

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015489.D
 Acq On : 26 May 2020 22:20
 Operator : SY/VA
 Sample : L2755-01
 Misc : 6.42G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXC7

Quant Time: May 27 04:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81455	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.76%
7) Chloroethane-d5	2.89	69	76486	28.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.04%
10) 1,1-Dichloroethene-d2	4.02	63	123437	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	7.08	46	62598	71.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.14%#
24) Chloroform-d	7.65	84	179107	26.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	8.31	65	114887	30.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.32%
29) Benzene-d6	8.27	84	357349	26.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.20%
33) 1,2-Dichloropropane-d6	9.27	67	112066	27.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.60%
37) Toluene-d8	10.32	98	335431	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	50195	26.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.08%
39) 2-Hexanone-d5	10.93	63	53877	76.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.58%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	97326	31.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	109889	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

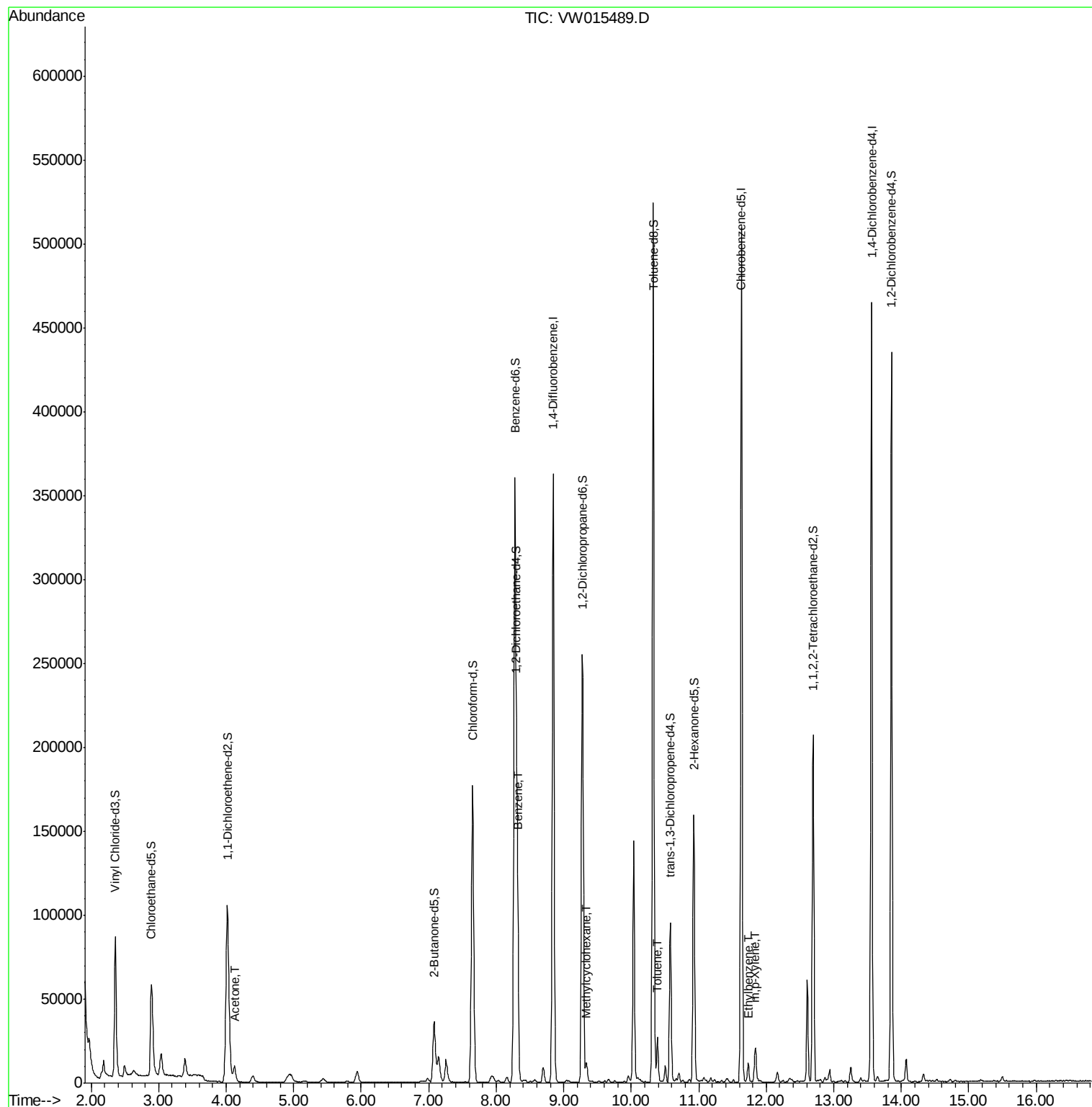
					Ovalue
13) Acetone	4.12	43	14260	20.941	ug/L 99
34) Benzene	8.32	78	8358	0.550	ug/L 100
36) Methylcyclohexane	9.34	83	3533	0.485	ug/L 89
44) Toluene	10.39	91	19049	1.150	ug/L 96
53) Ethylbenzene	11.73	91	7668	0.403	ug/L 94
54) m,p-Xylene	11.84	106	4715	0.660	ug/L 99

