

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016151.D
 Acq On : 12 Aug 2020 11:10
 Operator : SY/VA
 Sample : L3599-07MSD
 Misc : 4.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY89MSD

Quant Time: Aug 13 01:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	344546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102962	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	2.89	69	77720	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	4.01	63	211456	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.24%
20) 2-Butanone-d5	7.09	46	61837	55.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.02%
24) Chloroform-d	7.65	84	220229	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.31	65	118787	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.27	84	418694	28.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.92%
33) 1,2-Dichloropropane-d6	9.27	67	126913	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.40%
37) Toluene-d8	10.33	98	349638	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.58	79	49959	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.84%
39) 2-Hexanone-d5	10.93	63	44497	59.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98166	27.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	79360	27.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.00%

Target Compounds

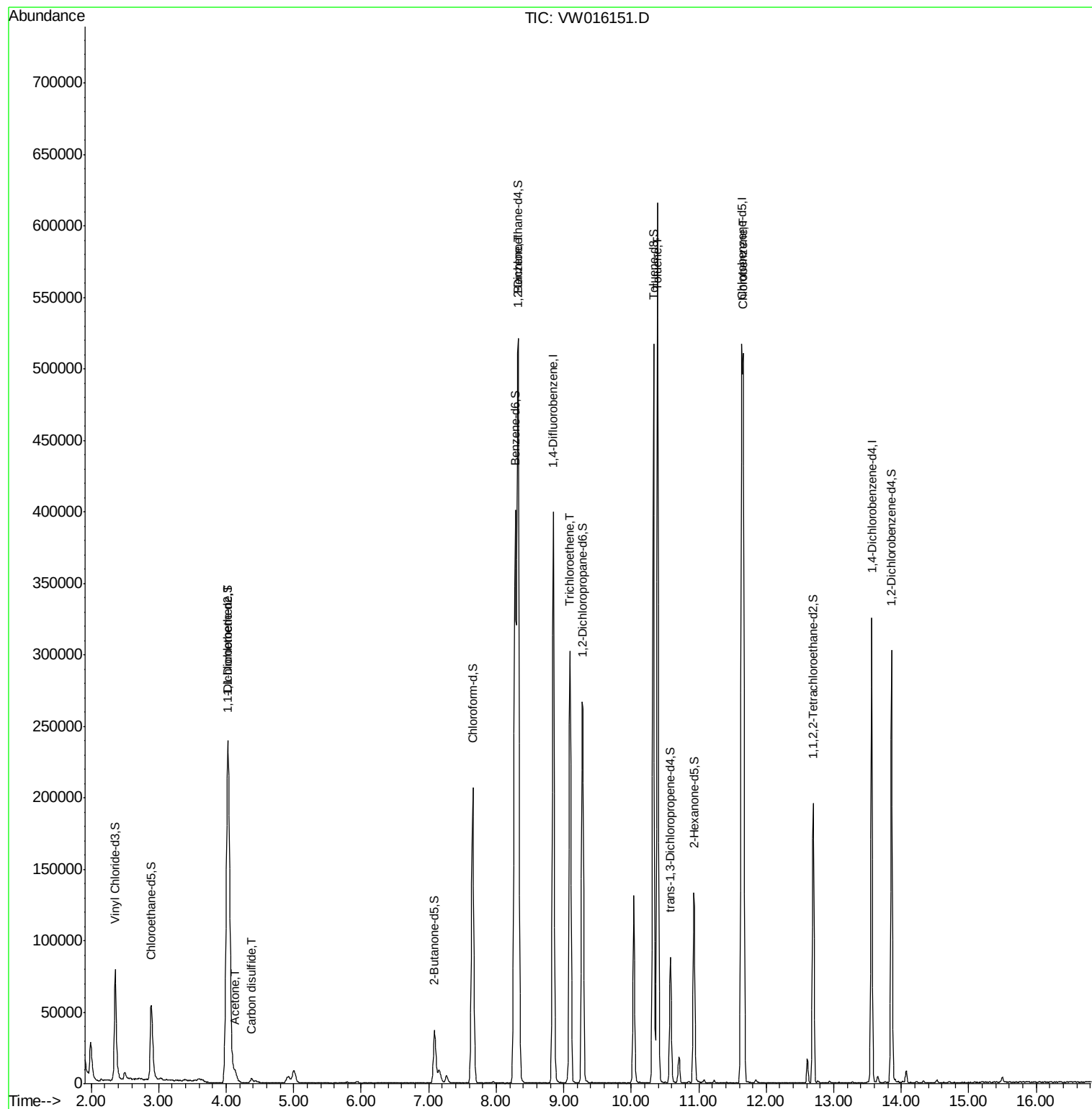
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	100764	22.786	ug/L	88
13) Acetone	4.14	43	11076	13.026	ug/L	90
14) Carbon disulfide	4.37	76	7097	0.511	ug/L	97
34) Benzene	8.32	78	450181	28.886	ug/L	100
35) Trichloroethene	9.09	95	110234	26.305	ug/L	99
44) Toluene	10.39	91	444826	27.038	ug/L	97
52) Chlorobenzene	11.66	112	262464	24.112	ug/L	94

