

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013807.D
 Acq On : 29 Oct 2019 22:09
 Operator : SY/VA
 Sample : K5549-22MSD
 Misc : 2.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ73MSD

Quant Time: Oct 30 07:29:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153197	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90609	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
7) Chloroethane-d5	2.89	69	72907	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.03	63	190419	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.88%
20) 2-Butanone-d5	7.07	46	83375	63.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.92%
24) Chloroform-d	7.65	84	191625	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	109784	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	411533	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.27	67	123270	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	373938	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.80%
38) trans-1,3-Dichloropropene-	10.58	79	53973	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.92	63	69184	70.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120864	28.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	133203	24.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.40%

Target Compounds

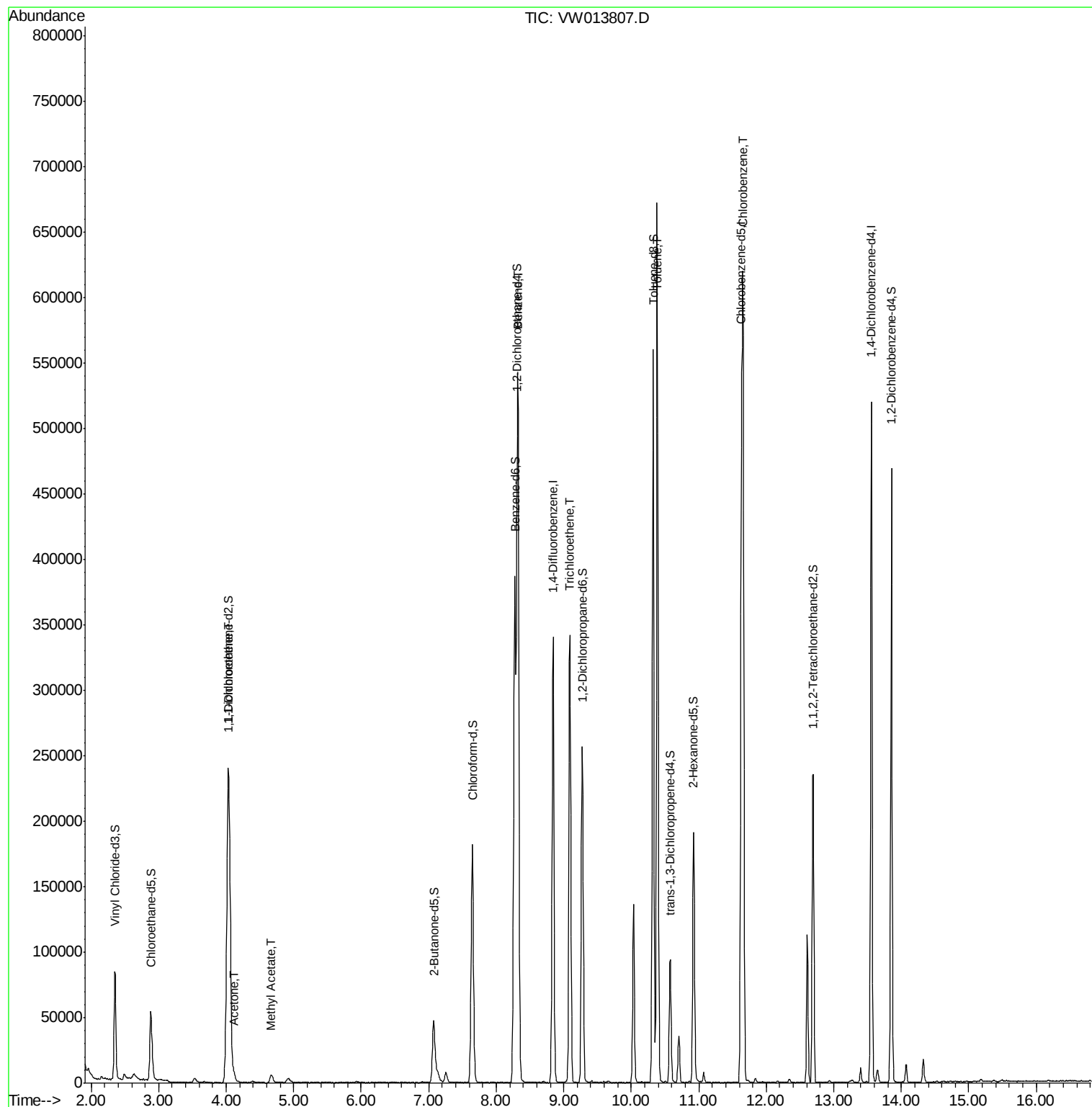
					Ovalue
12) 1,1-Dichloroethene	4.04	96	106232	22.327 ug/L	93
13) Acetone	4.12	43	6524	4.474 ug/L	97
15) Methyl Acetate	4.67	43	12064	5.064 ug/L #	83
34) Benzene	8.32	78	477649	23.137 ug/L	100
35) Trichloroethene	9.09	95	121049	22.853 ug/L	99
44) Toluene	10.38	91	515243	23.230 ug/L	97
52) Chlorobenzene	11.66	112	323771	22.814 ug/L	98

