

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013883.D
 Acq On : 01 Nov 2019 06:03
 Operator : SY/VA
 Sample : K5552-19
 Misc : 5.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQD0

Quant Time: Nov 01 07:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 07:47:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	309970	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	161711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125696	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.52%
7) Chloroethane-d5	2.89	69	102359	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.92%
10) 1,1-Dichloroethene-d2	4.02	63	184774	19.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.07	46	75082	45.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.54%
24) Chloroform-d	7.65	84	264061	27.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.36%
26) 1,2-Dichloroethane-d4	8.31	65	140672	27.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.08%
29) Benzene-d6	8.27	84	566075	28.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.80%
33) 1,2-Dichloropropane-d6	9.27	67	172029	28.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.36%
37) Toluene-d8	10.32	98	522020	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.72%
38) trans-1,3-Dichloropropene-	10.58	79	66580	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.60%
39) 2-Hexanone-d5	10.93	63	64855	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130641	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	180089	28.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.68%

Target Compounds

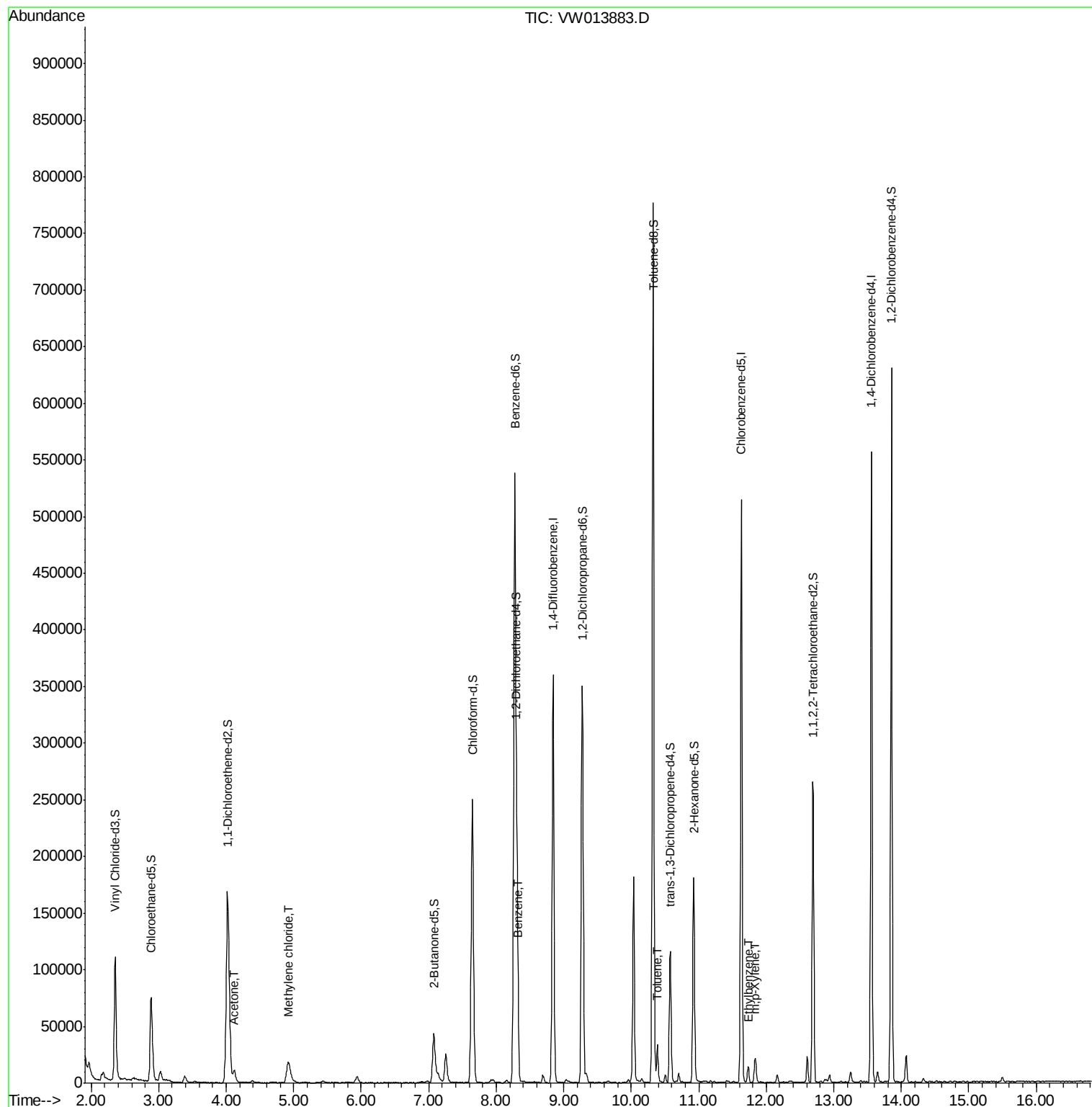
					Qvalue
13) Acetone	4.12	43	17764	11.445	ug/L 100
16) Methylene chloride	4.92	84	16304	2.691	ug/L 98
34) Benzene	8.33	78	8753	0.411	ug/L 100
44) Toluene	10.39	91	23129	1.006	ug/L 92
53) Ethylbenzene	11.73	91	10018	0.395	ug/L 91
54) m,p-Xylene	11.84	106	6143	0.619	ug/L 92

