

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015983.D
 Acq On : 28 Jul 2020 14:53
 Operator : SY/VA
 Sample : L3458-15
 Misc : 6.06G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY41

Quant Time: Jul 29 05:28:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	497312	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	134732	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
7) Chloroethane-d5	2.89	69	108944	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	4.01	63	207299	13.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.92%
20) 2-Butanone-d5	7.09	46	72119	35.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.84%
24) Chloroform-d	7.65	84	275394	17.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.40%
26) 1,2-Dichloroethane-d4	8.31	65	151331	17.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.48%
29) Benzene-d6	8.28	84	567821	18.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.04%
33) 1,2-Dichloropropane-d6	9.27	67	175797	19.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.48%
37) Toluene-d8	10.33	98	501020	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.08%
38) trans-1,3-Dichloropropene-	10.58	79	69315	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.68%
39) 2-Hexanone-d5	10.93	63	60285	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	135074	19.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	165179	19.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.52%

Target Compounds

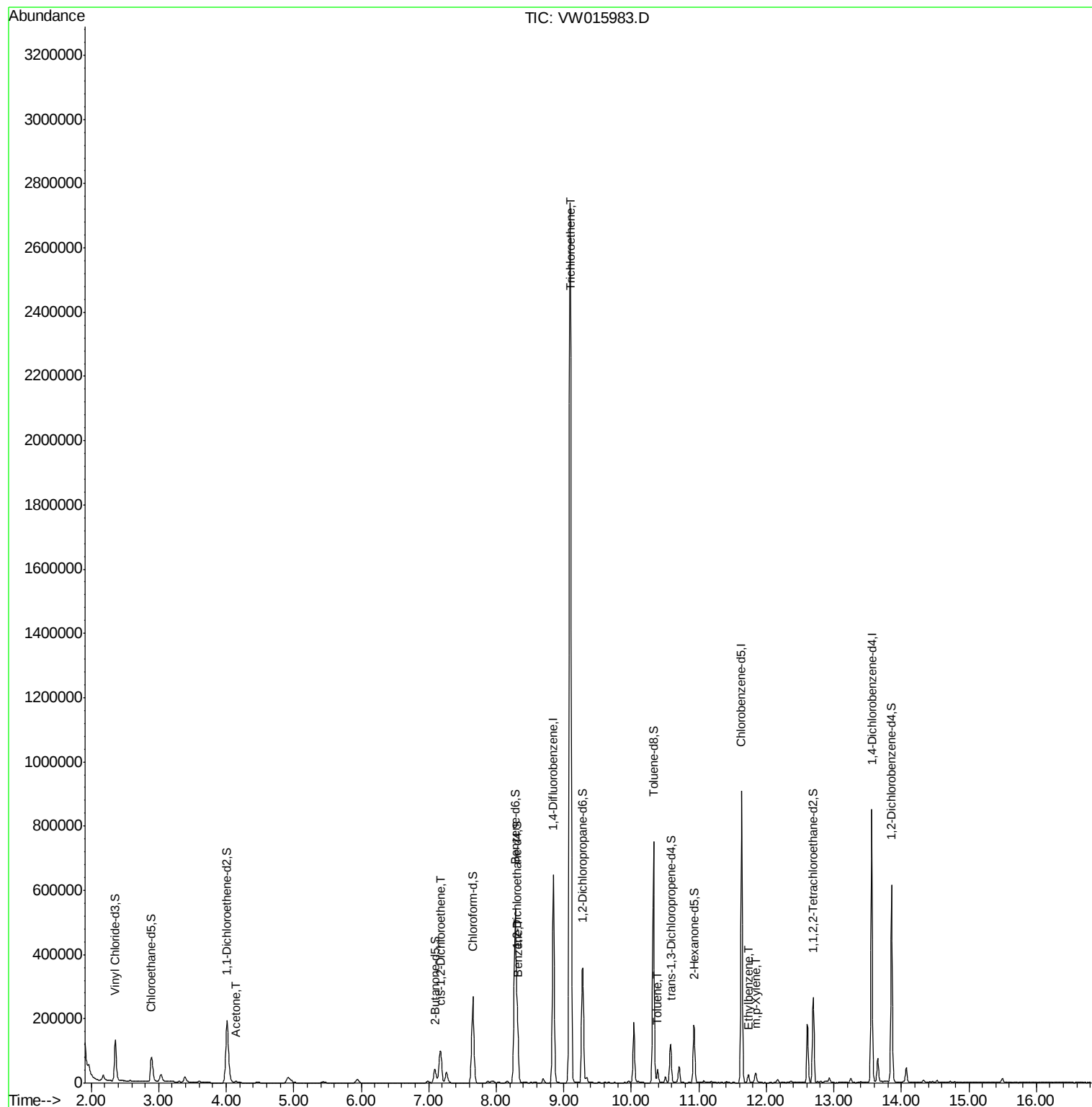
					Ovalue
13) Acetone	4.15	43	7965	4.658 ug/L	74
22) cis-1,2-Dichloroethene	7.18	96	55651	7.134 ug/L	94
34) Benzene	8.32	78	11164	0.370 ug/L	100
35) Trichloroethene	9.10	95	978738	122.494 ug/L	97
44) Toluene	10.39	91	28966	0.914 ug/L	97
53) Ethylbenzene	11.73	91	17712	0.497 ug/L	99
54) m,p-Xylene	11.83	106	5501	0.413 ug/L	96