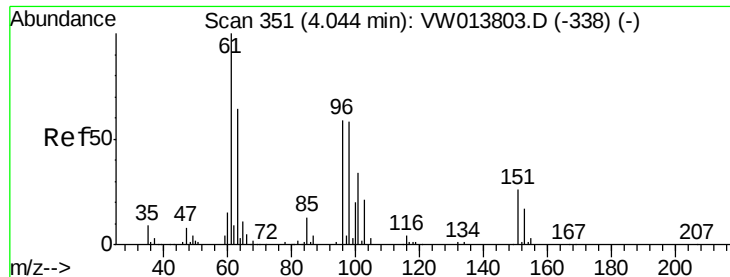
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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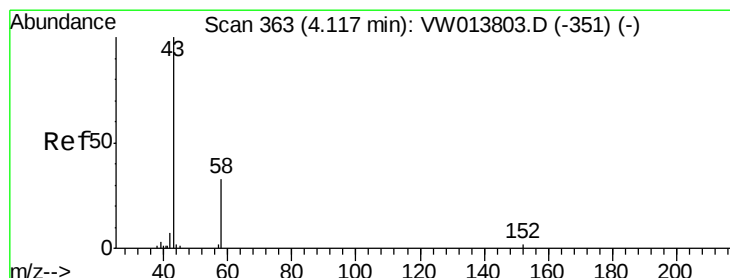
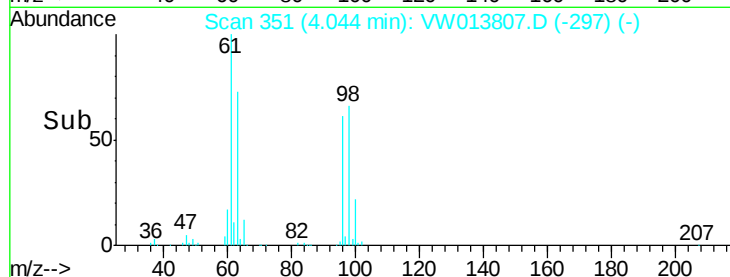
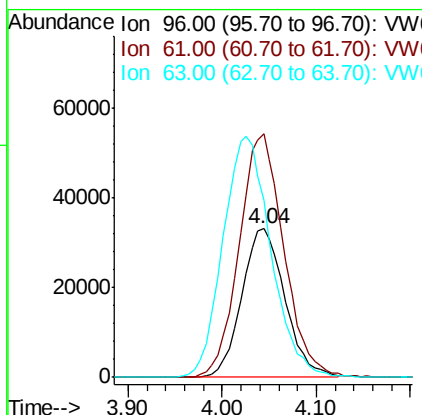
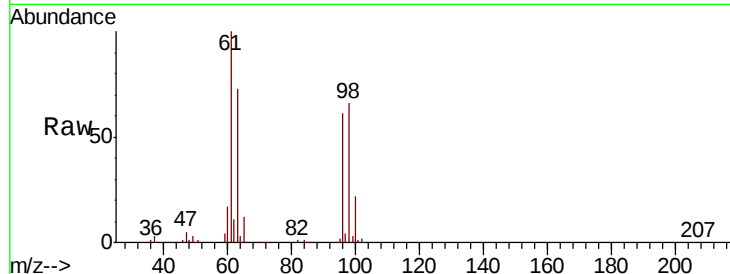




