

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015978.D
 Acq On : 28 Jul 2020 12:54
 Operator : SY/VA
 Sample : L3458-04
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY32

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:19:13 PM

Quant Time: Jul 29 05:06:40 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	411950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157324	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111004	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.90	69	90072	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
10) 1,1-Dichloroethene-d2	4.01	63	169626	14.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.08	46	86374	56.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.14%
24) Chloroform-d	7.65	84	228935	19.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.16%
26) 1,2-Dichloroethane-d4	8.31	65	135639	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.44%
29) Benzene-d6	8.28	84	461908	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	147267	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.33	98	400124	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.56%
38) trans-1,3-Dichloropropene-	10.58	79	61855	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.00%
39) 2-Hexanone-d5	10.93	63	67799	59.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136158	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	137033	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%

Target Compounds

					Ovalue
13) Acetone	4.13	43	10771	8.400 ug/L	96
15) Methyl Acetate	4.69	43	2119m	0.876 ug/L	
34) Benzene	8.32	78	11890	0.523 ug/L	100
36) Methylcyclohexane	9.34	83	6014	0.583 ug/L #	81
44) Toluene	10.39	91	27490	1.153 ug/L	94
53) Ethylbenzene	11.73	91	11493	0.429 ug/L	98
54) m,p-Xylene	11.83	106	5673	0.566 ug/L	95

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

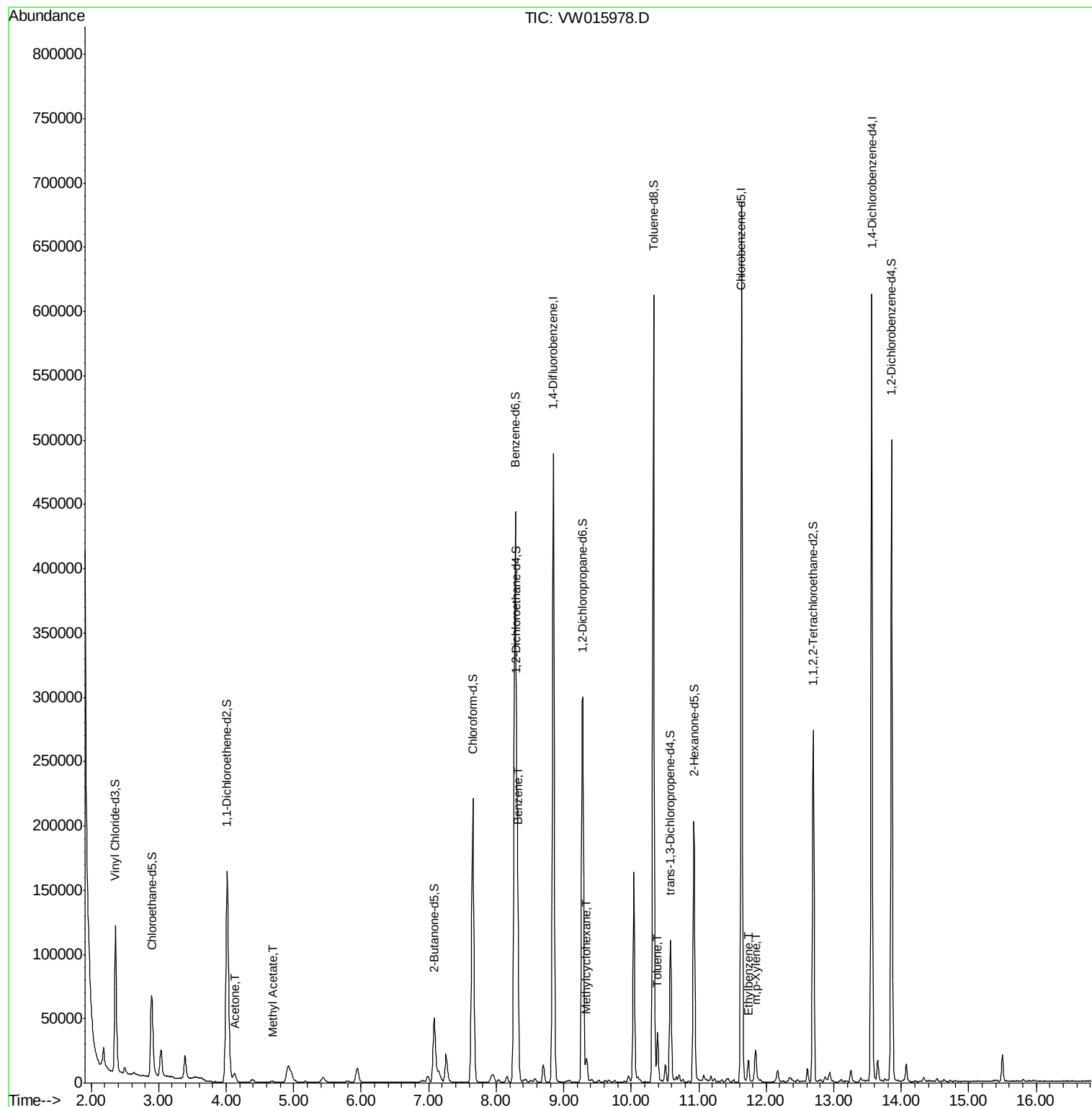
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072820\
Data File : VW015978.D
Acq On : 28 Jul 2020 12:54
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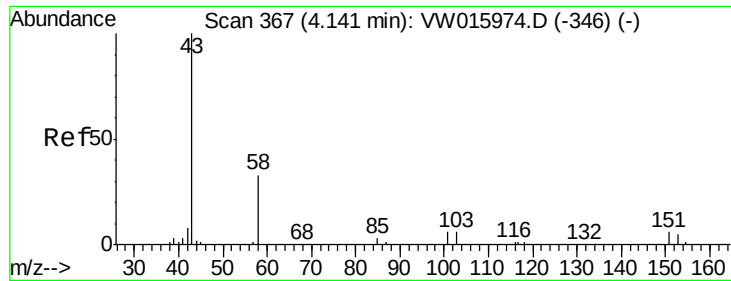
Instrument :
MSVOA_W
ClientSampleId :
GAY32

