

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015502.D
 Acq On : 27 May 2020 14:24
 Operator : SY/VA
 Sample : L2755-04
 Misc : 5.77G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD0

Quant Time: May 28 02:54:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121033	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75835	28.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.28%
7) Chloroethane-d5	2.89	69	70696	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.28%
10) 1,1-Dichloroethene-d2	4.01	63	114986	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	7.08	46	68033	77.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.28%#
24) Chloroform-d	7.65	84	165768	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	110550	29.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.60%
29) Benzene-d6	8.27	84	329992	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	103704	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.32	98	307169	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.58	79	47132	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.48%
39) 2-Hexanone-d5	10.93	63	58571	83.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99961	32.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	103552	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

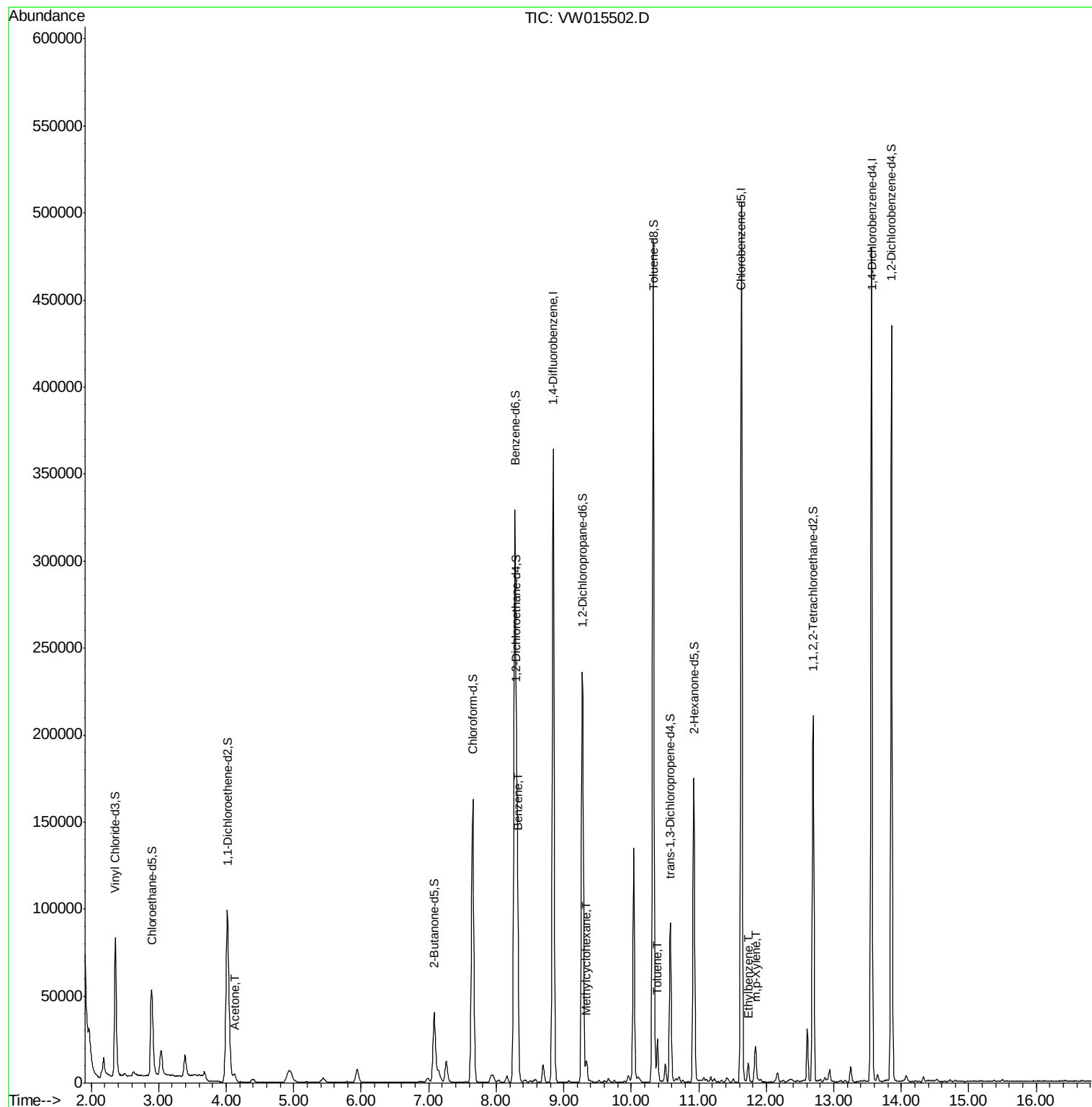
					Ovalue
13) Acetone	4.12	43	7273	10.668	ug/L 95
34) Benzene	8.32	78	7167	0.471	ug/L 100
36) Methylcyclohexane	9.34	83	4467	0.613	ug/L 98
44) Toluene	10.39	91	16912	1.020	ug/L 100
53) Ethylbenzene	11.73	91	7153	0.376	ug/L 99
54) m,p-Xylene	11.84	106	4799	0.672	ug/L 80

