

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100720\
 Data File : VW016810.D
 Acq On : 06 Oct 2020 22:19
 Operator : SY/VA
 Sample : L4235-16
 Misc : 4.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ2

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:32 PM

Quant Time: Oct 07 04:44:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	478099	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94605	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142985	30.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.28%
7) Chloroethane-d5	2.90	69	126507	31.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.88%
10) 1,1-Dichloroethene-d2	4.03	63	206341	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.40%
20) 2-Butanone-d5	7.09	46	37112	34.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.48%
24) Chloroform-d	7.65	84	268145	26.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	8.31	65	138318	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.56%
29) Benzene-d6	8.28	84	552985	36.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.40%#
33) 1,2-Dichloropropane-d6	9.28	67	150678	36.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.40%#
37) Toluene-d8	10.33	98	454094	31.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	125.68%
38) trans-1,3-Dichloropropene-	10.59	79	40337	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	29639	46.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84709	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	81349	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

					Ovalue
13) Acetone	4.13	43	15161	18.753 ug/L	97
15) Methyl Acetate	4.70	43	1591m	0.824 ug/L	
16) Methylene chloride	4.93	84	5965	0.904 ug/L	98
21) 2-Butanone	7.18	43	14957m	11.021 ug/L	
44) Toluene	10.39	91	5259	0.262 ug/L	99

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

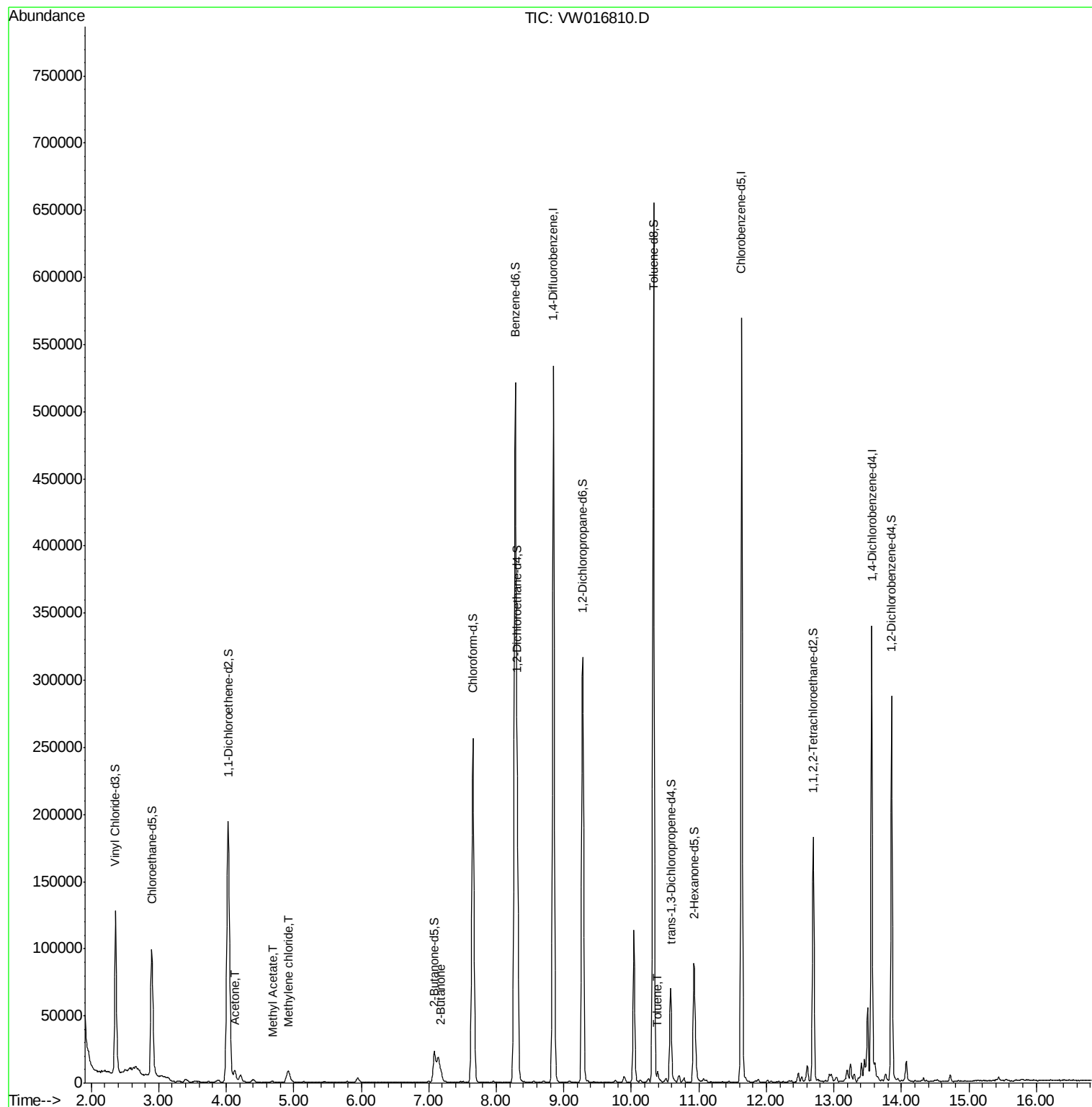
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016810.D
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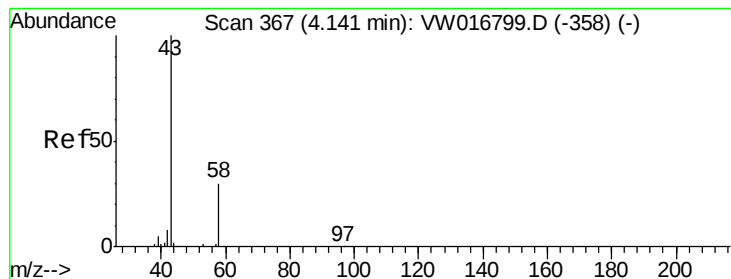
Instrument :
MSVOA_W
ClientSampleId :
C0AQ2

