

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\
 Data File : VW016135.D
 Acq On : 11 Aug 2020 14:48
 Operator : SY/VA
 Sample : L3599-04RE
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY88RE

Manual Integrations
 APPROVED

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 8/21/2020 5:22:15 PM

Quant Time: Aug 11 18:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	370057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109156	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
7) Chloroethane-d5	2.89	69	81821	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.01	63	173275	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	79831	66.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.26%
24) Chloroform-d	7.65	84	239758	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	143197	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	8.27	84	457229	28.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.44%
33) 1,2-Dichloropropane-d6	9.27	67	139037	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.33	98	377162	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	61105	28.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.72%
39) 2-Hexanone-d5	10.93	63	62060	75.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120268	30.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	64806	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	44806	49.060	ug/L	98
14) Carbon disulfide	4.37	76	8160m	0.547	ug/L	
21) 2-Butanone	7.19	43	6431	4.443	ug/L	99
34) Benzene	8.32	78	16973	0.985	ug/L	100
36) Methylcyclohexane	9.34	83	4372	0.573	ug/L #	83
44) Toluene	10.39	91	18299	1.006	ug/L	97

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

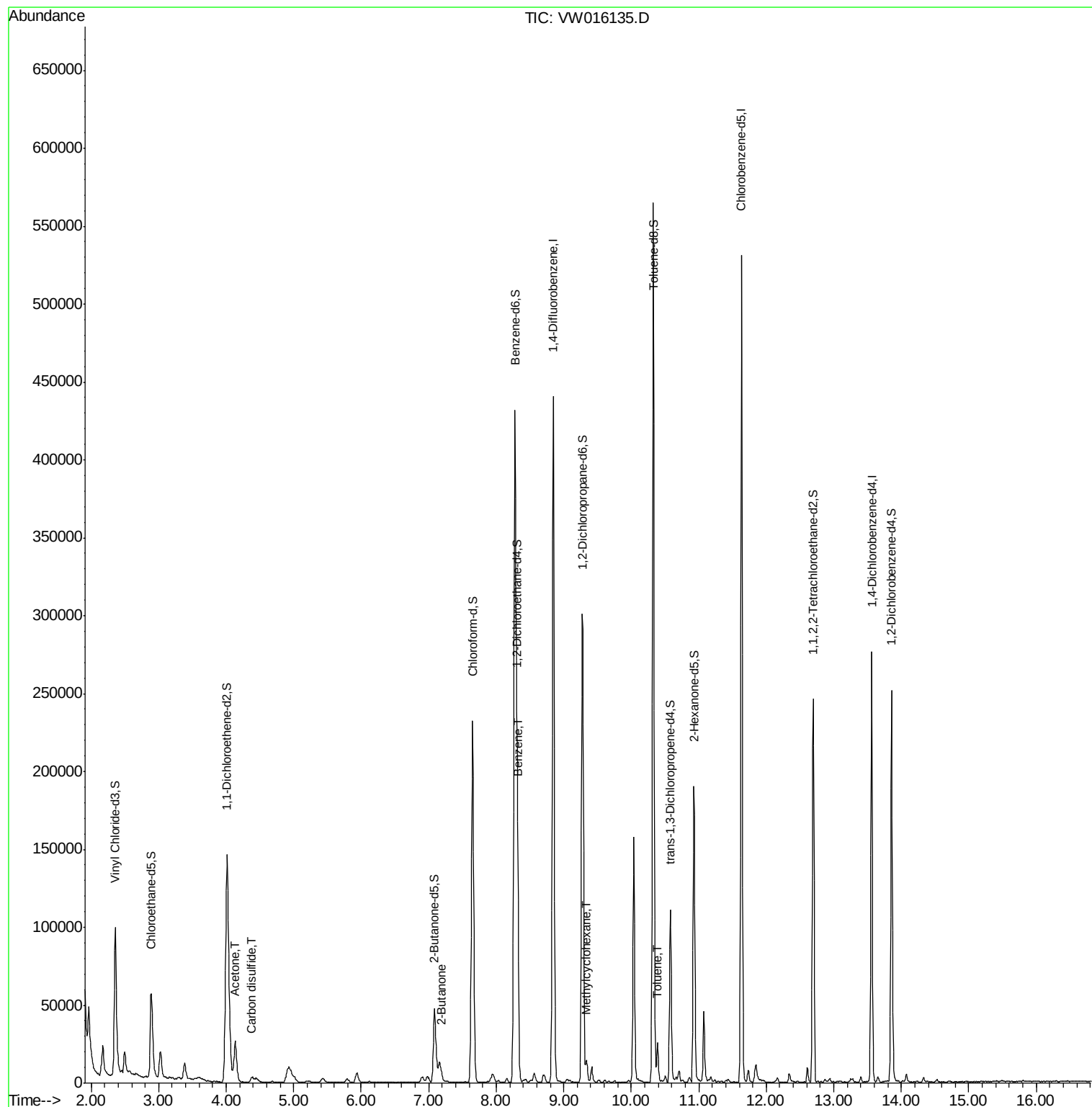
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081120\
Data File : VW016135.D
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ALS Vial : 1 Sample Multiplier: 1