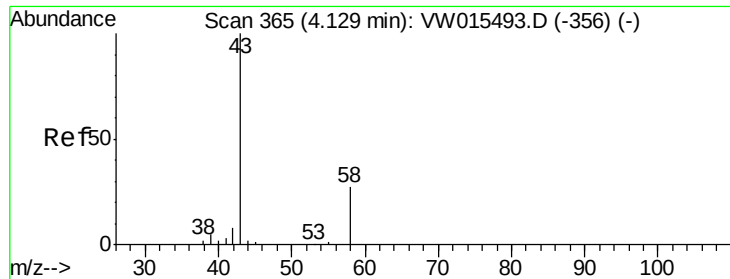
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 01:49:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.668 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

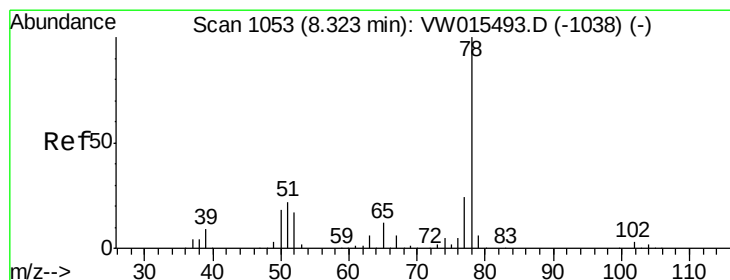
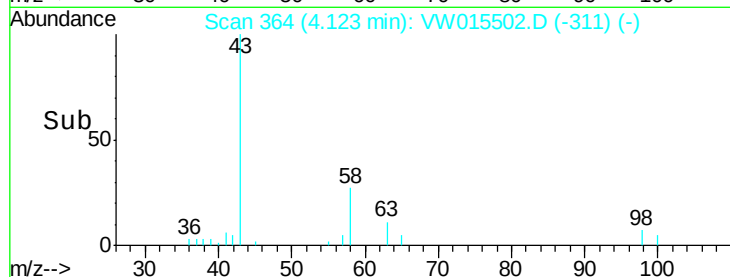
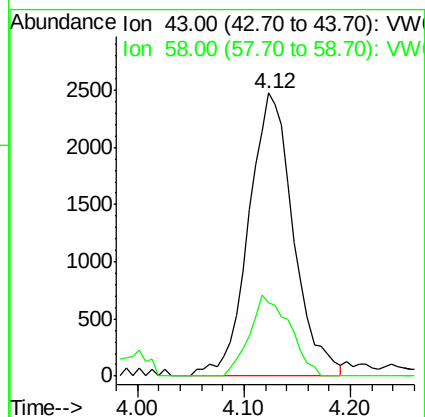
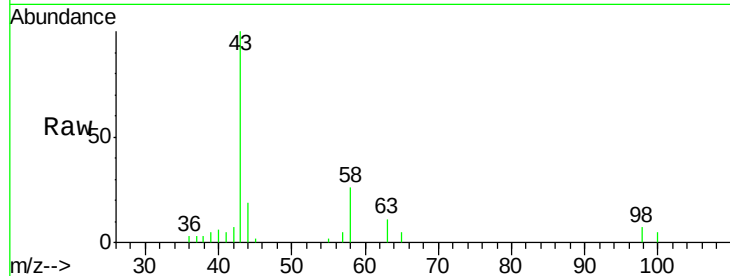
GAXD0

