

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091719\
 Data File : VU034607.D
 Acq On : 17 Sep 2019 11:54
 Operator : JC/SP
 Sample : K4894-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ7

Manual Integrations
 APPROVED

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 9/18/2019 3:15:54 PM

Quant Time: Sep 18 05:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 18 04:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	244144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	225027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	87346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52618	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.34%
7) Chloroethane-d5	1.67	69	47399	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.64%
11) 1,1-Dichloroethene-d2	2.26	63	90280	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
21) 2-Butanone-d5	4.15	46	150655	113.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.43%
24) Chloroform-d	4.62	84	139036	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
26) 1,2-Dichloroethane-d4	5.29	65	90033	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.36%
32) Benzene-d6	5.32	84	263845	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
36) 1,2-Dichloropropane-d6	6.31	67	100388	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.00%
41) Toluene-d8	7.54	98	247295	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	7.83	79	46357	52.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.52%
47) 2-Hexanone-d5	8.29	63	106806	106.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	151975	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	85771	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.27	96	4804	4.140 ug/L #	1
13) Acetone	2.31	43	3208	2.688 ug/L	80
20) cis-1,2-Dichloroethene	4.20	96	4822m	2.998 ug/L	
34) Trichloroethene	6.16	95	59807	42.062 ug/L	94