Manual Integrations
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10/8/2020 5:38:32 PM

Quant Time: Oct 07 04:44:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 18.753 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016810.D

Acq: 06 Oct 2020 22:19

Instrument :

MSVOA_W

ClientSampled :

C0AQ2

Tot Ion: 43 Resp: 15161

Ion Ratio Lower Upper

43 100

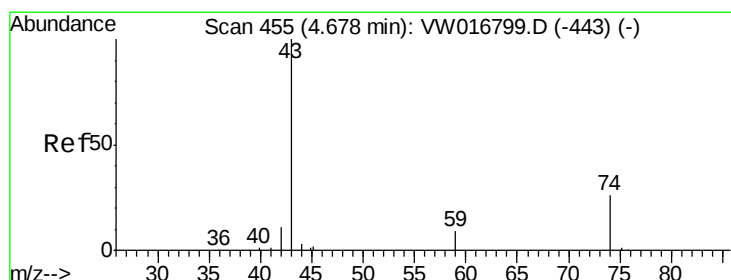
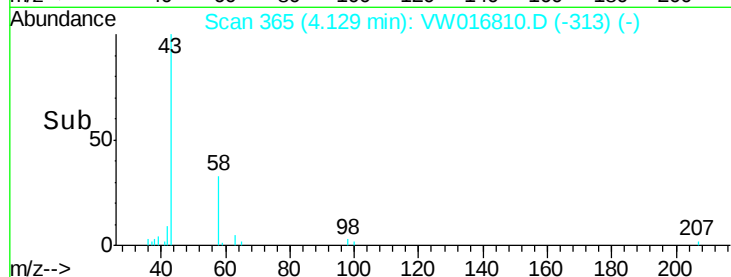
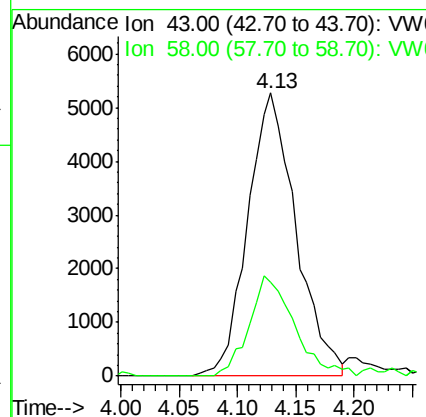
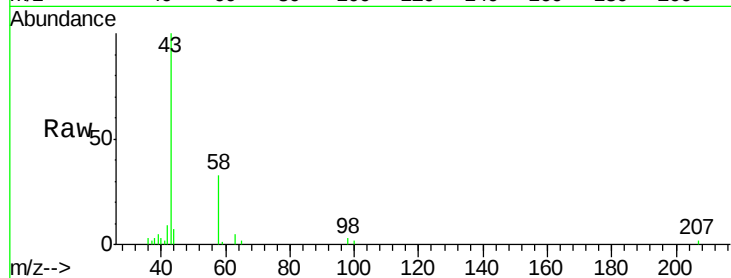
58 31.8 0.0 67.6