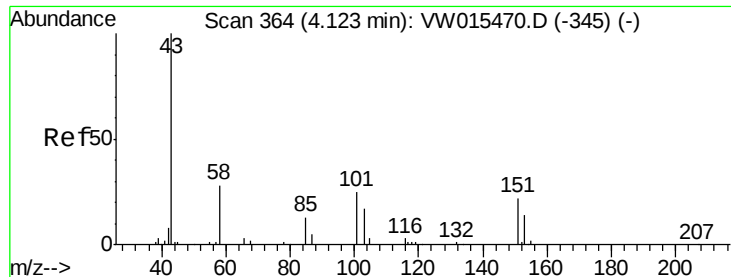
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 20.941 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

ClientSampled :

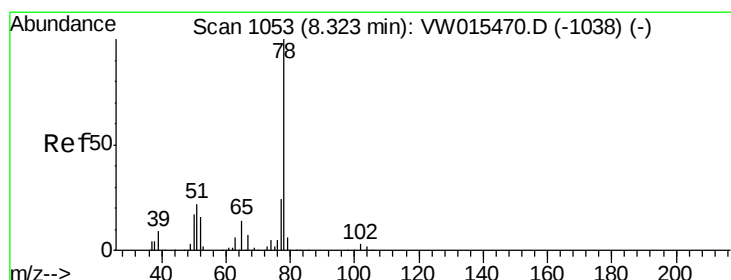
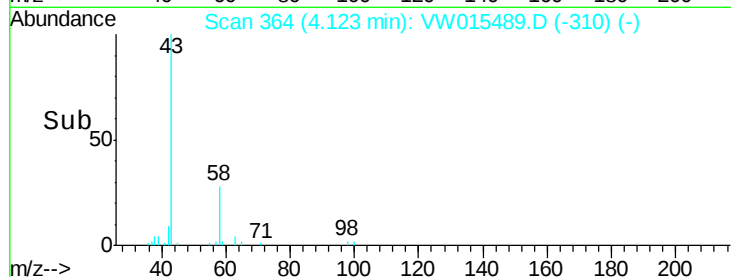
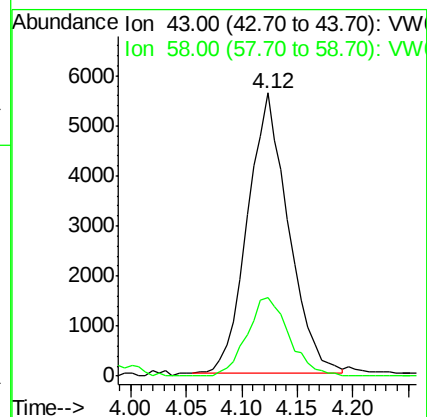
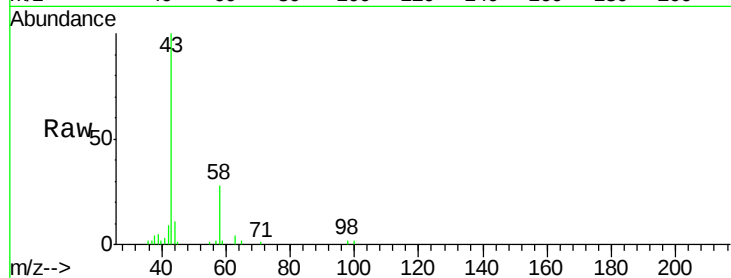
GAXC7