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

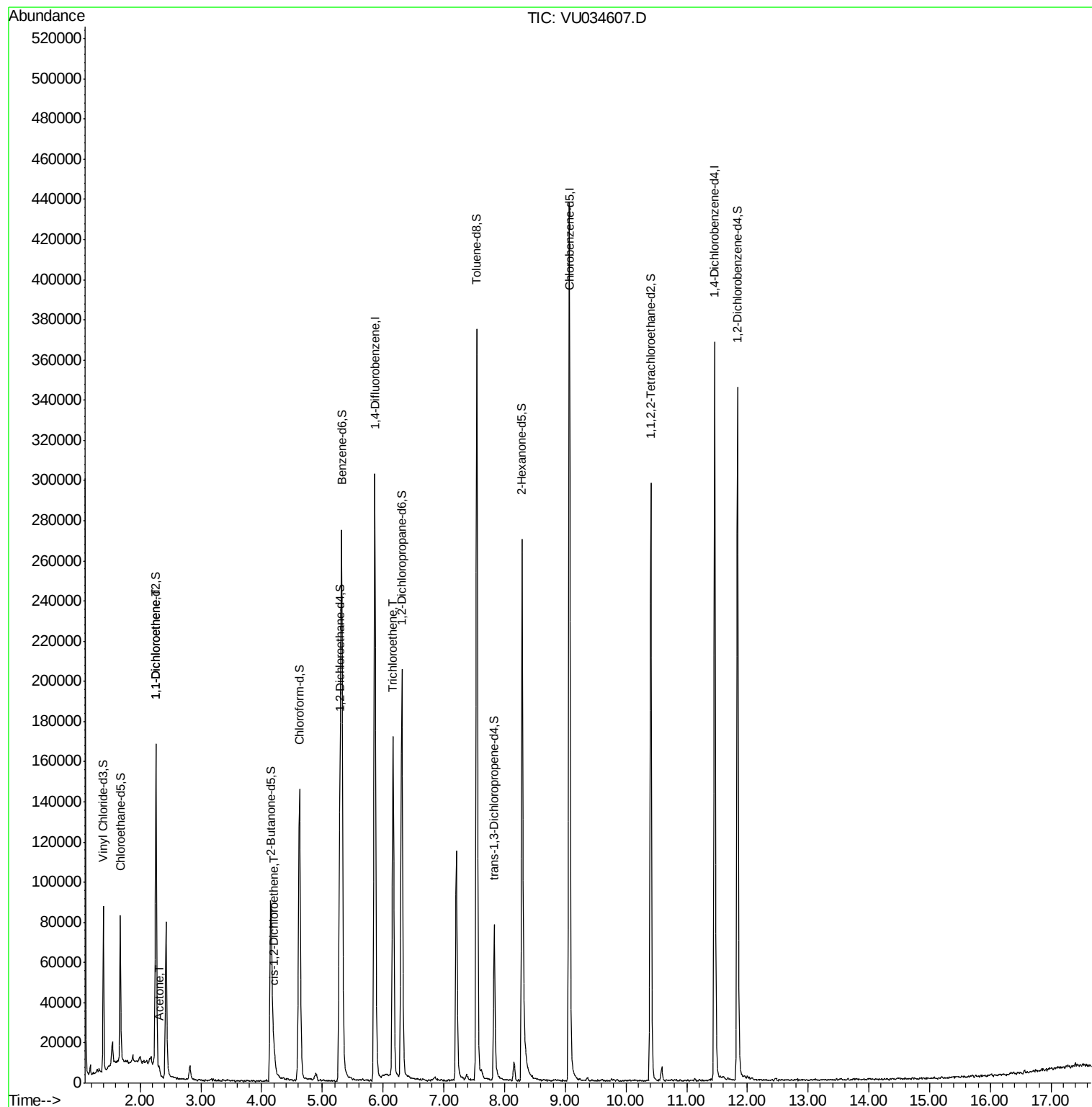
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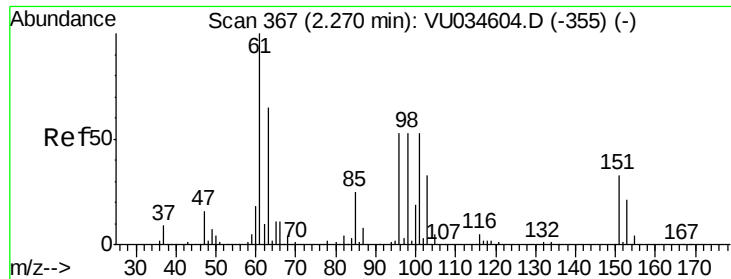
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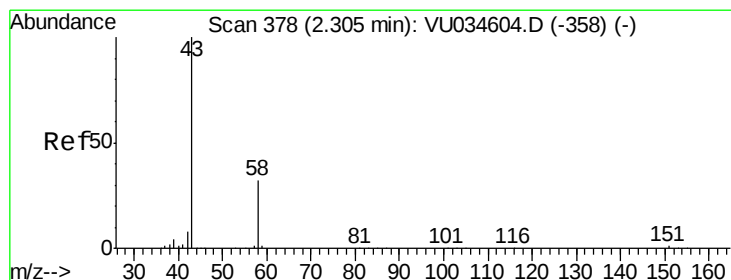
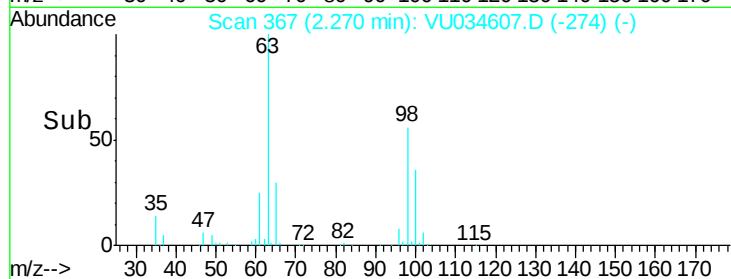
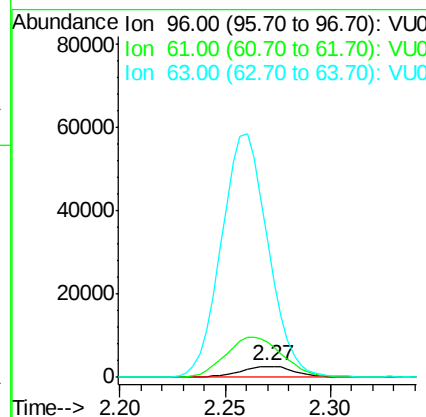
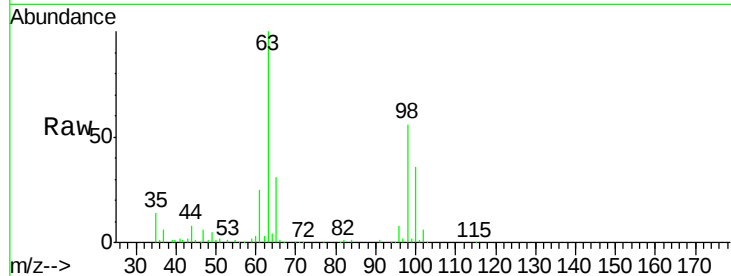
#12
 1,1-Dichloroethene
 Concen: 4.140 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034607.D
 Acq: 17 Sep 2019 11:54

Instrument :
 MSVOA_U
 ClientSampled :
 COMQ7

Tot Ion: 96 Resp: 4804
 Ion Ratio Lower Upper
 96 100
 61 309.7 117.8 218.8#
 63 1214.5 83.8 155.6