Manual Integrations

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#15

Methyl Acetate

Concen: 0.824 ug/L m

RT: 4.70 min Scan# 458

Delta R.T. 0.02 min

Lab File: VW016810.D

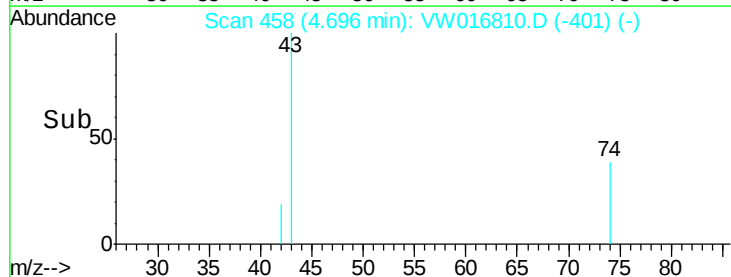
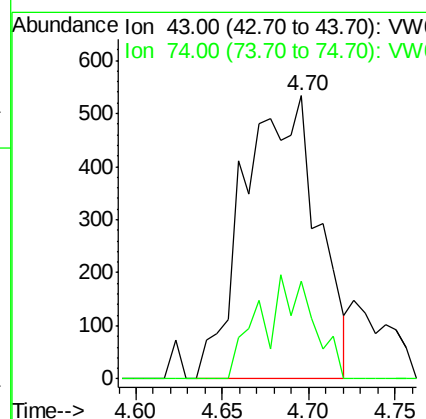
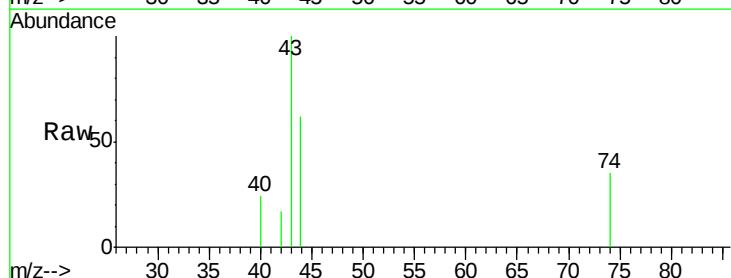
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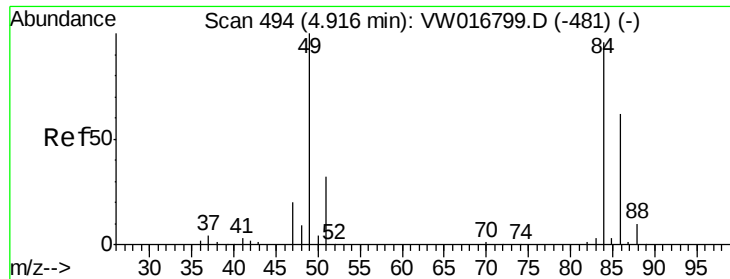
Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