Tot Ion: 43 Resp: 14260

Ion Ratio Lower Upper

43 100

58 29.0 0.0 56.8



#34

Benzene

Concen: 0.550 ug/L

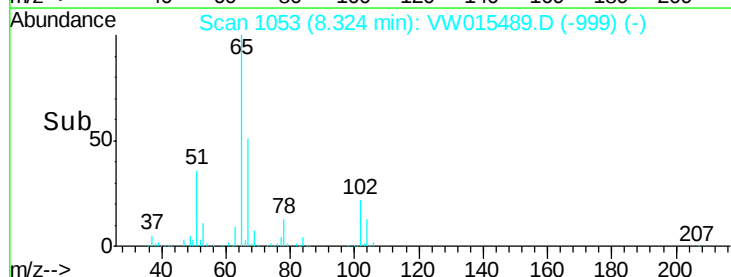
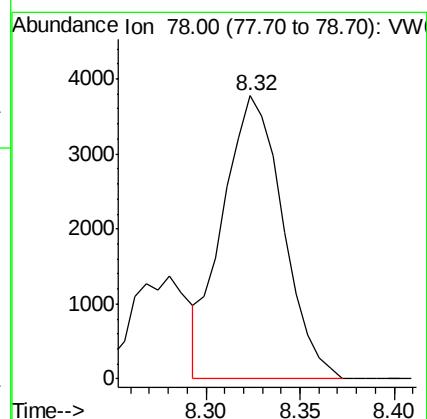
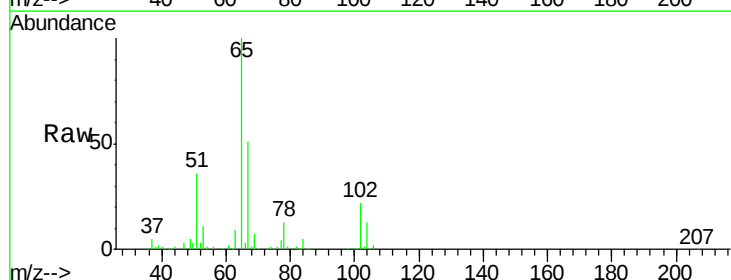
RT: 8.32 min Scan# 1053

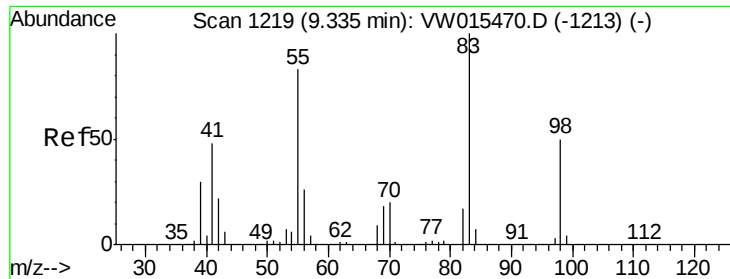
Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Tgt Ion: 78 Resp: 8358