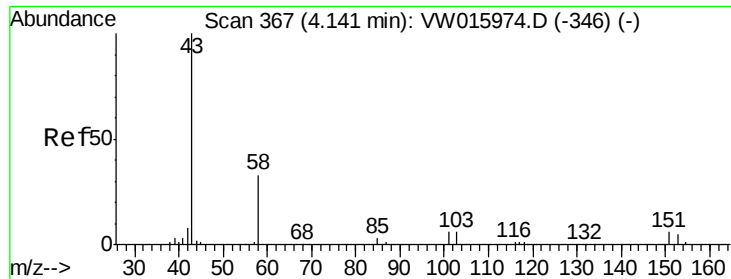
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.658 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

Instrument :

MSVOA_W

ClientSampled :

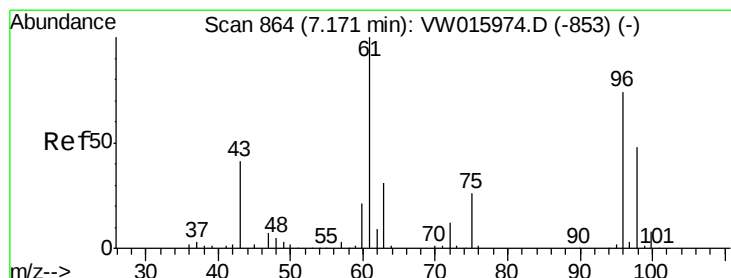
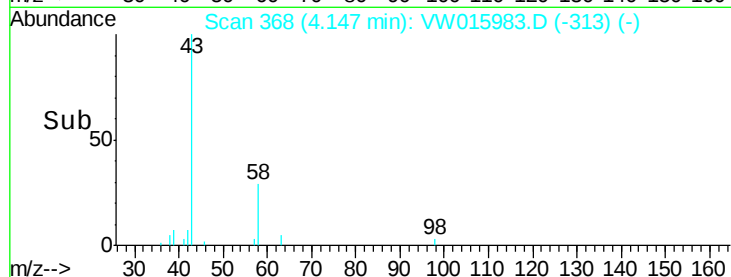
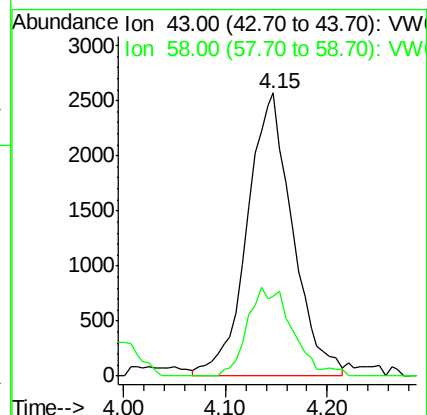
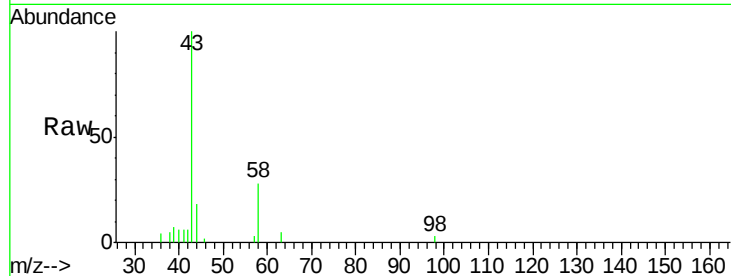
GAY41