Tot Ion: 43 Resp: 7273

Ion Ratio Lower Upper

43 100

58 25.7 0.0 56.8



#34

Benzene

Concen: 0.471 ug/L

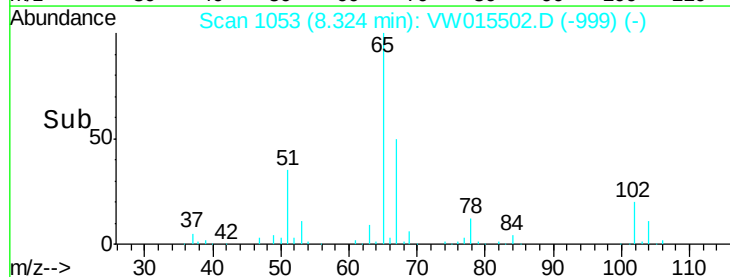
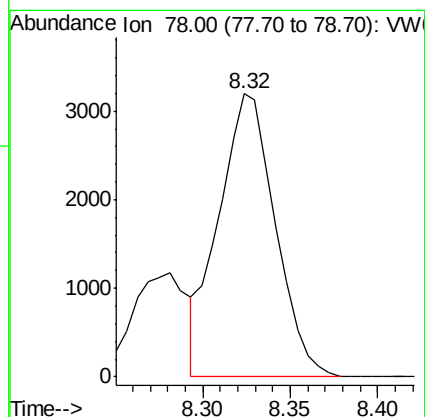
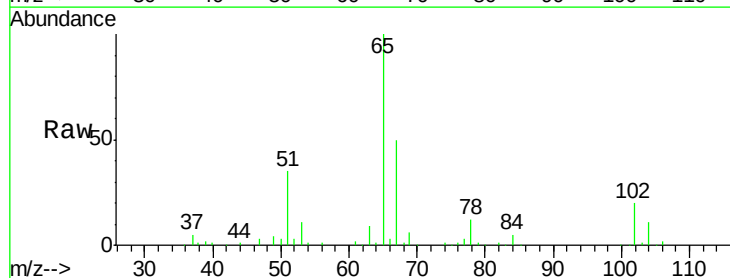
RT: 8.32 min Scan# 1053

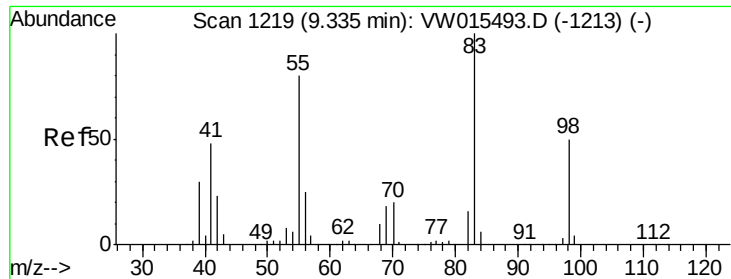
Delta R.T. 0.00 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Tgt Ion: 78 Resp: 7167