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Quant Time: Jul 29 05:06:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration





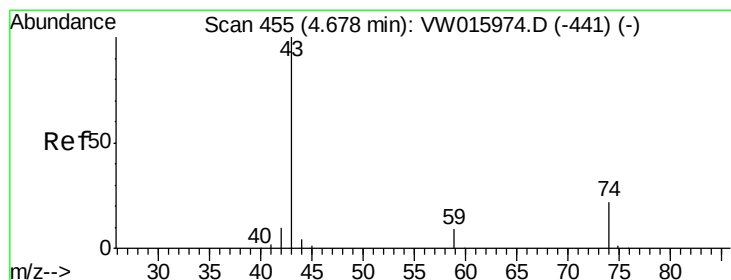
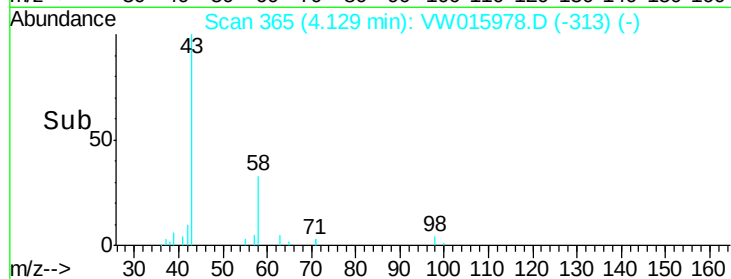
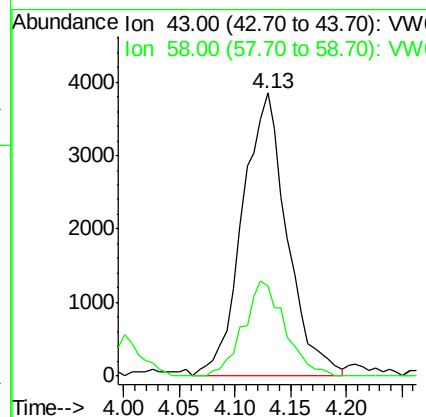
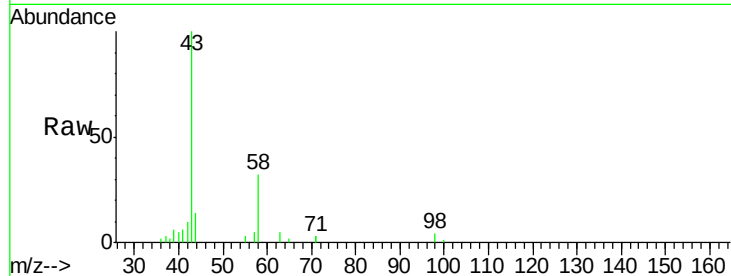
#13
Acetone
Concen: 8.400 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