Tot Ion: 43 Resp: 7965

Ion Ratio Lower Upper

43 100

58 15.1 0.0 58.2



#22

cis-1,2-Dichloroethene

Concen: 7.134 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

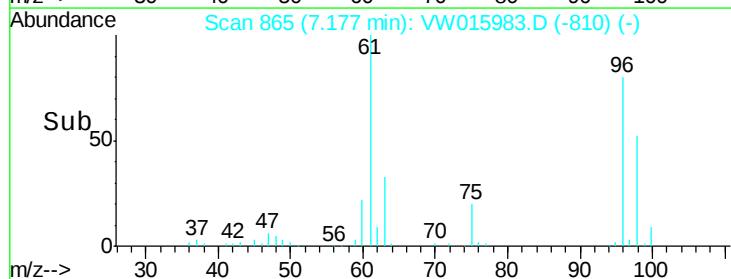
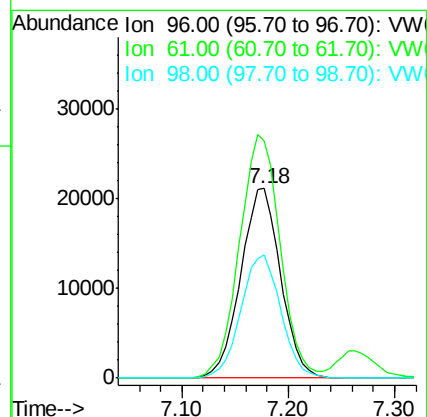
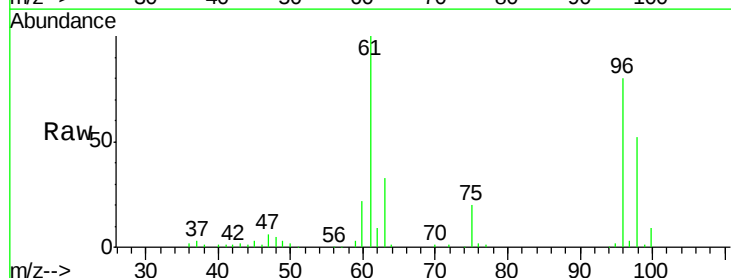
Tgt Ion: 96 Resp: 55651