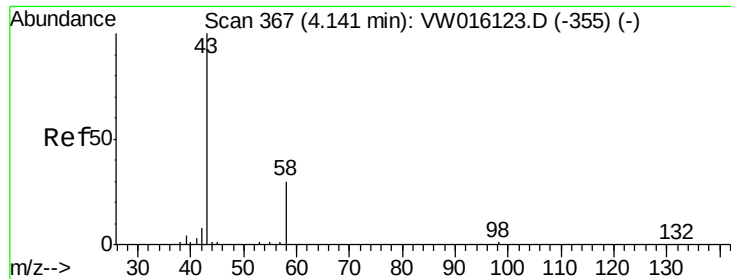
Instrument :
MSVOA_W
ClientSampleId :
GAY88RE

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QLast Update : Tue Aug 11 16:06:11 2020
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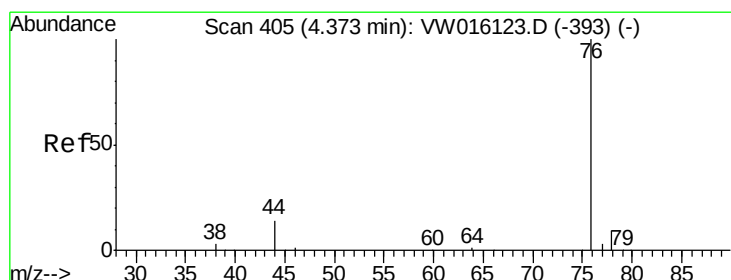
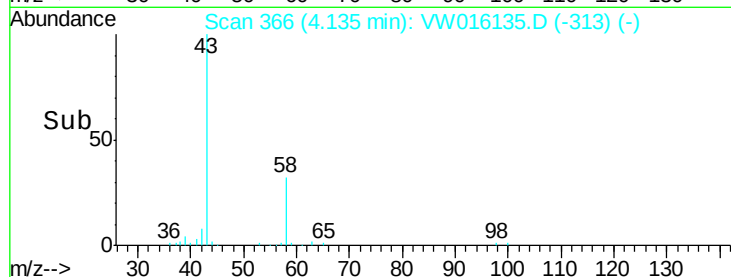
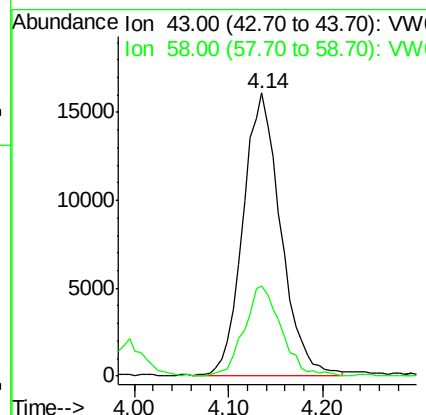
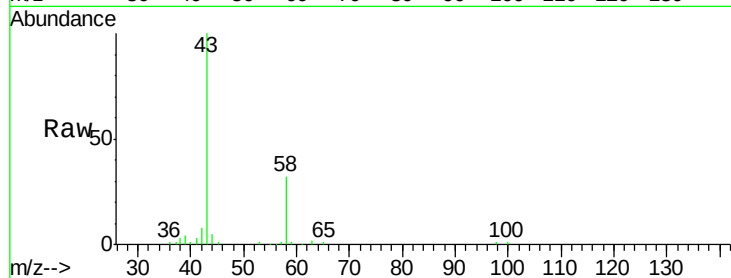
#13
Acetone
Concen: 49.060 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
GAY88RE