Instrument :
MSVOA_W
ClientSampled :
GAY32

Tot Ion	43	58	Ratio	Lower	Upper
10771	100	31.0		0.0	58.2

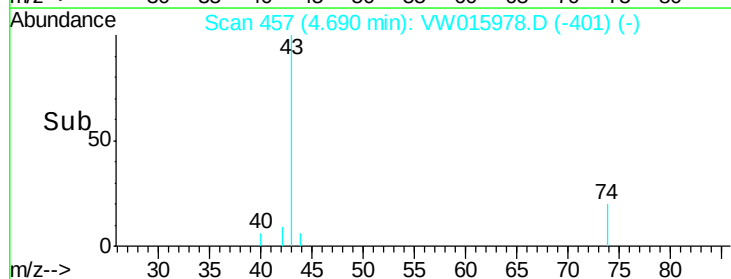
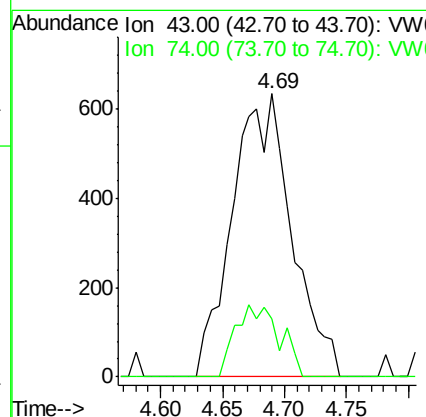
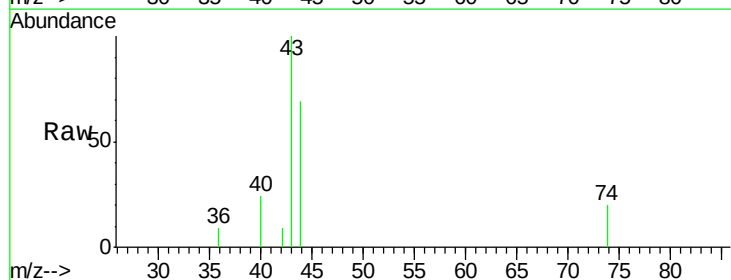
Manual Integrations
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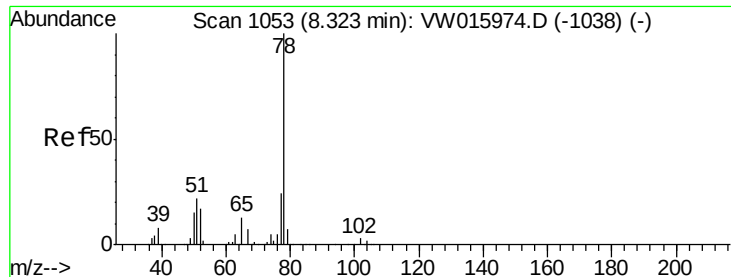
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#15
Methyl Acetate
Concen: 0.876 ug/L m
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW015978.D
Acq: 28 Jul 2020 12:54

