

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040833.D
 Acq On : 20 Oct 2020 02:56
 Operator : SY/MD
 Sample : L4428-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ29

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:25:38 PM

Quant Time: Oct 20 06:37:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26211	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.92	69	28138	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	42920	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.66	46	171102	59.36	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.72%
24) Chloroform-d	5.08	84	78448	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	47738	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	124420	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.70	67	47317	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	92357	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	8.19	79	17644	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	113107	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46819	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	41445	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds				Ovalue
13) Acetone	2.66	43	4841m	2.167 ug/L
14) Carbon disulfide	2.81	76	37911	1.746 ug/L 98
33) Benzene	5.79	78	3191	0.090 ug/L 100
42) Toluene	7.97	91	5051	0.140 ug/L 82

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

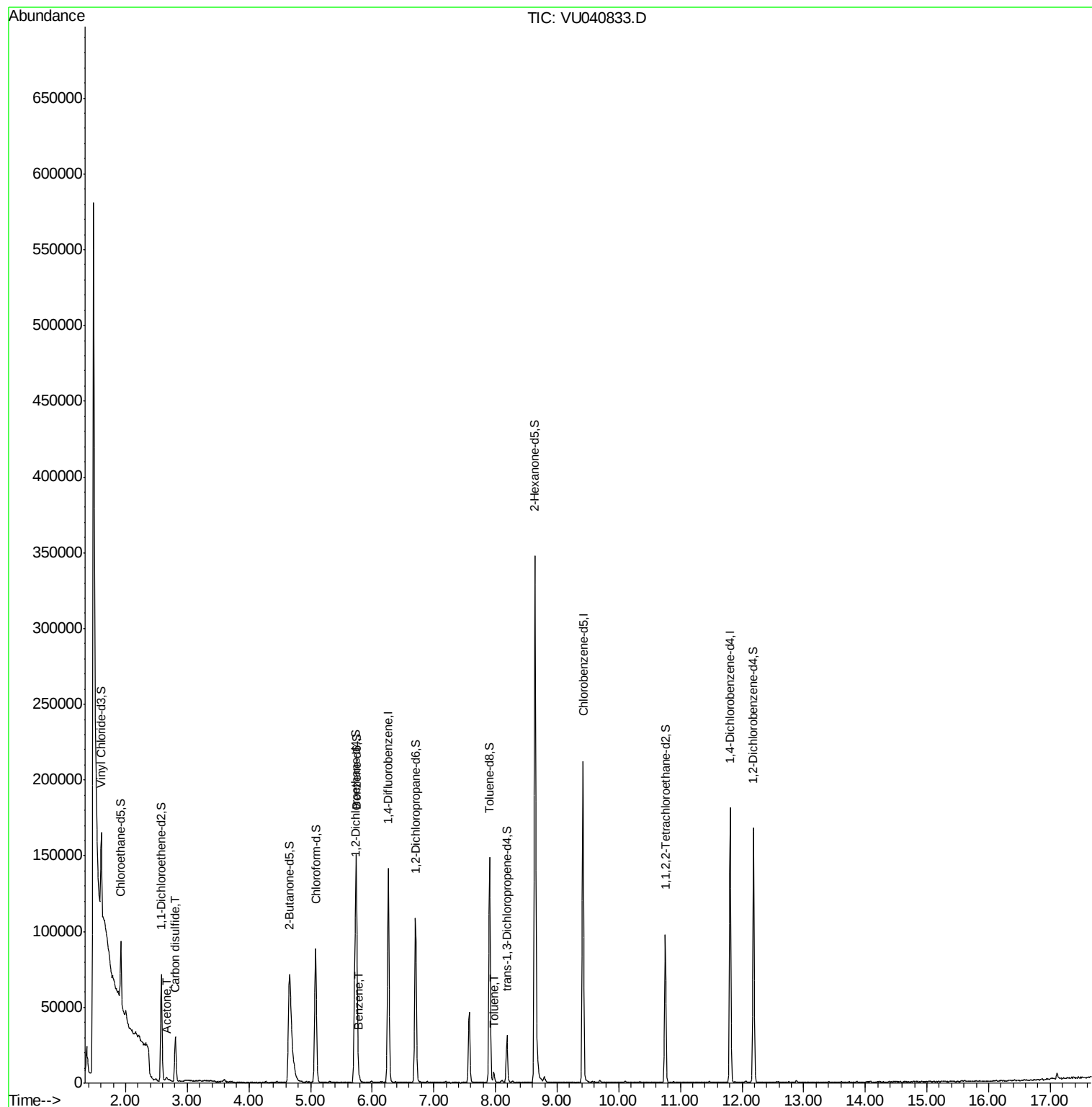
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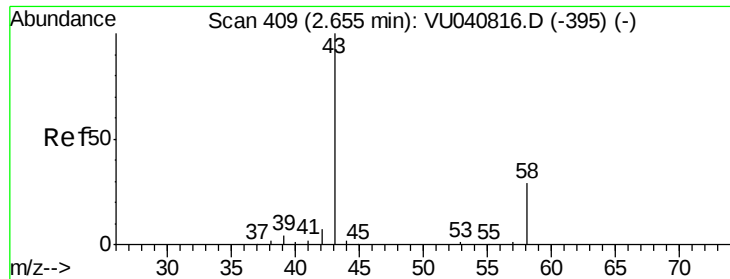
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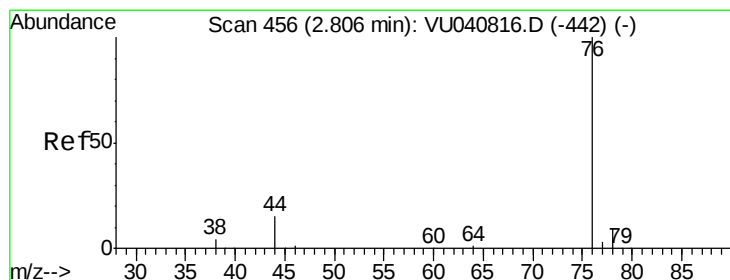
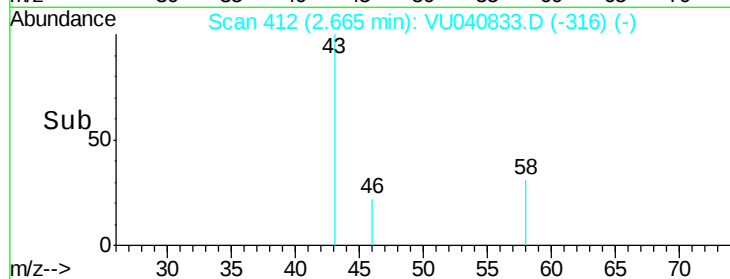
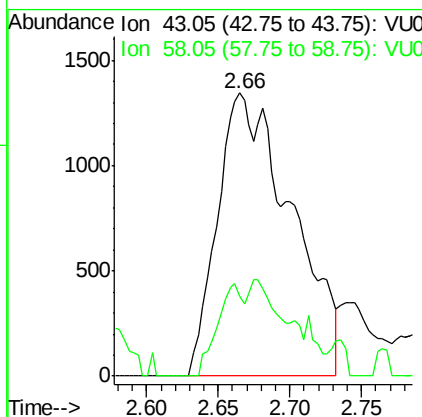
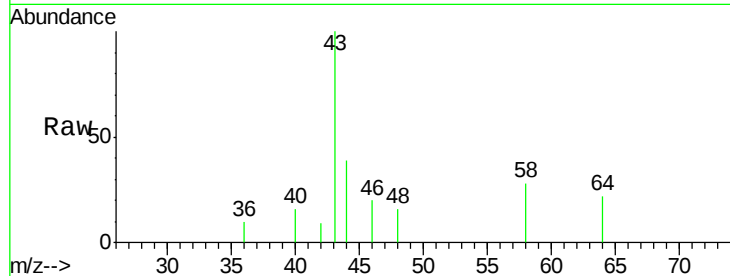
#13
Acetone
Concen: 2.167 ug/L m
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU040833.D
Acq: 20 Oct 2020 02:56