#12
 1,1-Dichloroethene
 Concen: 22.327 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW013807.D
 Acq: 29 Oct 2019 22:09

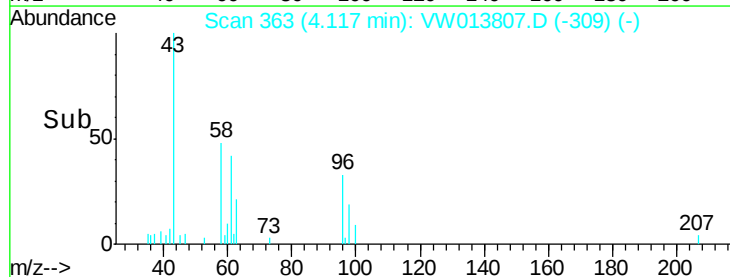
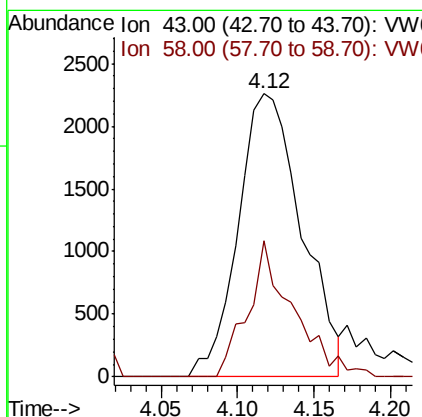
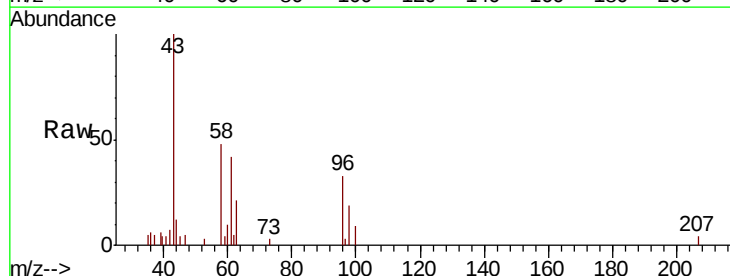
Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ73MSD

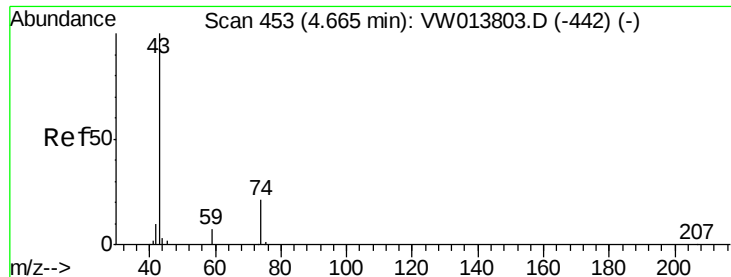
Tot Ion: 96 Resp: 106232
 Ion Ratio Lower Upper
 96 100
 61 163.9 112.7 209.3
 63 118.8 72.8 135.2



#13
 Acetone
 Concen: 4.474 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW013807.D
 Acq: 29 Oct 2019 22:09

Tgt Ion: 43 Resp: 6524
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 70.4