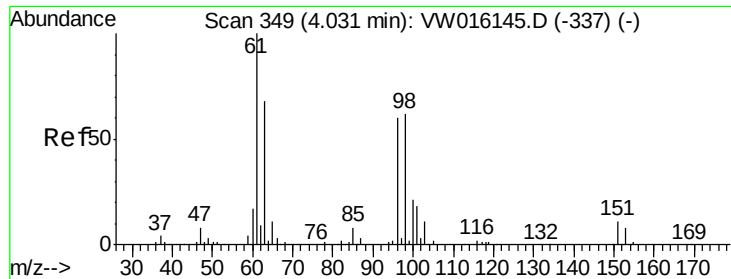
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.786 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW016151.D

Acq: 12 Aug 2020 11:10

Instrument :

MSVOA_W

ClientSampleId :

GAY89MSD

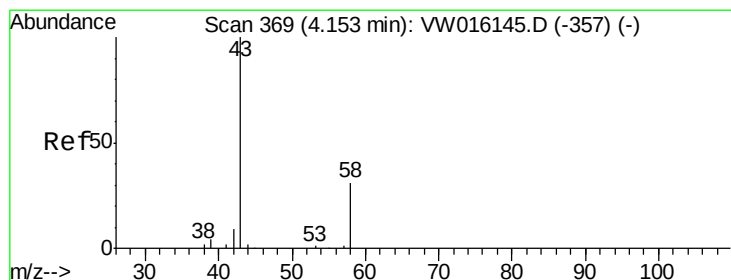
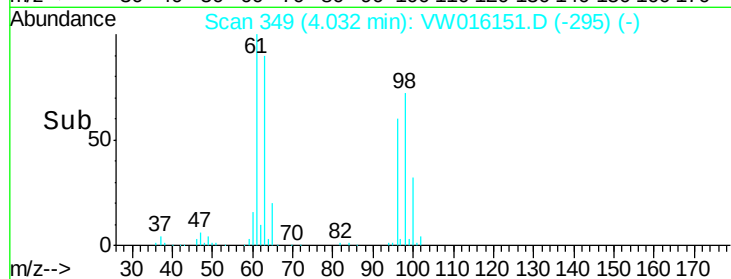
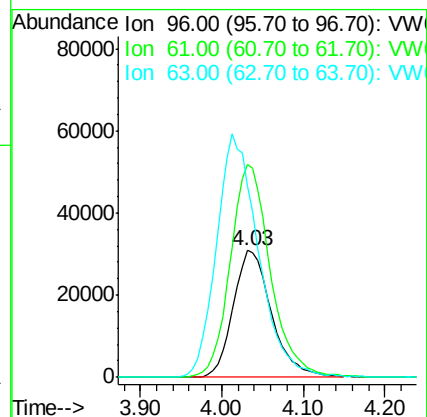
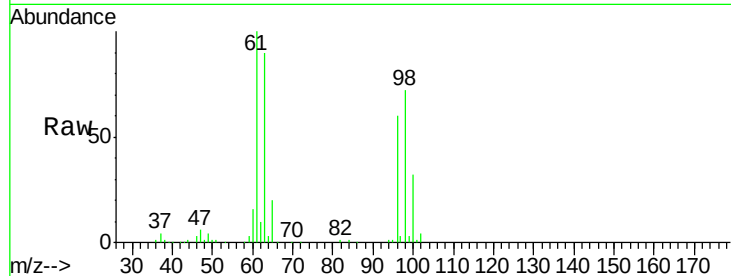
Tot Ion: 96 Resp: 100764