74 4.7 22.7 34.1#





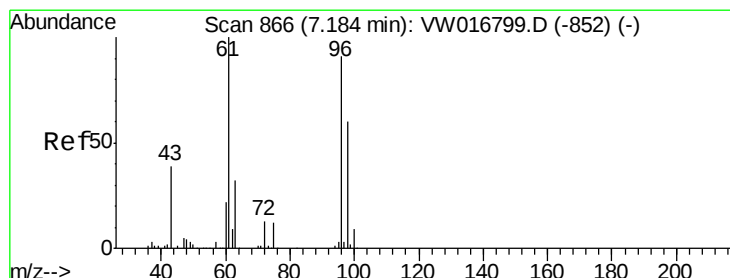
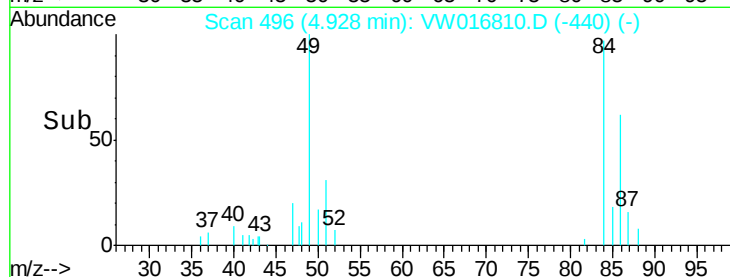
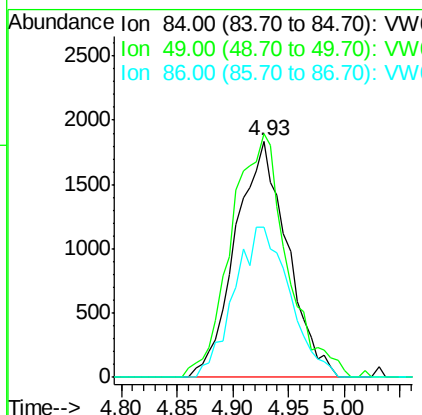
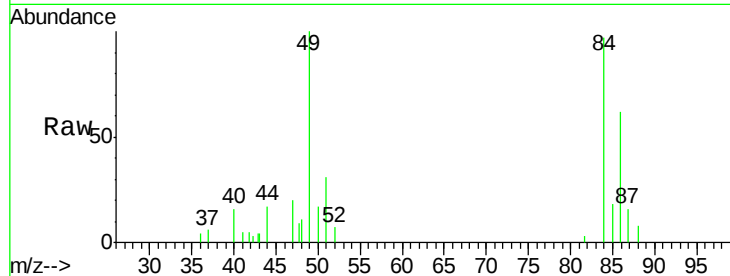
#16
Methvlene chloride
Concen: 0.904 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016810.D
Acq: 06 Oct 2020 22:19

Instrument :
MSVOA_W
ClientSampled :
C0AQ2

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.1	73.1	135.8
86	63.8	46.0	85.4