Tot Ion	43	Resp	44806
Ion Ratio	100	Lower	Upper
58	30.9	0.0	59.4

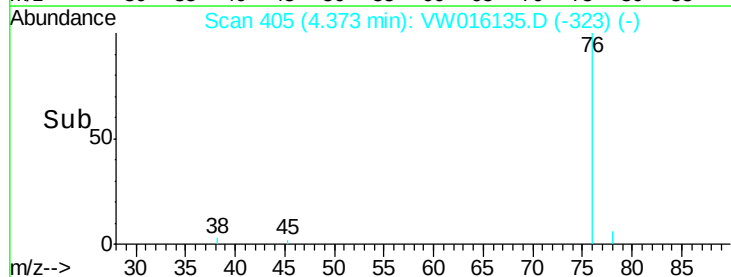
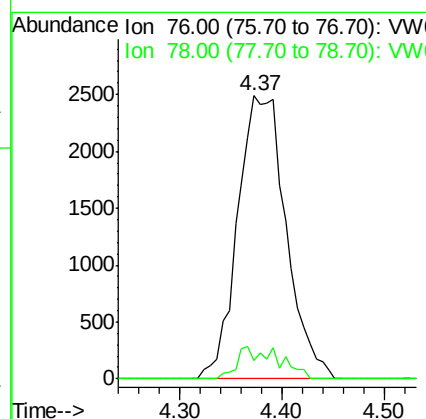
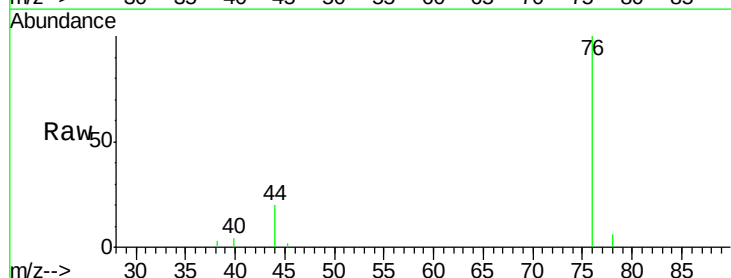
Manual Integrations
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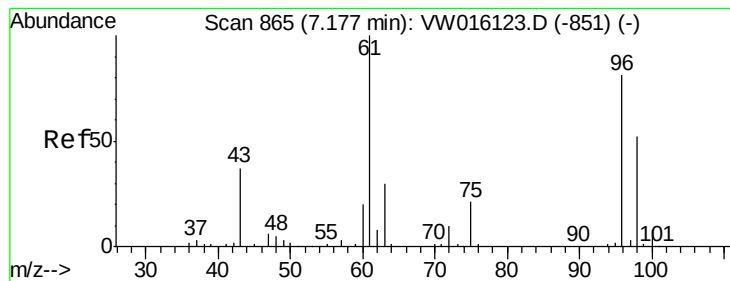
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#14
Carbon disulfide
Concen: 0.547 ug/L m
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