Ion Ratio Lower Upper

96 100

61 167.4 120.2 223.2

63 150.8 86.4 160.4



#13

Acetone

Concen: 13.026 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016151.D

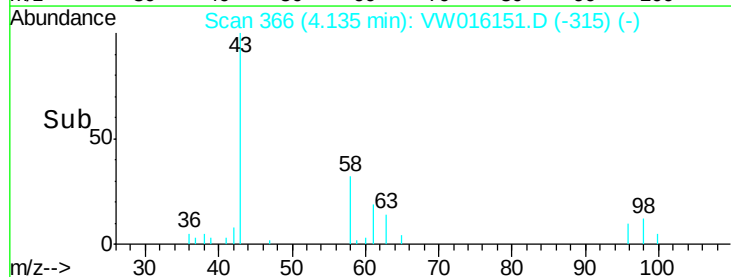
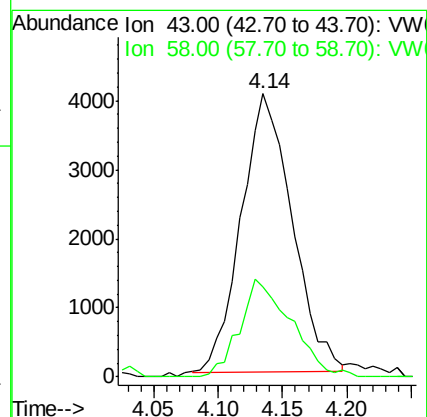
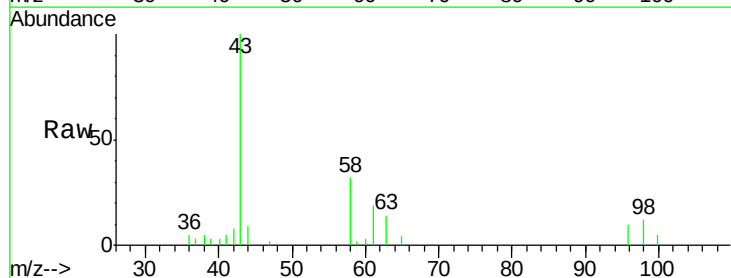
Acq: 12 Aug 2020 11:10

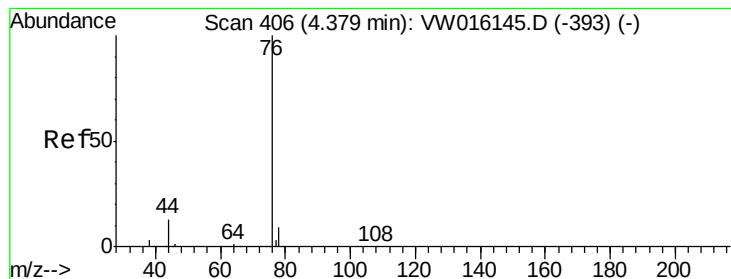
Tgt Ion: 43 Resp: 11076

Ion Ratio Lower Upper

43 100

58 34.9 0.0 59.4





#14

Carbon disulfide

Concen: 0.511 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW016151.D

Acq: 12 Aug 2020 11:10

Instrument :