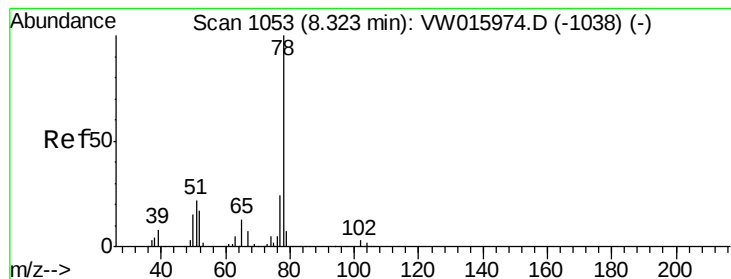
Ion Ratio Lower Upper

96 100

61 125.2 94.6 175.8

98 65.2 44.3 82.3





#34

Benzene

Concen: 0.370 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

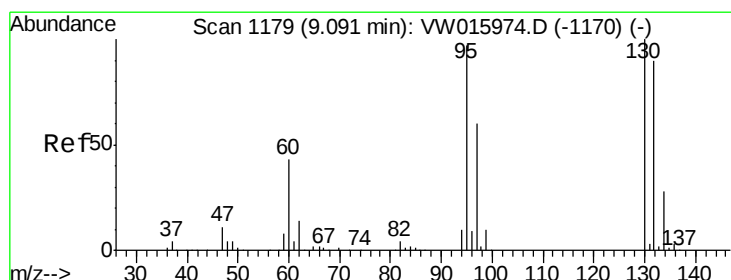
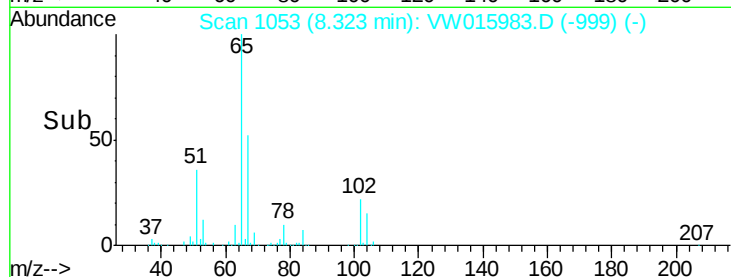
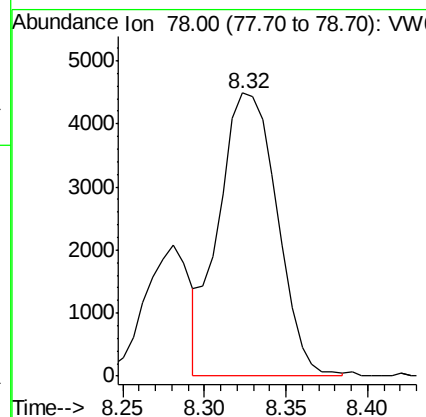
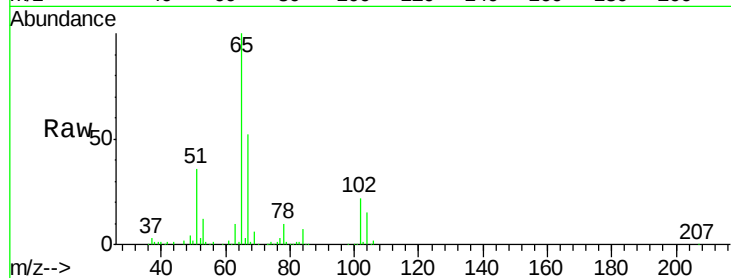
Instrument :

MSVOA_W

ClientSampleId :

GAY41

Tgt Ion: 78 Resp: 11164



#35

Trichloroethene

Concen: 122.494 ug/L

RT: 9.10 min Scan# 1180

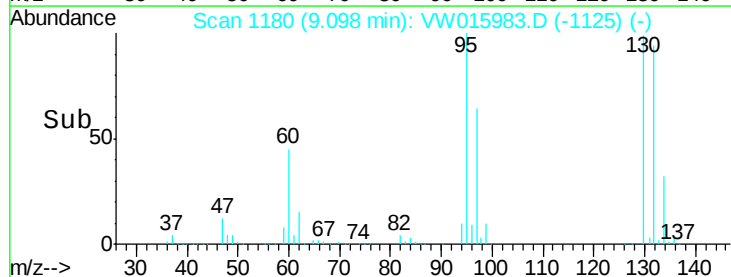
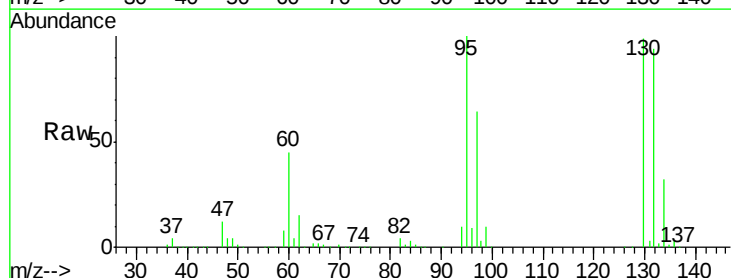
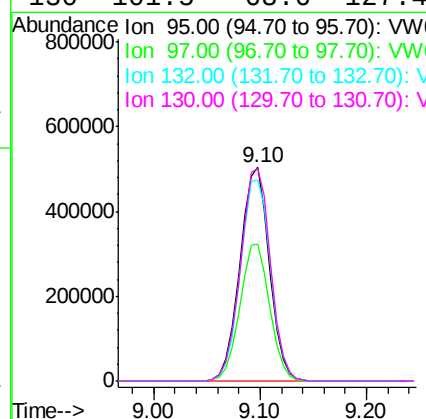
Delta R.T. 0.01 min