Tgt Ion	76	Resp	8160
Ion Ratio	100	Lower	Upper
78	6.4	7.0	10.4#





#21

2-Butanone

Concen: 4.443 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016135.D

Acq: 11 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

GAY88RE

Tot Ion: 43 Resp: 6431

Ion Ratio Lower Upper

43 100

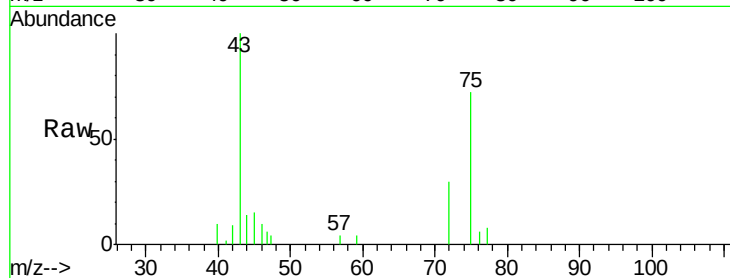
72 28.3 13.9 41.7

Manual Integrations

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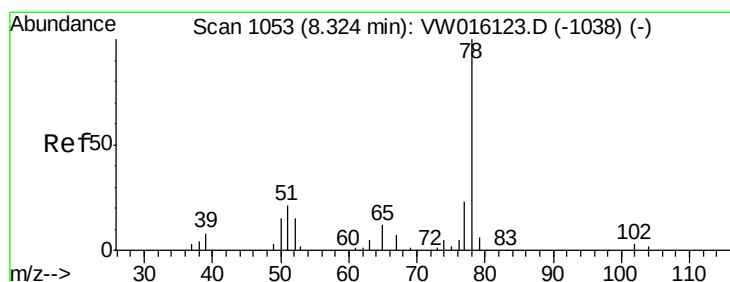
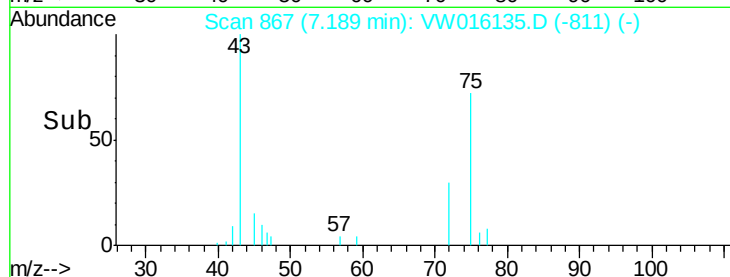
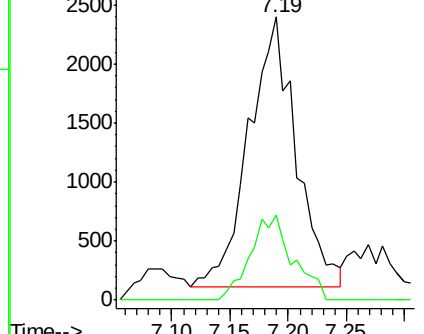
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 0.985 ug/L

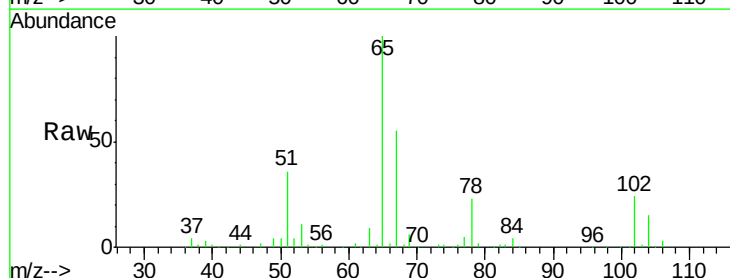
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

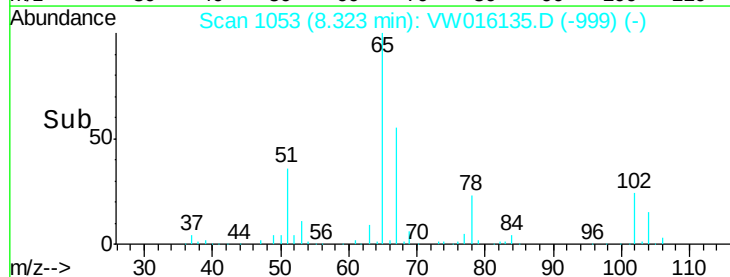
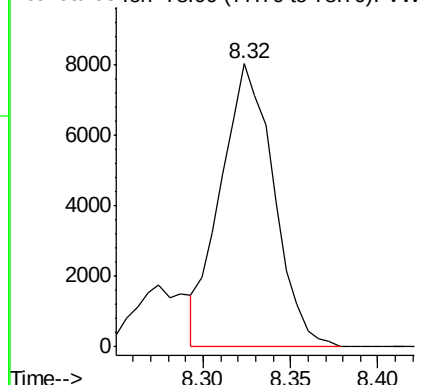
Lab File: VW016135.D