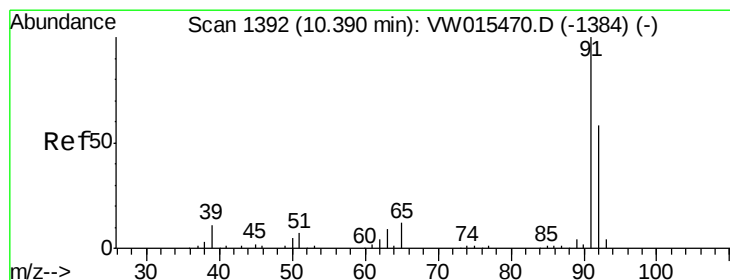
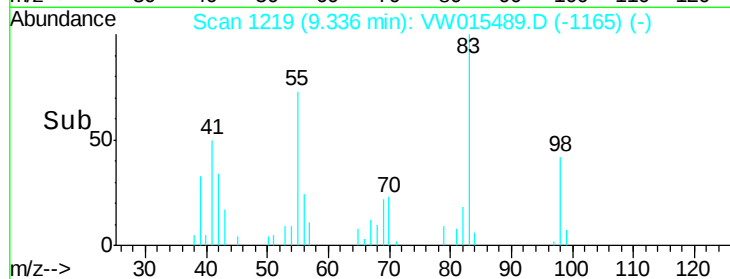
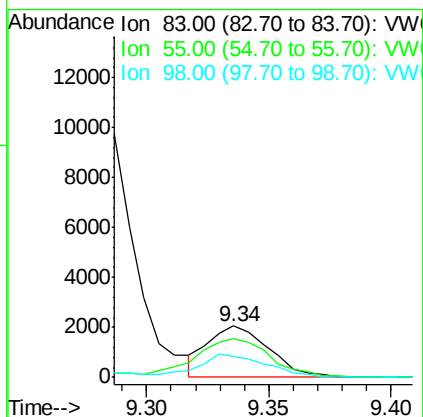
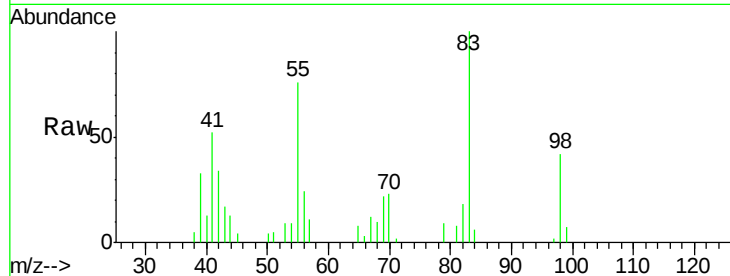




#36
Methvlcvclohexane
Concen: 0.485 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015489.D
Acq: 26 May 2020 22:20

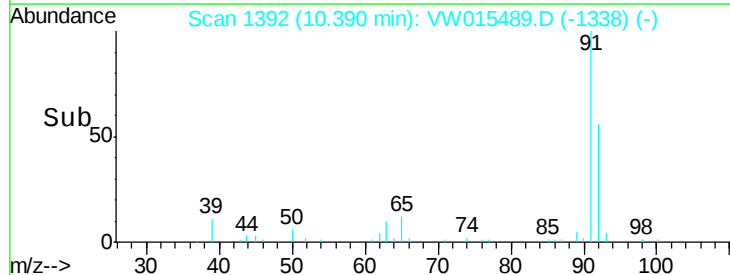
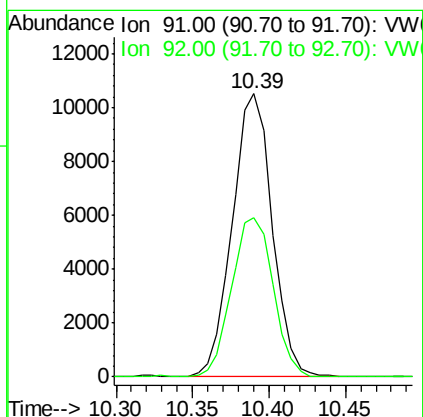
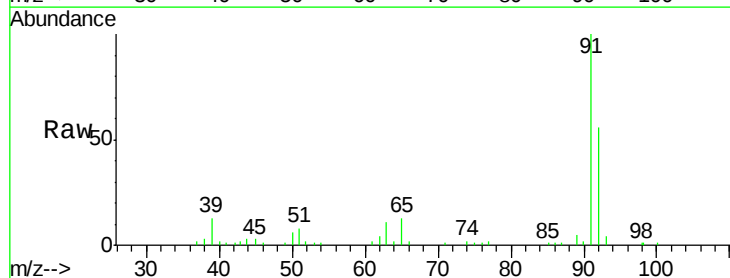
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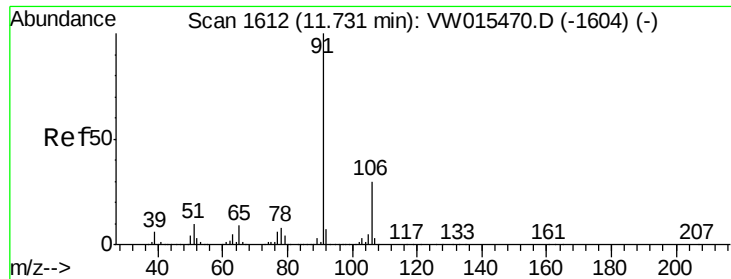
Tot Ion: 83 Resp: 3533
Ion Ratio Lower Upper
83 100
55 93.8 62.8 94.2
98 49.4 39.2 58.8