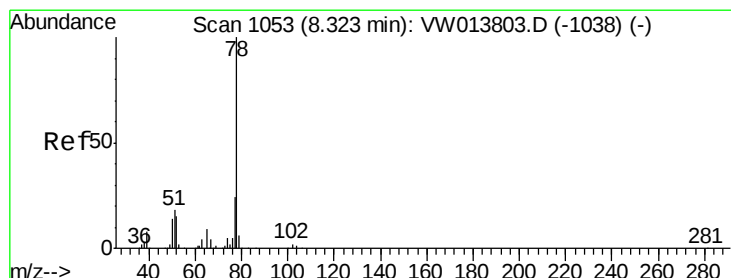
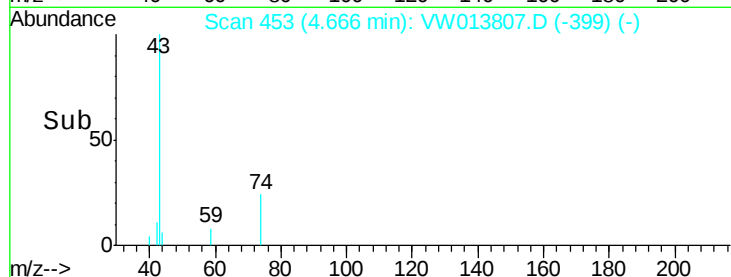
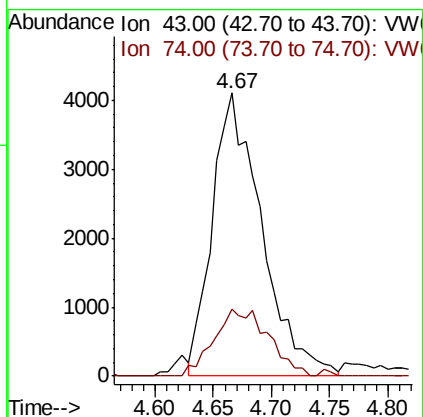
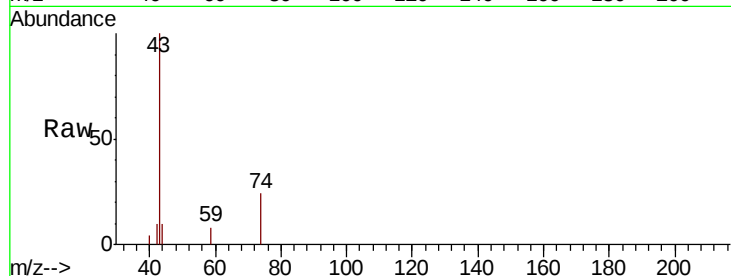




#15
Methvl Acetate
Concen: 5.064 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013807.D
Acq: 29 Oct 2019 22:09

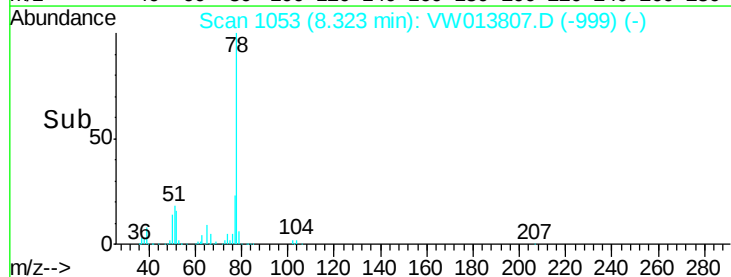
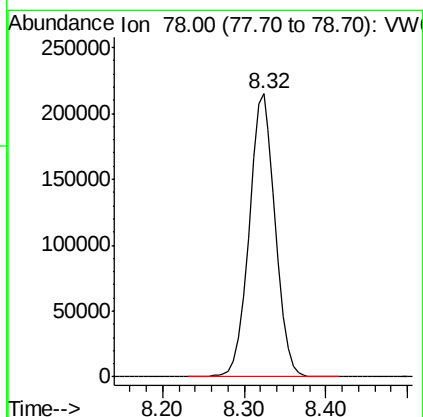
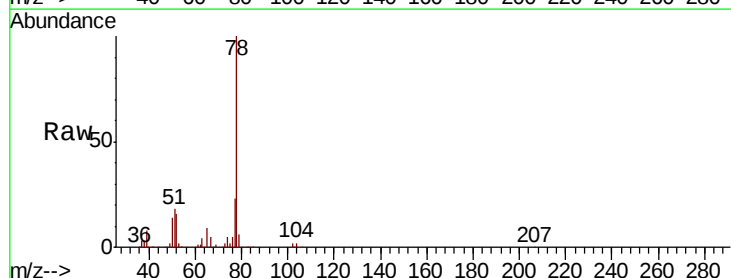
Instrument :
MSVOA_W
ClientSampleId :
GAQ73MSD