Tgt Ion	43	74	Ratio	Lower	Upper
2119	100	10.1		18.2	27.2#





#34

Benzene

Concen: 0.523 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015978.D

Acq: 28 Jul 2020 12:54

Instrument :

MSVOA_W

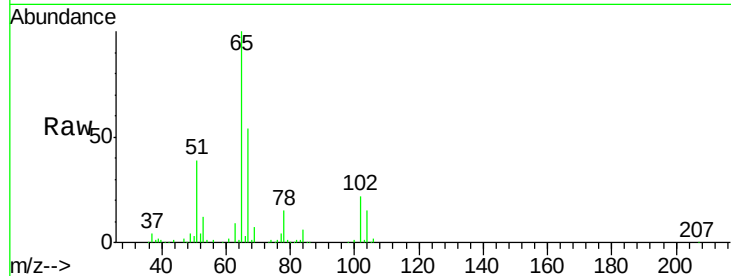
ClientSampleId :

GAY32

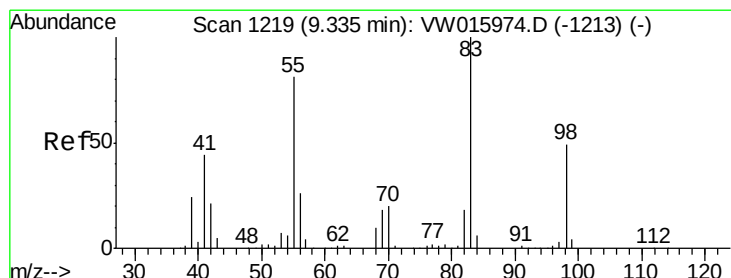
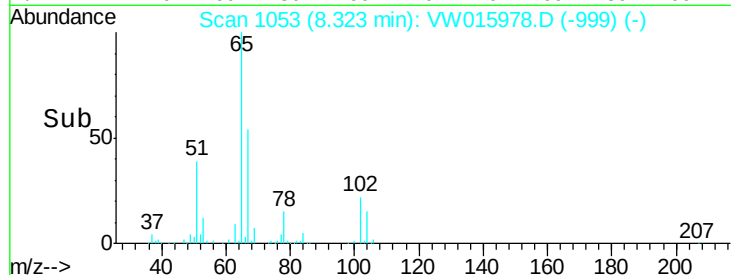
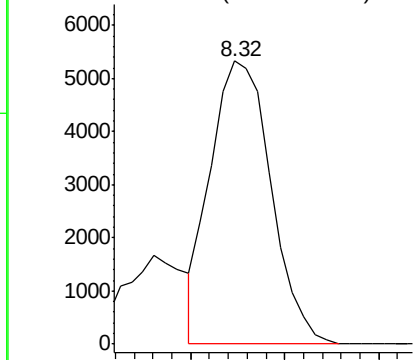
Tgt Ion: 78 Resp: 11890

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Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 0.583 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW015978.D