MSVOA_W

ClientSampled :

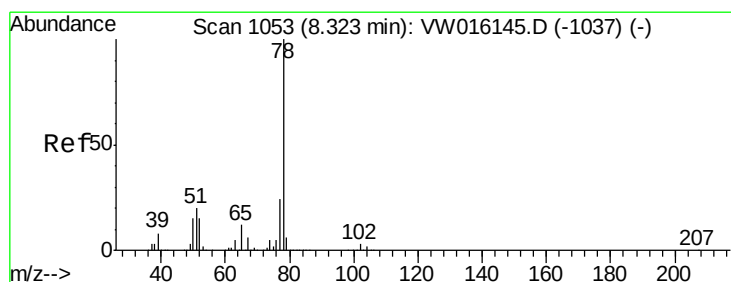
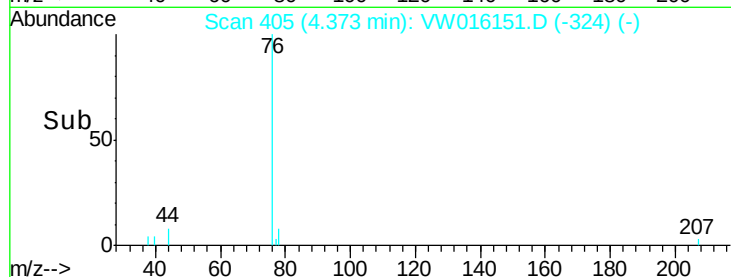
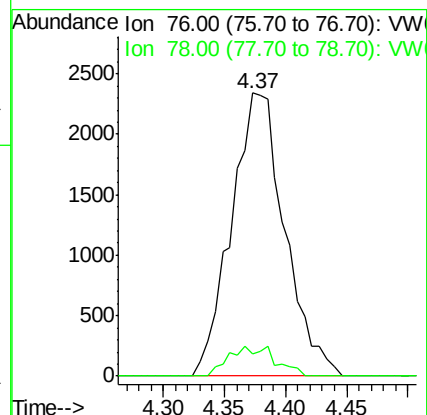
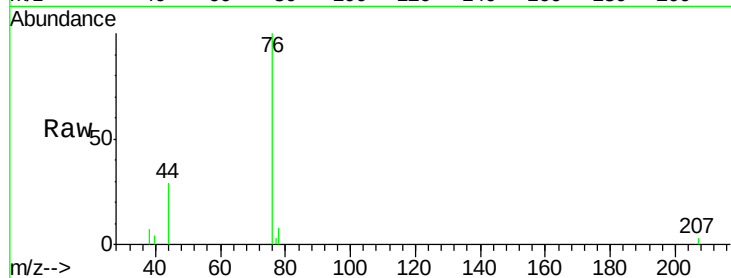
GAY89MSD