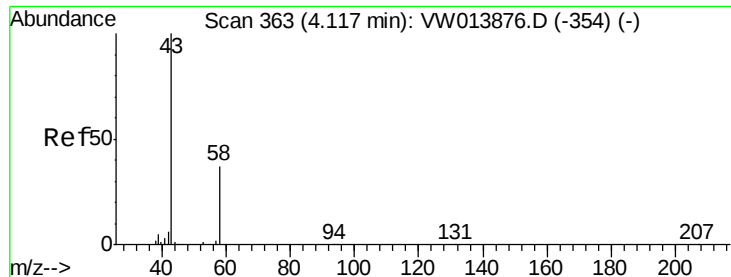
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.445 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 01 Nov 2019 06:03

Instrument :

MSVOA_W

ClientSampled :

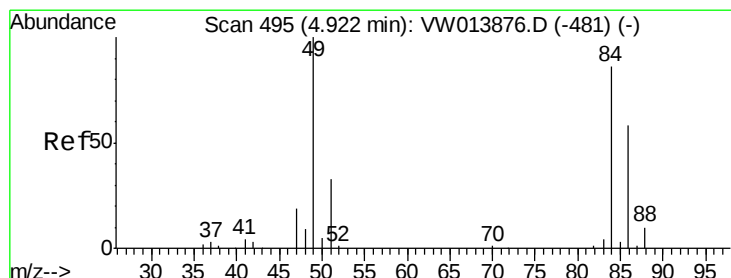
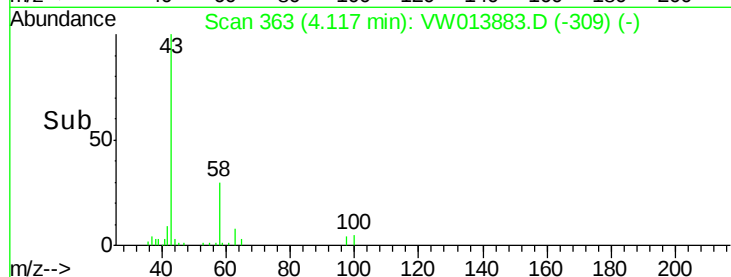
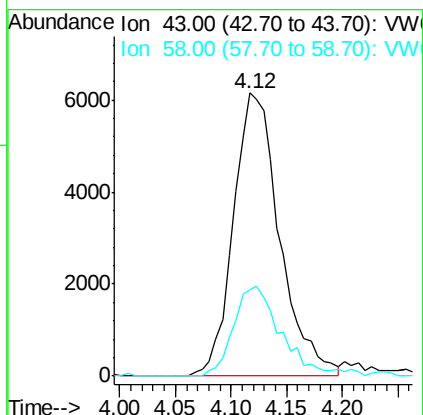
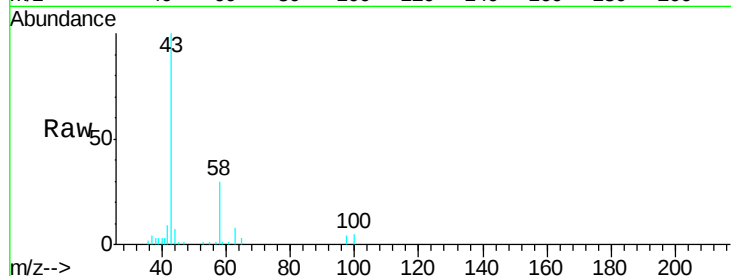
GAQD0