Acq: 28 Jul 2020 12:54

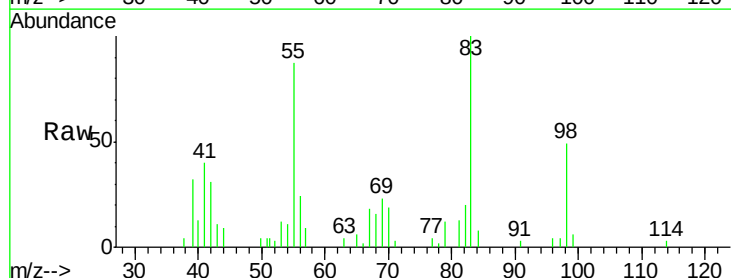
Tgt Ion: 83 Resp: 6014

Ion Ratio Lower Upper

83 100

55 103.2 63.5 95.3#

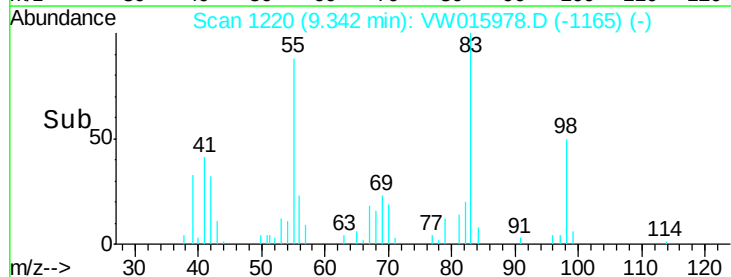
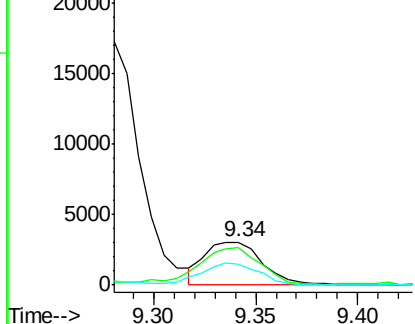
98 52.2 39.0 58.4

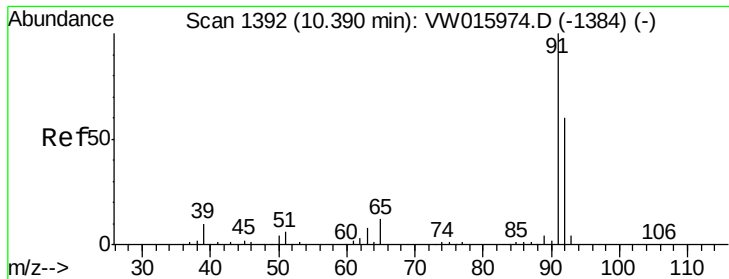


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 1.153 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015978.D

Acq: 28 Jul 2020 12:54

Instrument :

MSVOA_W

ClientSampleId :

GAY32

Tot Ion: 91 Resp: 27490

Ion Ratio Lower Upper

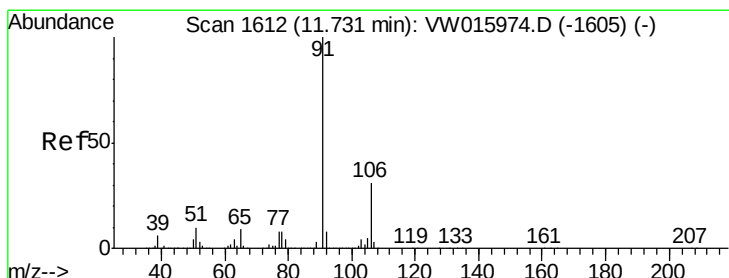
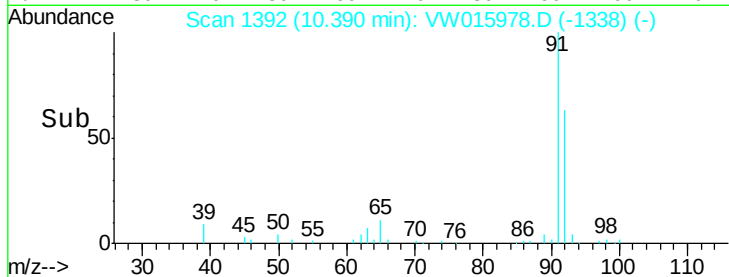
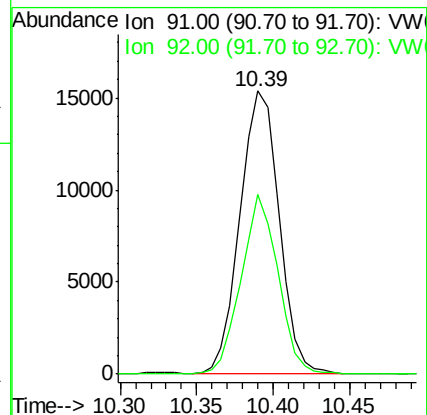
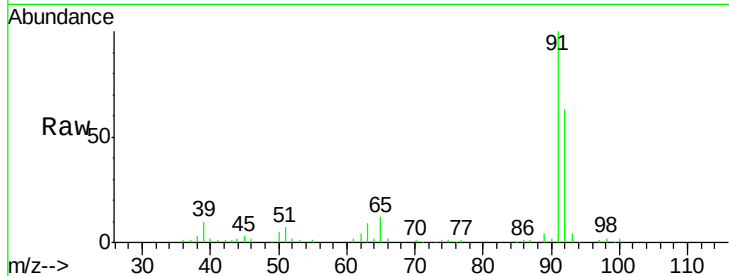
91 100

