 262.9





#55

o-xylene

Concen: 2.773 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006914.D

Acq: 16 Nov 2018 12:48

Instrument :

MSVOA_W

ClientSampleId :

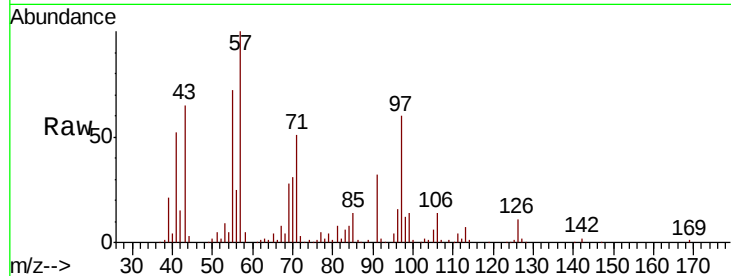
ETOA7

Tot Ion:106 Resp: 10769

Ion Ratio Lower Upper

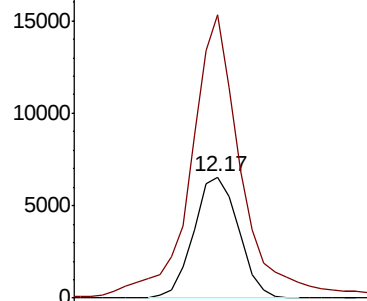
106 100

91 233.7 151.3 281.1

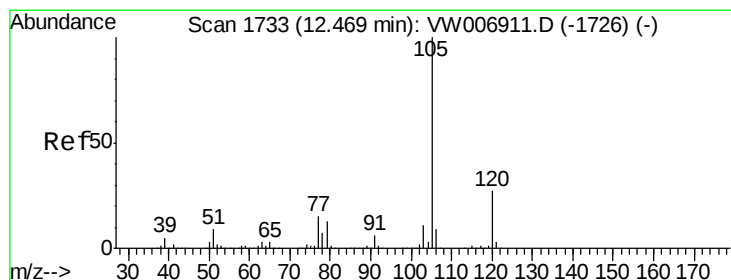
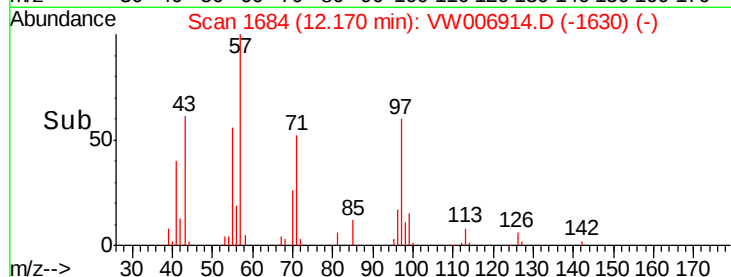


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->



#57

Isopropylbenzene

Concen: 9.419 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006914.D

Acq: 16 Nov 2018 12:48

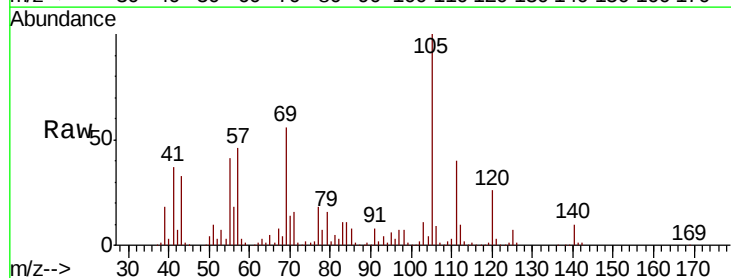
Tgt Ion:105 Resp: 102391

Ion Ratio Lower Upper

105 100

120 26.7 20.7 31.1

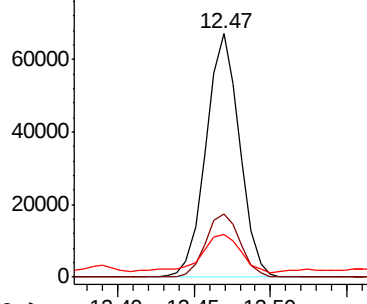
77 17.8 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW



Time-->