Tot Ion: 76 Resp: 7097

Ion Ratio Lower Upper

76 100

78 7.7 7.0 10.4



#34

Benzene

Concen: 28.886 ug/L

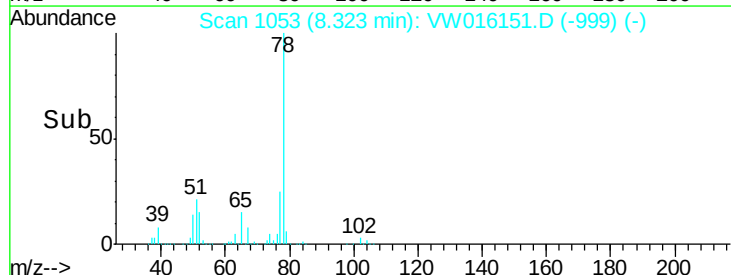
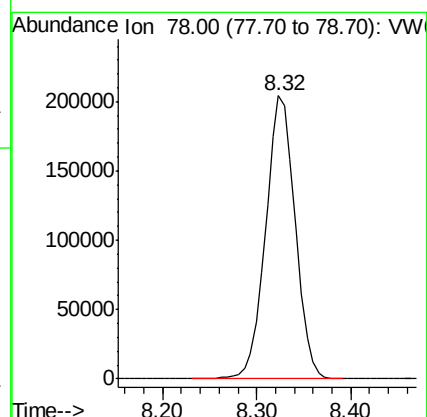
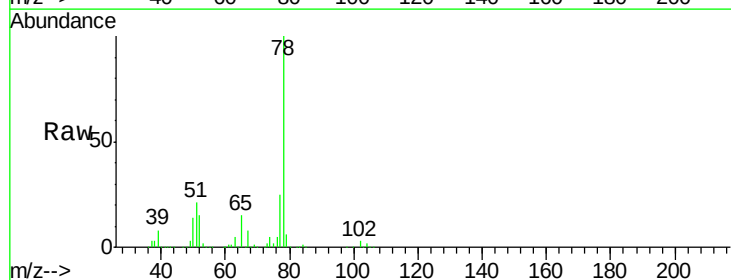
RT: 8.32 min Scan# 1053

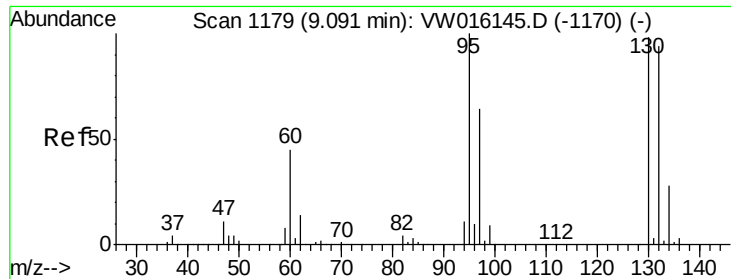
Delta R.T. 0.00 min

Lab File: VW016151.D

Acq: 12 Aug 2020 11:10

Tgt Ion: 78 Resp: 450181





#35

Trichloroethene

Concen: 26.305 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016151.D

Acq: 12 Aug 2020 11:10

Instrument :

MSVOA_W

ClientSampleId :

GAY89MSD

Tot Ion: 95 Resp: 110234

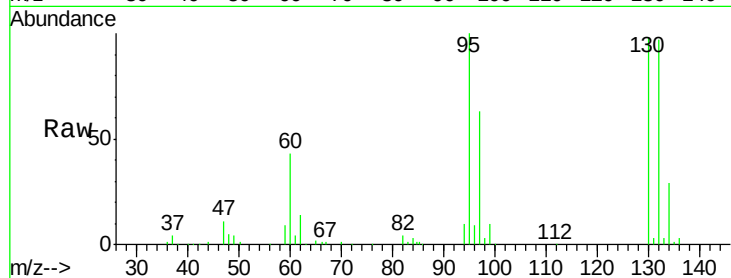
Ion Ratio Lower Upper

95 100

97 62.7 44.9 83.3

132 95.0 65.8 122.2

130 99.3 69.5 129.1

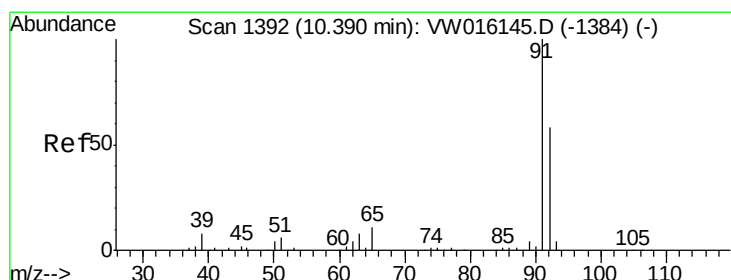
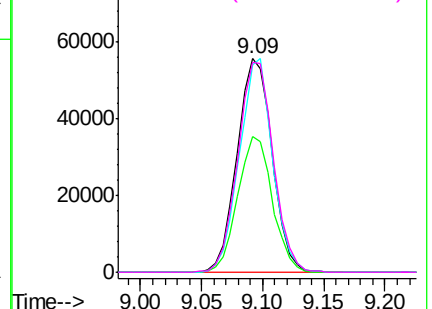
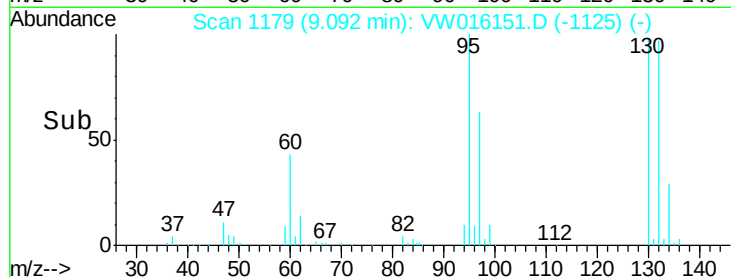