92 63.5 41.2 76.4

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#53

Ethylbenzene

Concen: 0.429 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015978.D

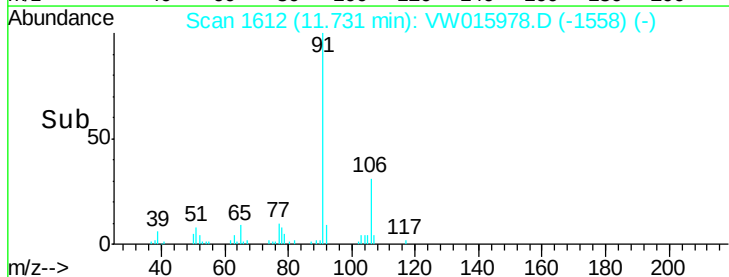
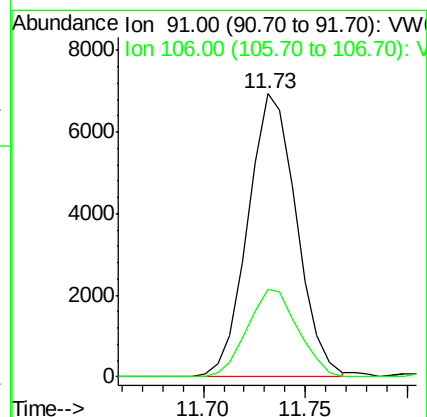
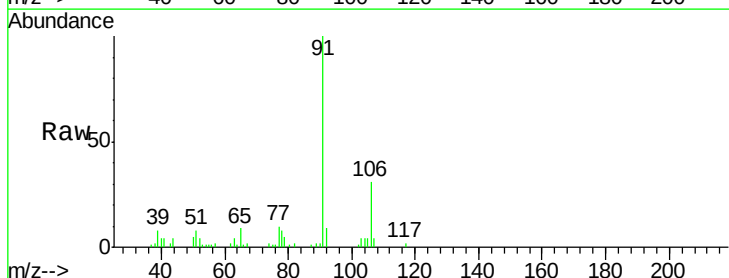
Acq: 28 Jul 2020 12:54

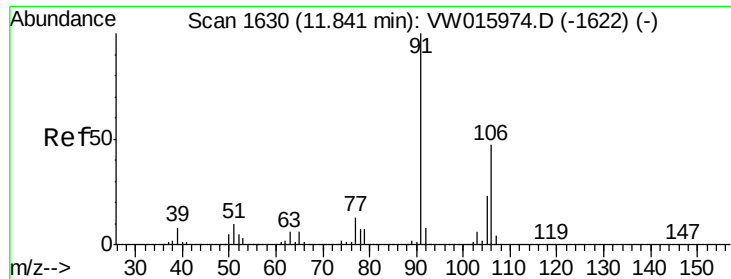
Tgt Ion: 91 Resp: 11493

Ion Ratio Lower Upper

91 100

106 31.0 22.4 41.6





#54
 m,p-Xylene
 Concen: 0.566 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW015978.D
 Acq: 28 Jul 2020 12:54

Instrument :
 MSVOA_W
 ClientSampled :
 GAY32

Tot Ion	Ratio	Resp	Lower	Upper
106	100	5673		
91	213.9		144.1	267.5

Manual Integrations
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