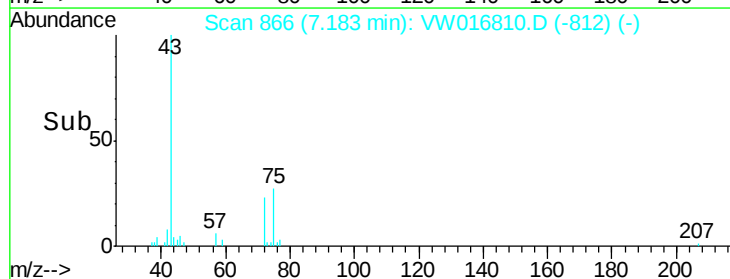
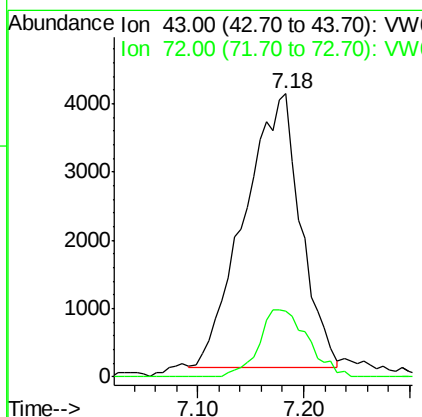
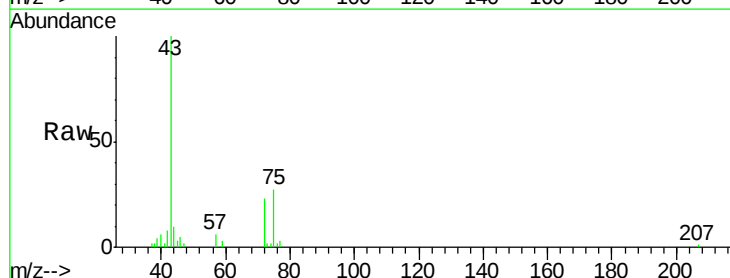
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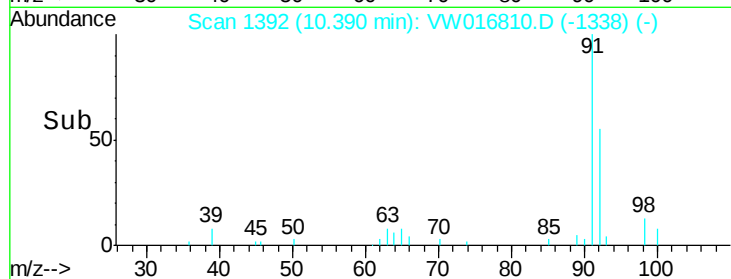
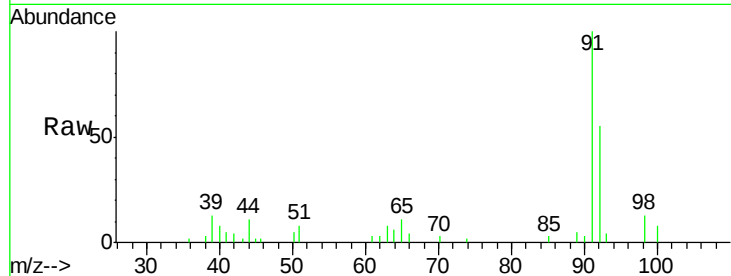
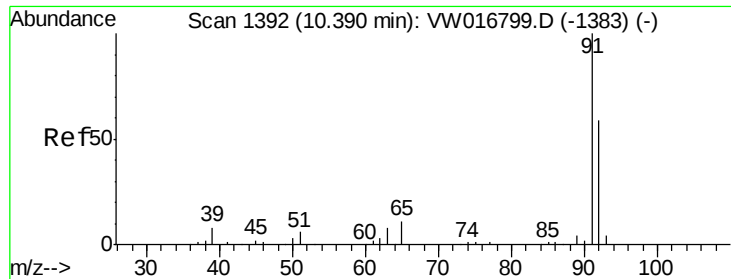
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#21
2-Butanone
Concen: 11.021 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW016810.D
Acq: 06 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.2	48.5





#44

Toluene

Concen: 0.262 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016810.D

Acq: 06 Oct 2020 22:19

Tot Ion: 91 Resp: 5259

Ion Ratio Lower Upper

91 100

92 55.4 39.4 73.2

Instrument :

MSVOA_W

ClientSampleId :

C0AQ2

Manual Integrations

APPROVED

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10/8/2020 5:38:32 PM