Tgt Ion: 43 Resp: 17764

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.4



#16

Methylene chloride

Concen: 2.691 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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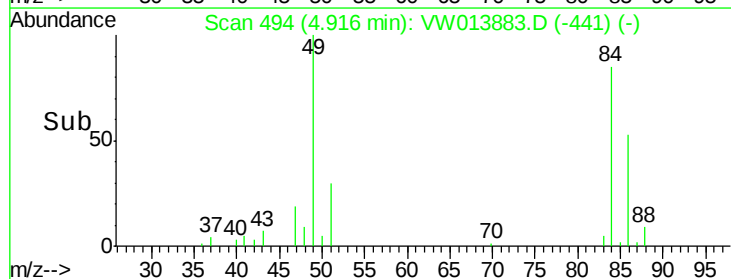
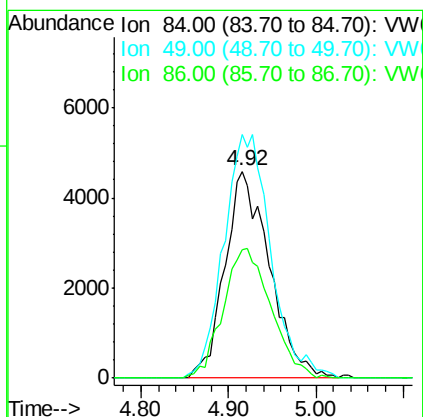
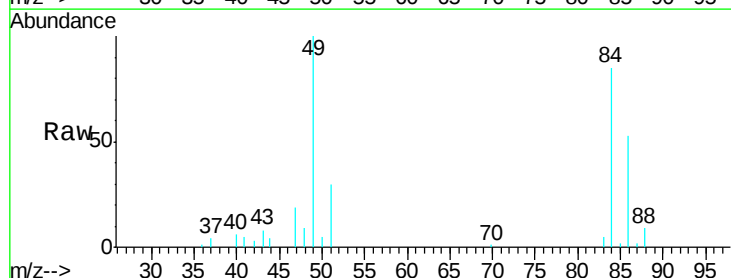
Tgt Ion: 84 Resp: 16304

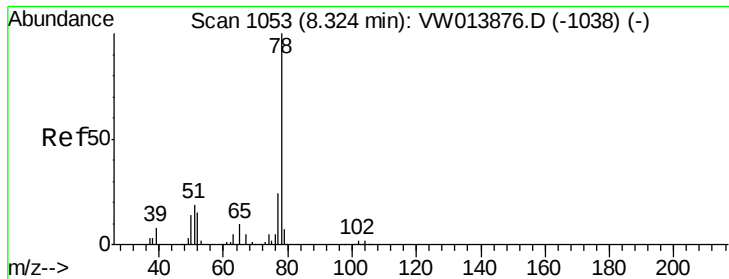
Ion Ratio Lower Upper

84 100

49 117.7 82.2 152.6

86 62.2 45.6 84.8





#34

Benzene

Concen: 0.411 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW013883.D

Acq: 01 Nov 2019 06:03

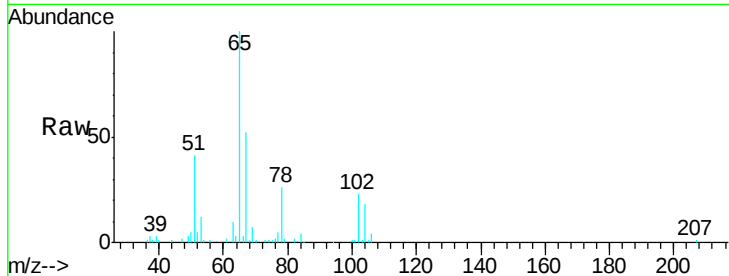
Instrument :