Instrument :
MSVOA_U
ClientSampled :
ETZ29

Tot Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
58 11.4 0.0 60.6

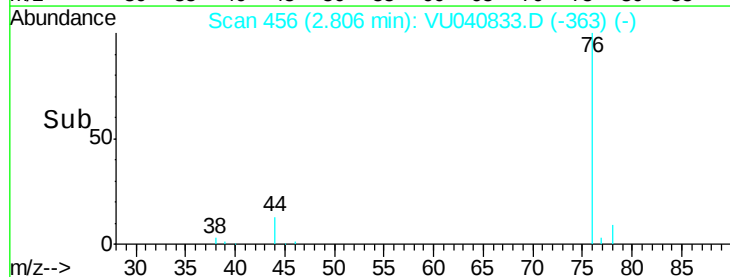
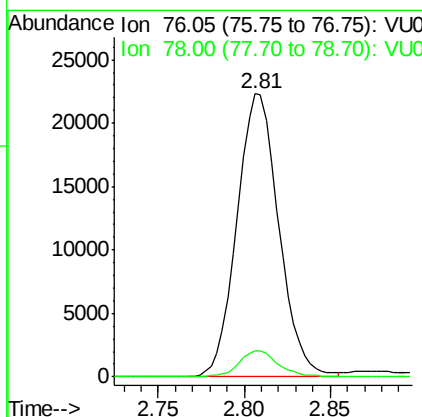
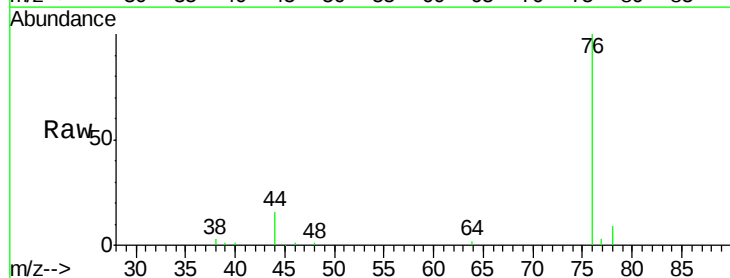
Manual Integrations
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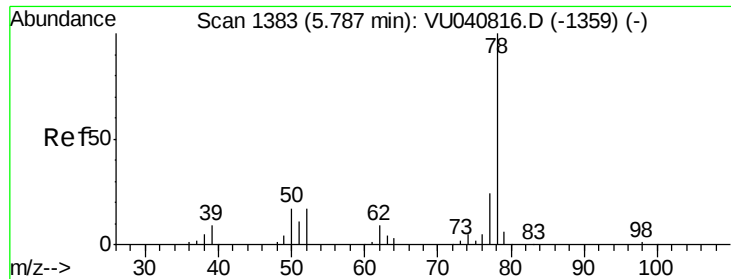
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#14
Carbon disulfide
Concen: 1.746 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040833.D
Acq: 20 Oct 2020 02:56

Tgt Ion: 76 Resp: 37911
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2





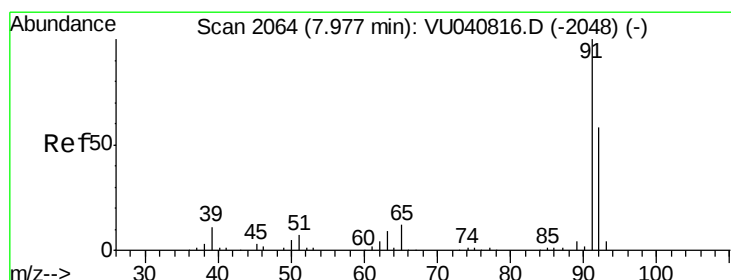
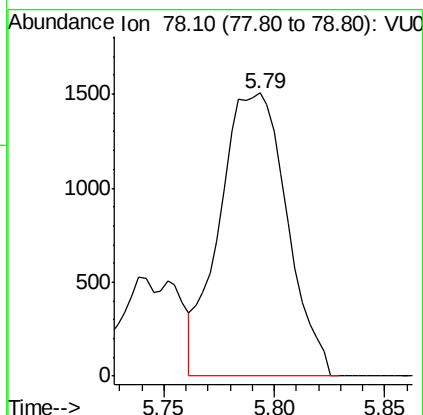
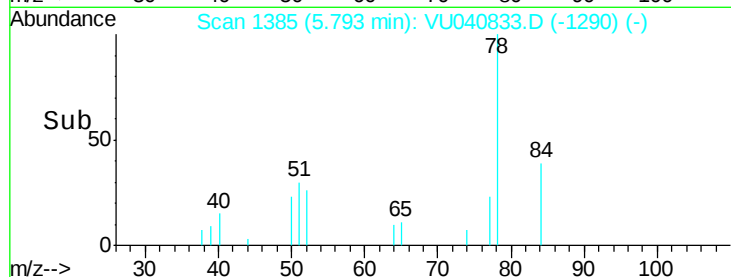
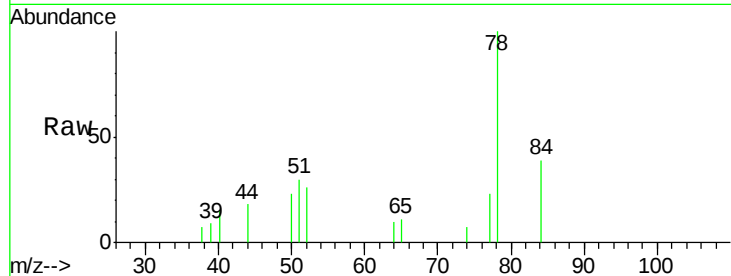
#33
Benzene
Concen: 0.090 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU040833.D
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Tgt Ion: 78 Resp: 3191

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#42
Toluene
Concen: 0.140 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040833.D
Acq: 20 Oct 2020 02:56

Tgt Ion: 91 Resp: 5051
Ion Ratio Lower Upper
91 100
92 44.2 40.2 74.6