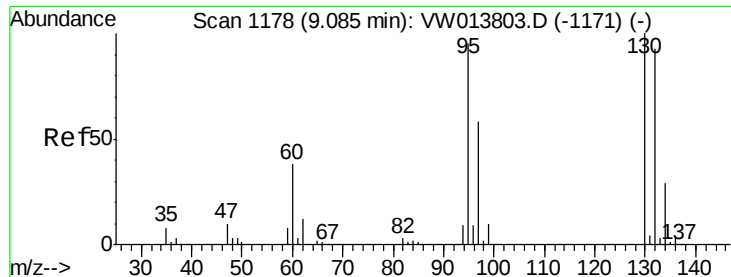
Tot Ion: 43 Resp: 12064
Ion Ratio Lower Upper
43 100
74 15.5 19.2 28.8#



#34
Benzene
Concen: 23.137 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013807.D
Acq: 29 Oct 2019 22:09

Tgt Ion: 78 Resp: 477649





#35

Trichloroethene

Concen: 22.853 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW013807.D

Acq: 29 Oct 2019 22:09

Instrument :

MSVOA_W

ClientSampleId :

GAQ73MSD

Tot Ion: 95 Resp: 121049

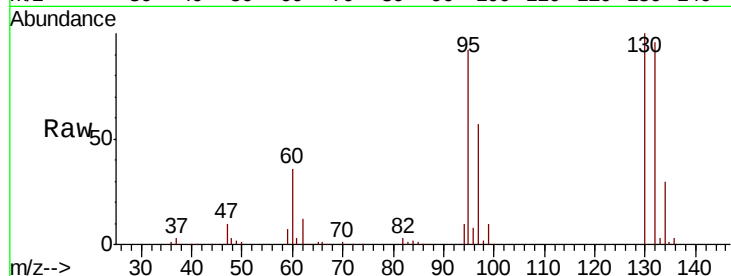
Ion Ratio Lower Upper

95 100

97 63.7 45.8 85.2

132 105.7 74.3 138.1

130 110.9 76.6 142.3



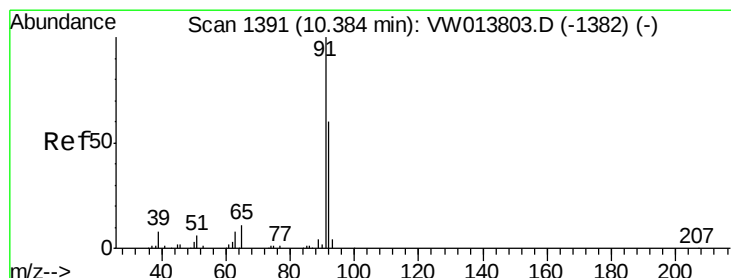
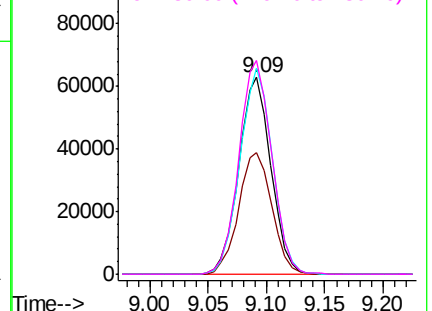
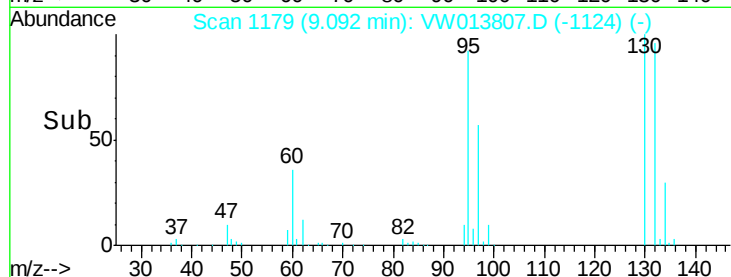
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 23.230 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013807.D