MSVOA_W

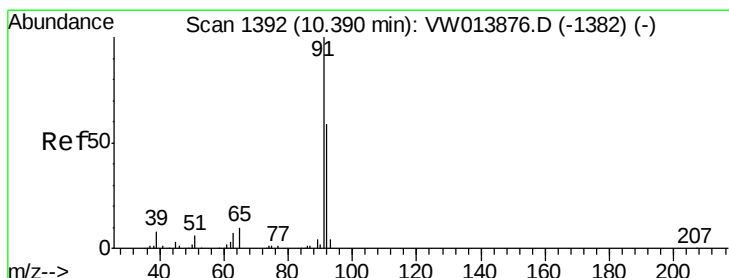
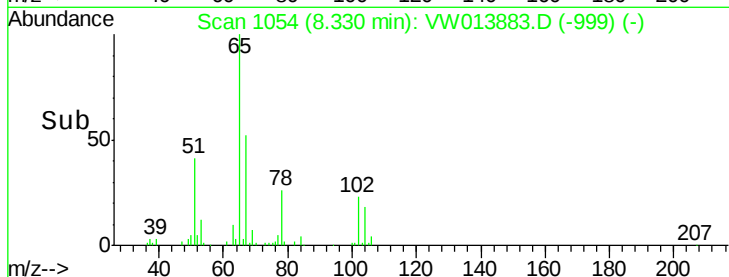
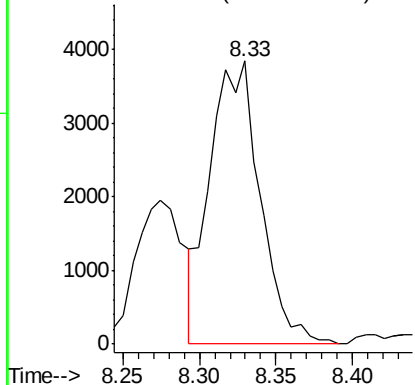
ClientSampled :

GAQD0

Tgt Ion: 78 Resp: 8753



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 1.006 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW013883.D

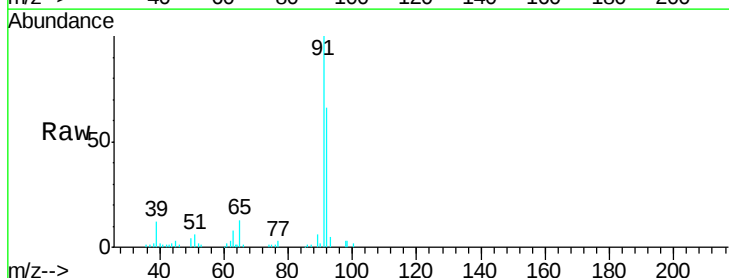
Acq: 01 Nov 2019 06:03

Tgt Ion: 91 Resp: 23129

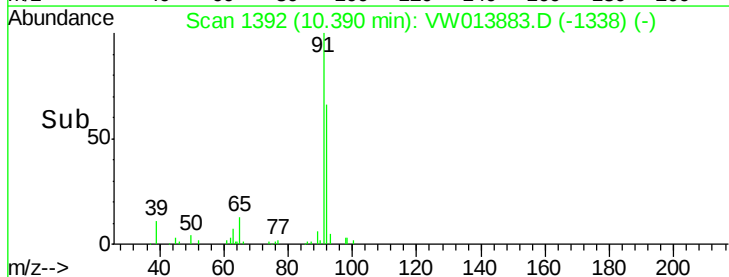
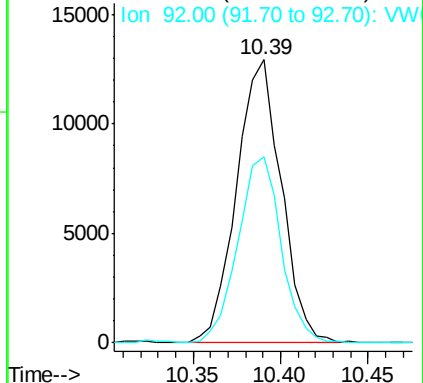
Ion Ratio Lower Upper