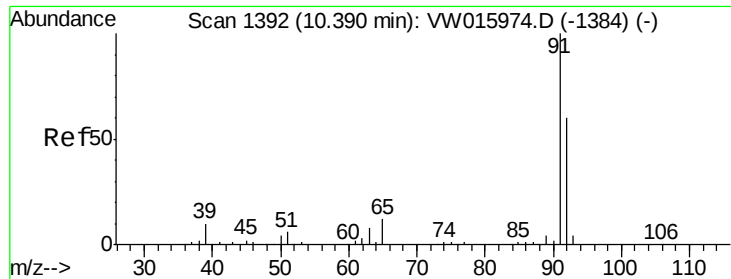
Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

Tgt Ion: 95 Resp: 978738

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	97.3	65.1	120.9
130	101.5	68.6	127.4





#44

Toluene

Concen: 0.914 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

Instrument :

MSVOA_W

ClientSampleId :

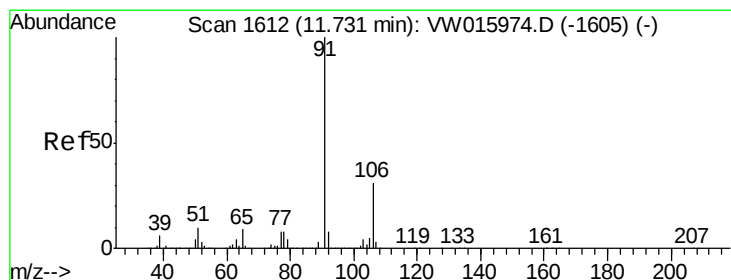
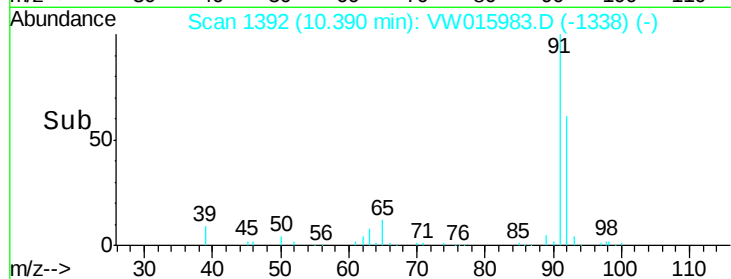
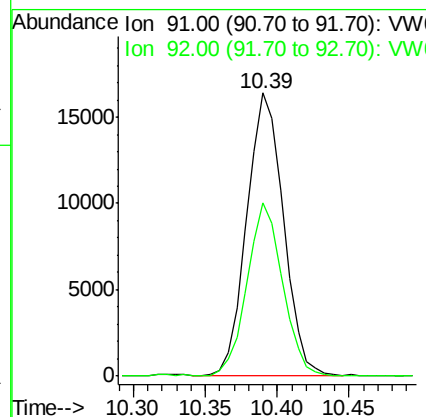
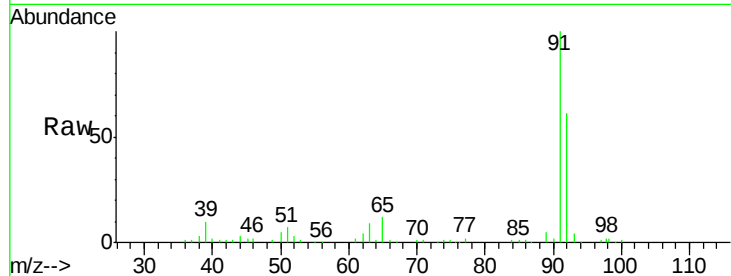
GAY41