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 27.038 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016151.D

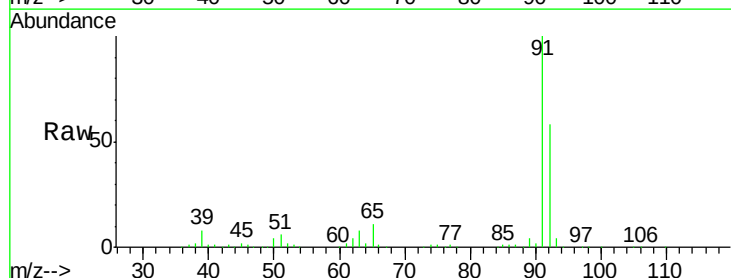
Acq: 12 Aug 2020 11:10

Tgt Ion: 91 Resp: 444826

Ion Ratio Lower Upper

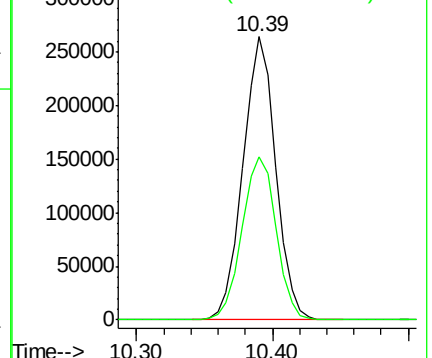
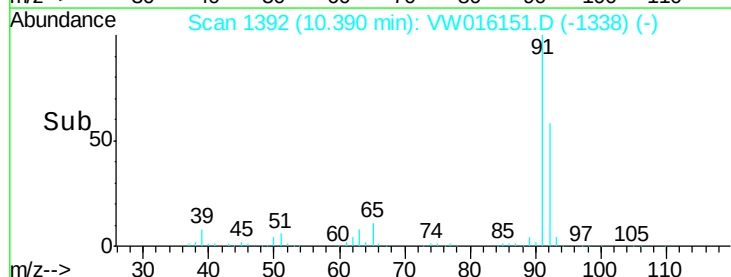
91 100

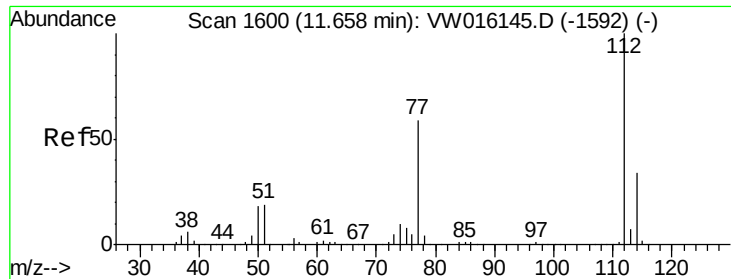
92 57.6 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52
 Chlorobenzene
 Concen: 24.112 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016151.D
 Acq: 12 Aug 2020 11:10

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY89MSD

Tot Ion	Ratio	Lower	Upper
112	100		
77	55.9	49.1	73.7
114	31.9	23.5	43.7