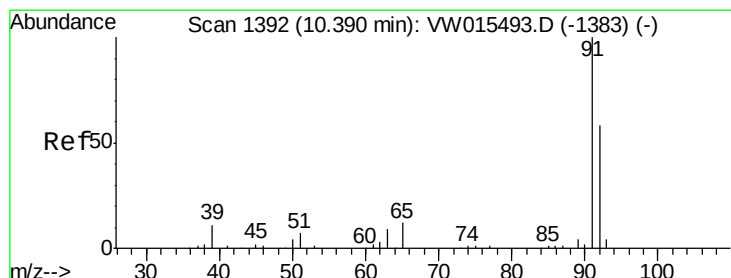
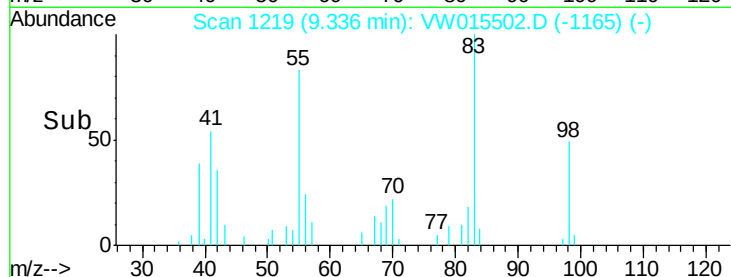
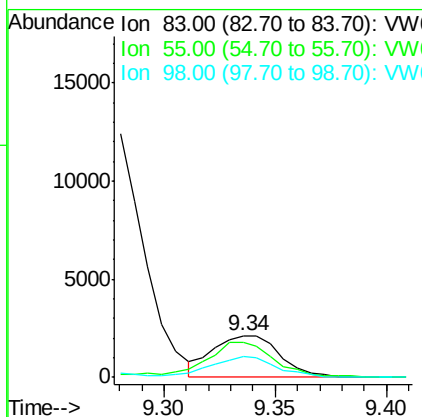
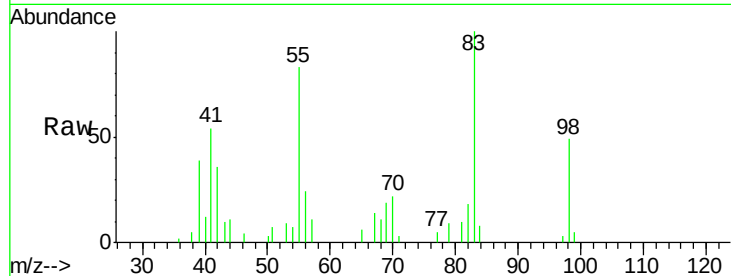




#36
Methvlcvclohexane
Concen: 0.613 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015502.D
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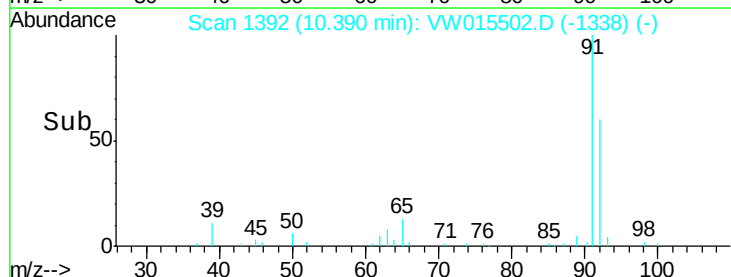
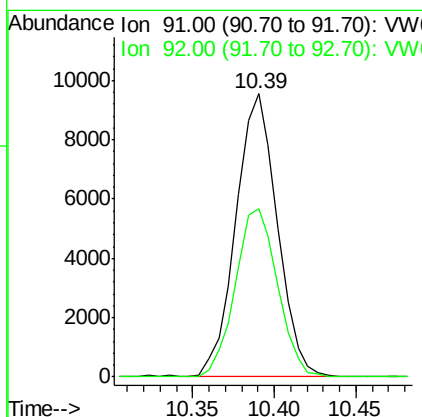
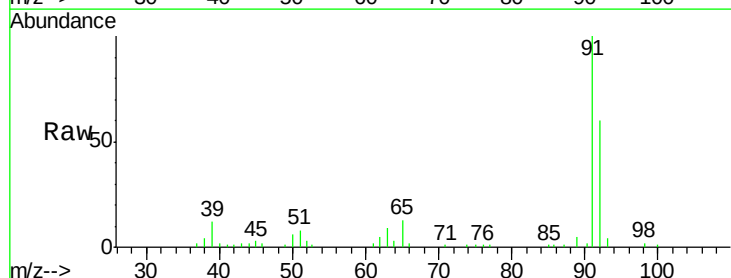
Instrument :
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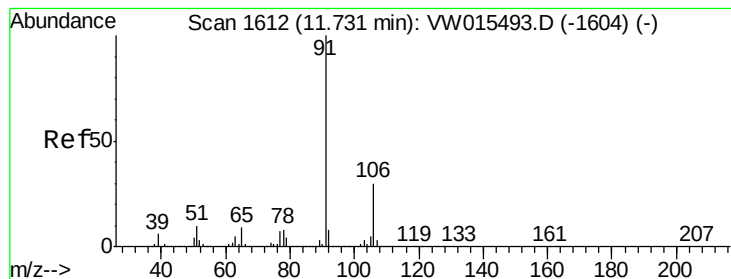
Tot Ion: 83 Resp: 4467
Ion Ratio Lower Upper
83 100
55 81.9 62.8 94.2
98 48.9 39.2 58.8