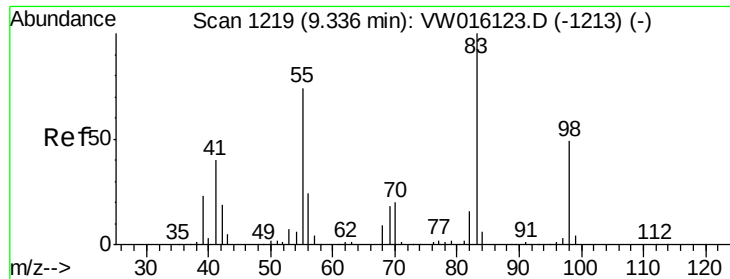
Acq: 11 Aug 2020 14:48

Tgt Ion: 78 Resp: 16973



Abundance Ion 78.00 (77.70 to 78.70): VW





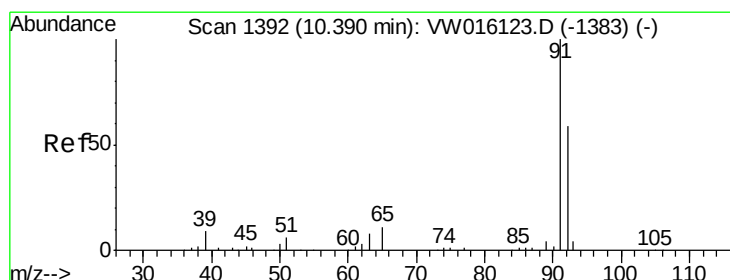
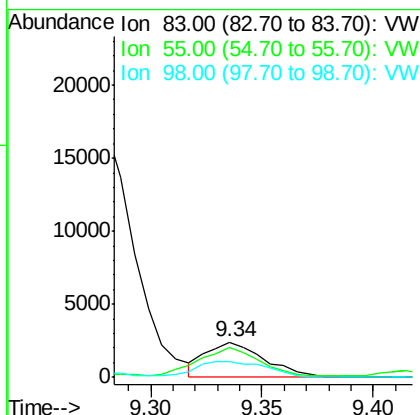
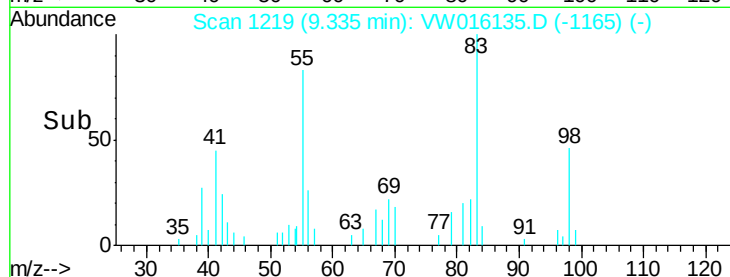
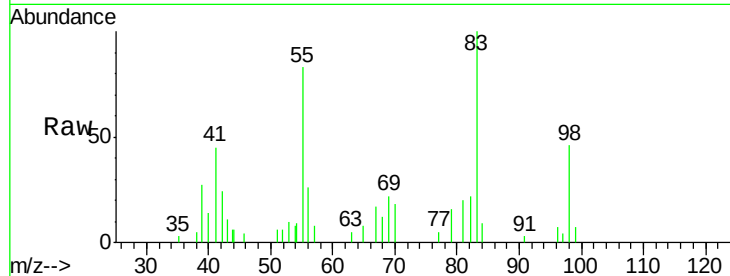
#36
Methylvlcyclohexane
Concen: 0.573 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
GAY88RE

Tot Ion	83	Resp	4372
Ion Ratio	Lower	Upper	
83	100		
55	92.4	60.7	91.1#
98	58.1	39.4	59.0

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#44
Toluene
Concen: 1.006 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

Tgt Ion	91	Resp	18299
Ion Ratio	Lower	Upper	
91	100		
92	57.8	41.8	77.6