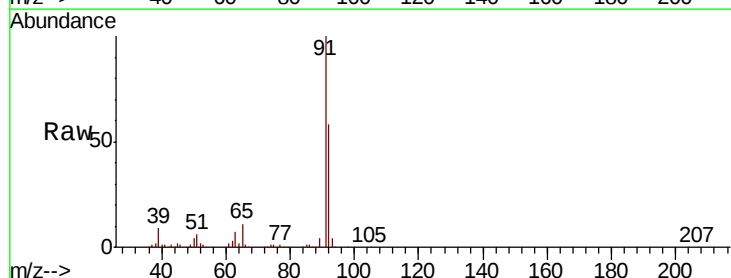
Acq: 29 Oct 2019 22:09

Tgt Ion: 91 Resp: 515243

Ion Ratio Lower Upper

91 100

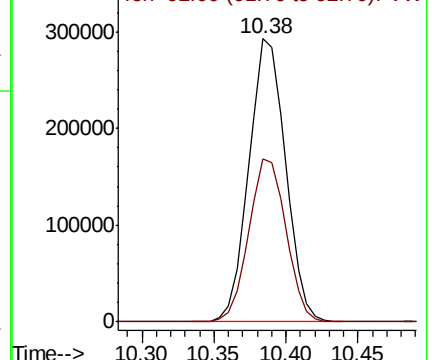
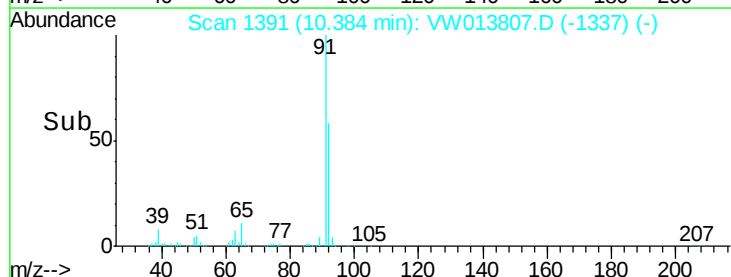
92 57.8 42.0 78.0

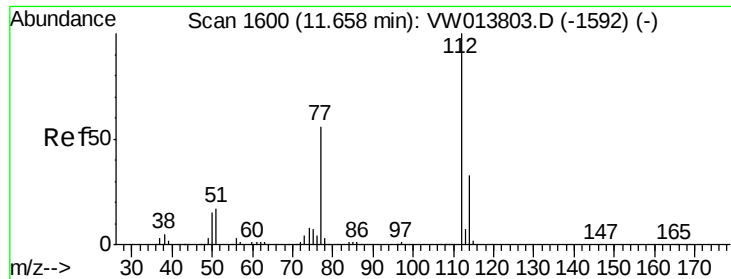


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

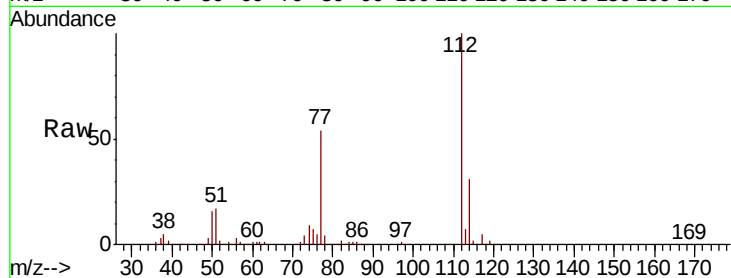




#52
 Chlorobenzene
 Concen: 22.814 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW013807.D
 Acq: 29 Oct 2019 22:09

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ73MSD

Tot Ion	Ratio	Lower	Upper
112	100		
77	53.9	44.1	66.1
114	31.4	23.4	43.4



Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