#44
Toluene
Concen: 1.020 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015502.D
Acq: 27 May 2020 14:24

Tgt Ion: 91 Resp: 16912
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5





#53

Ethylbenzene

Concen: 0.376 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

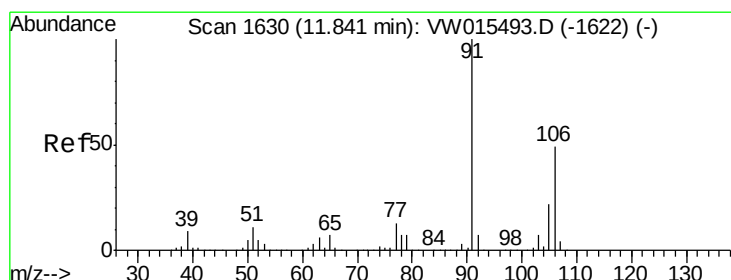
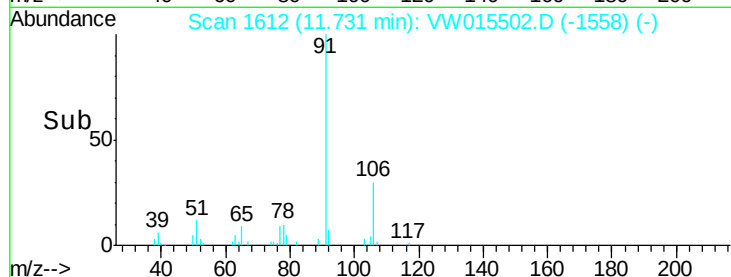
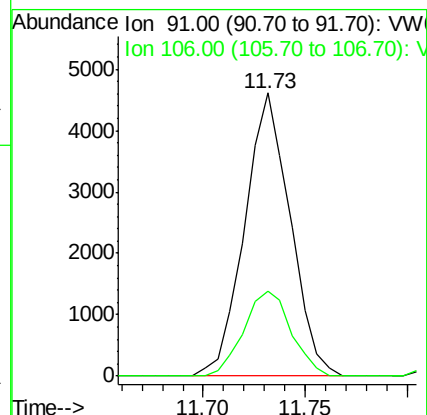
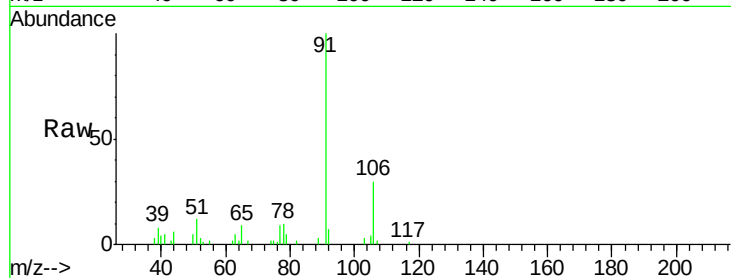
GAXD0

Tot Ion: 91 Resp: 7153

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.6



#54

m,p-Xylene

Concen: 0.672 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015502.D

Acq: 27 May 2020 14:24

Tgt Ion: 106 Resp: 4799

Ion Ratio Lower Upper

106 100

91 173.6 142.6 264.8