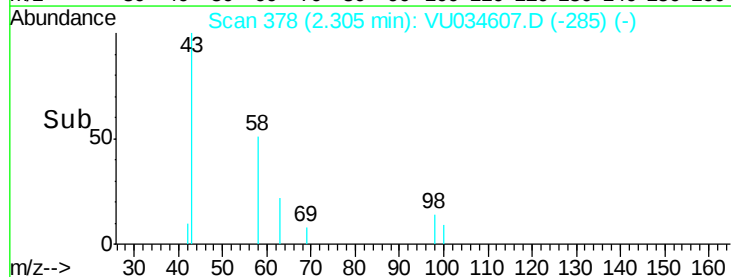
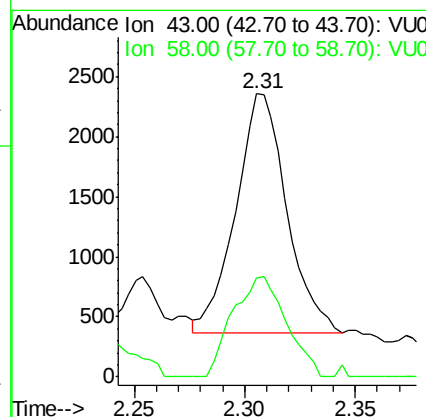
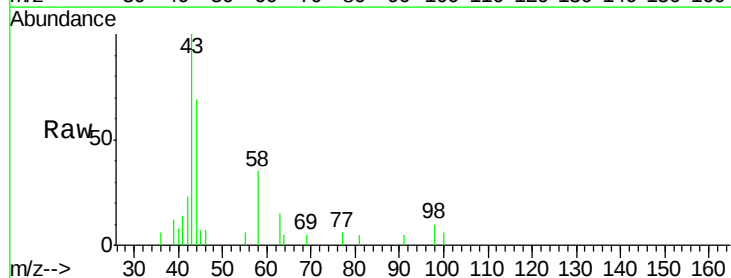
Manual Integrations
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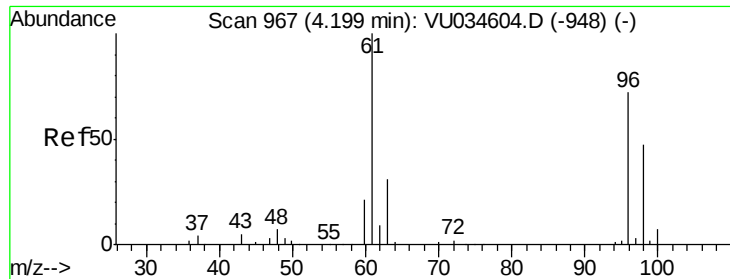
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#13
 Acetone
 Concen: 2.688 ug/L
 RT: 2.31 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: VU034607.D
 Acq: 17 Sep 2019 11:54

Tgt Ion: 43 Resp: 3208
 Ion Ratio Lower Upper
 43 100
 58 43.8 0.0 65.0





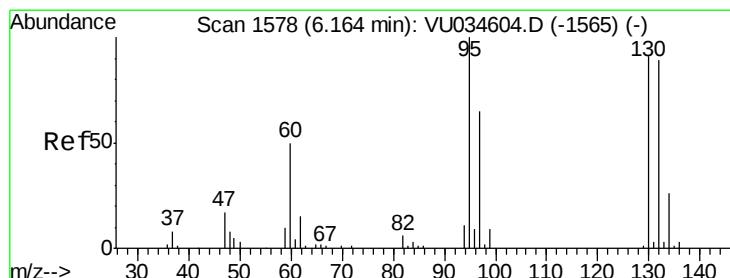
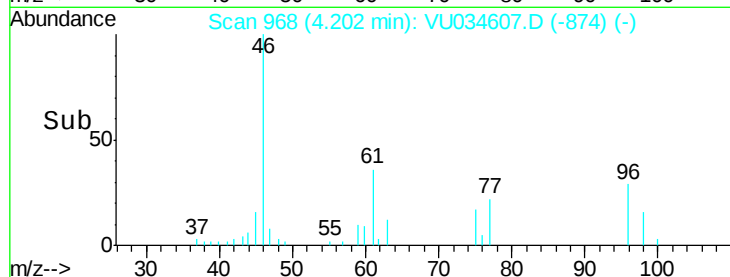
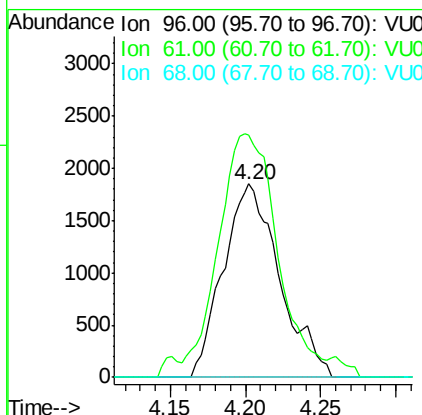
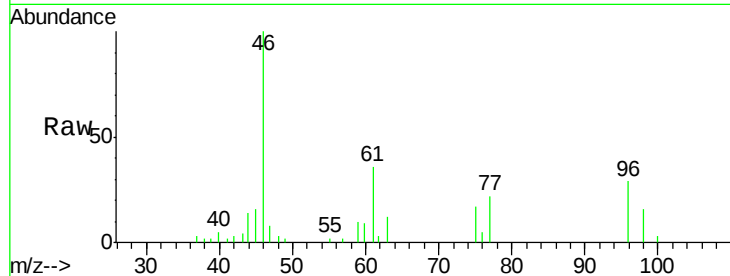
#20
cis-1,2-Dichloroethene
Concen: 2.998 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034607.D
Acq: 17 Sep 2019 11:54

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Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	94.7	175.9
68	0.0	0.0	0.0

Manual Integrations
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#34
Trichloroethene
Concen: 42.062 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034607.D
Acq: 17 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.4	84.4
132	85.2	65.2	121.0
130	91.7	68.5	127.3