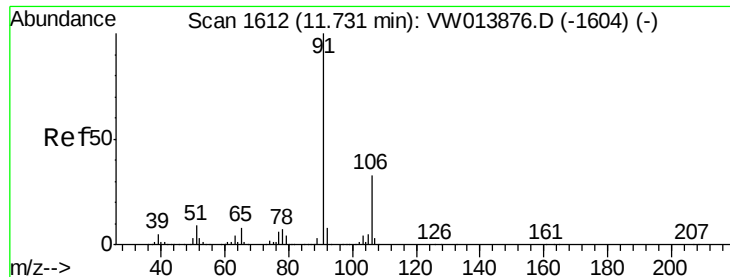
91 100

92 65.8 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

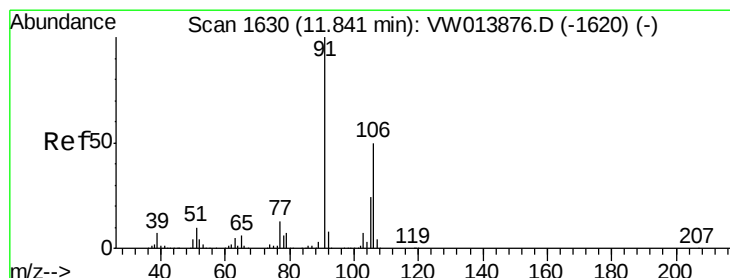
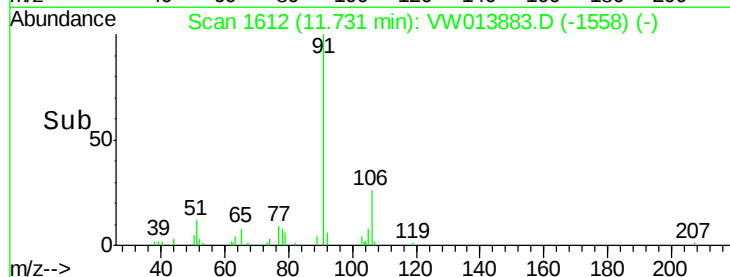
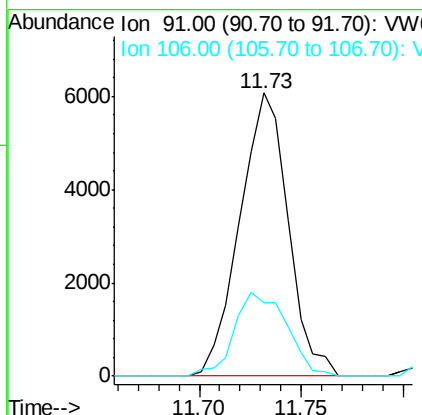
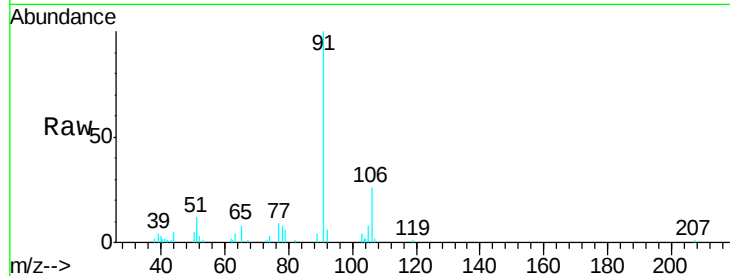




#53
Ethylbenzene
Concen: 0.395 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013883.D
Acq: 01 Nov 2019 06:03

Instrument :
MSVOA_W
ClientSampleId :
GAQD0

Tgt Ion: 91 Resp: 10018
Ion Ratio Lower Upper
91 100
106 25.9 21.8 40.4



#54
m,p-Xylene
Concen: 0.619 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013883.D
Acq: 01 Nov 2019 06:03

Tgt Ion: 106 Resp: 6143
Ion Ratio Lower Upper
106 100
91 183.4 136.6 253.8