Tot Ion: 91 Resp: 28966

Ion Ratio Lower Upper

91 100

92 61.2 41.2 76.4



#53

Ethylbenzene

Concen: 0.497 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015983.D

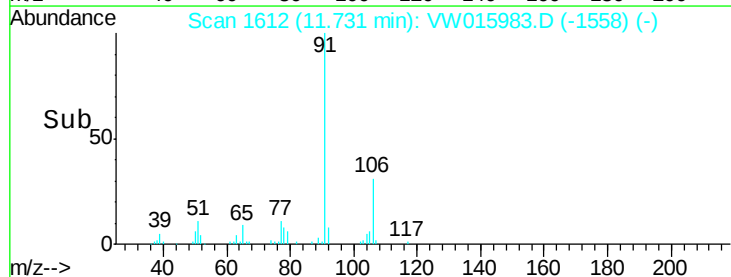
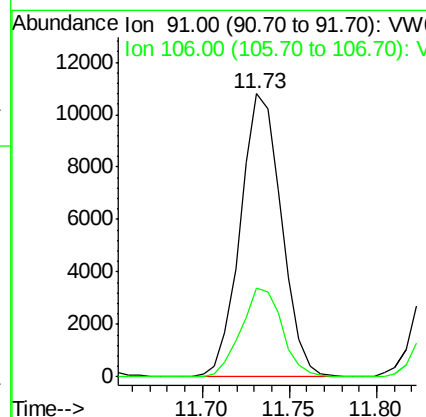
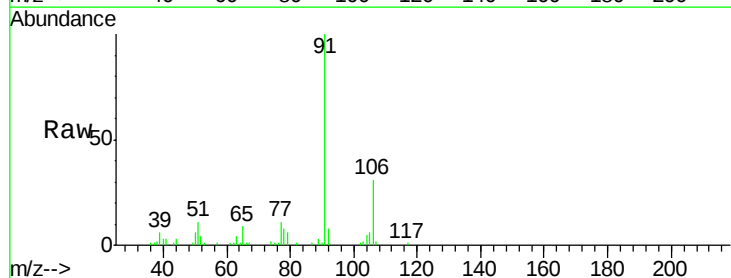
Acq: 28 Jul 2020 14:53

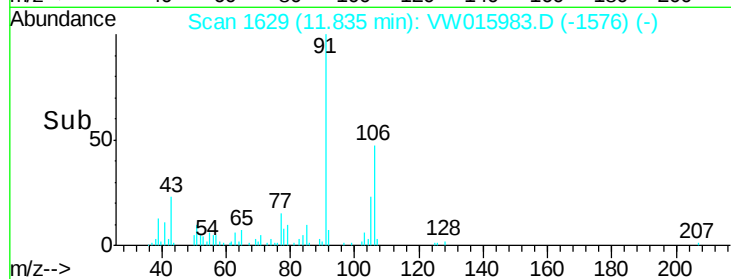
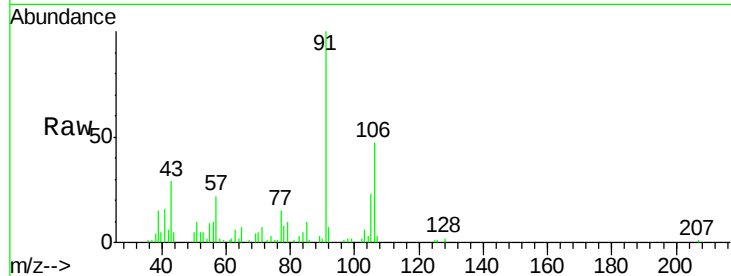
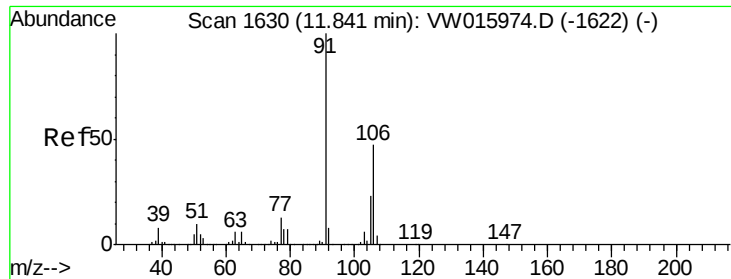
Tgt Ion: 91 Resp: 17712

Ion Ratio Lower Upper

91 100

106 31.4 22.4 41.6





#54

m,p-Xylene

Concen: 0.413 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015983.D

Acq: 28 Jul 2020 14:53

Instrument :

MSVOA_W

ClientSampleId :

GAY41

Tot Ion:106 Resp: 5501

Ion Ratio Lower Upper

106 100

91 212.3 144.1 267.5