#44
Toluene
Concen: 1.150 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015489.D
Acq: 26 May 2020 22:20

Tgt Ion: 91 Resp: 19049
Ion Ratio Lower Upper
91 100
92 56.3 41.7 77.5

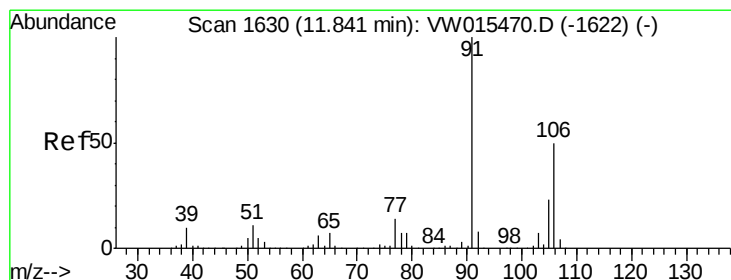
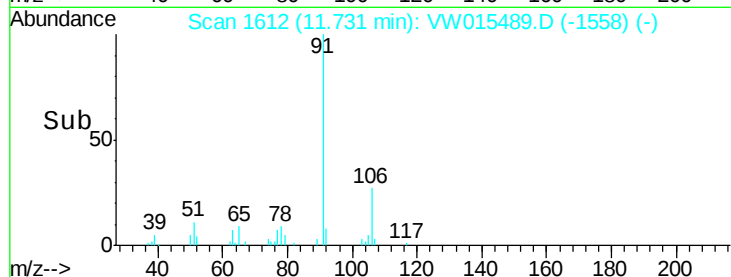
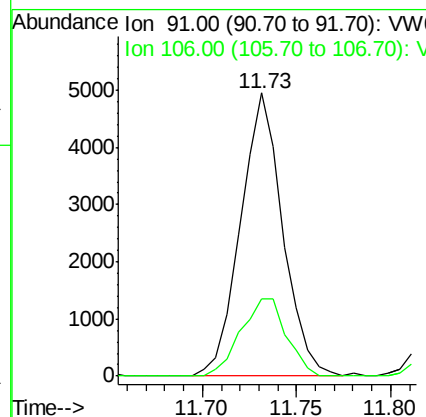
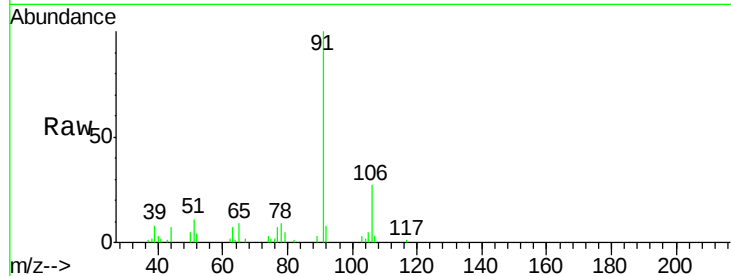




#53
Ethylbenzene
Concen: 0.403 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015489.D
Acq: 26 May 2020 22:20

Instrument :
MSVOA_W
ClientSampled :
GAXC7

Tot Ion: 91 Resp: 7668
Ion Ratio Lower Upper
91 100
106 27.1 21.3 39.6



#54
m,p-Xylene
Concen: 0.660 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015489.D
Acq: 26 May 2020 22:20

Tgt Ion: 106 Resp: 4715
Ion Ratio Lower Upper
106 100
91 204.9 142.6 264.8

