

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034722.D
 Acq On : 21 Sep 2019 04:37
 Operator : JC/SP
 Sample : K5001-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFCZ3

Manual Integrations
 APPROVED

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 9/23/2019 9:33:37 AM

Quant Time: Sep 21 06:58:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	435998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	413995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	179715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162943	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.02%
7) Chloroethane-d5	1.67	69	144434	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.26	63	233524m	30.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	4.15	46	339166	99.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.15%
24) Chloroform-d	4.62	84	304222	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.29	65	224059	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.32	84	610086	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.31	67	217191	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.54	98	553354	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.83	79	91636	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
47) 2-Hexanone-d5	8.29	63	206753	91.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	289791	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	184685	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

					Ovalue
13) Acetone	2.31	43	13655	3.431 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	35061	9.615 ug/L	90
34) Trichloroethene	6.18	95	6383	1.800 ug/L	91

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

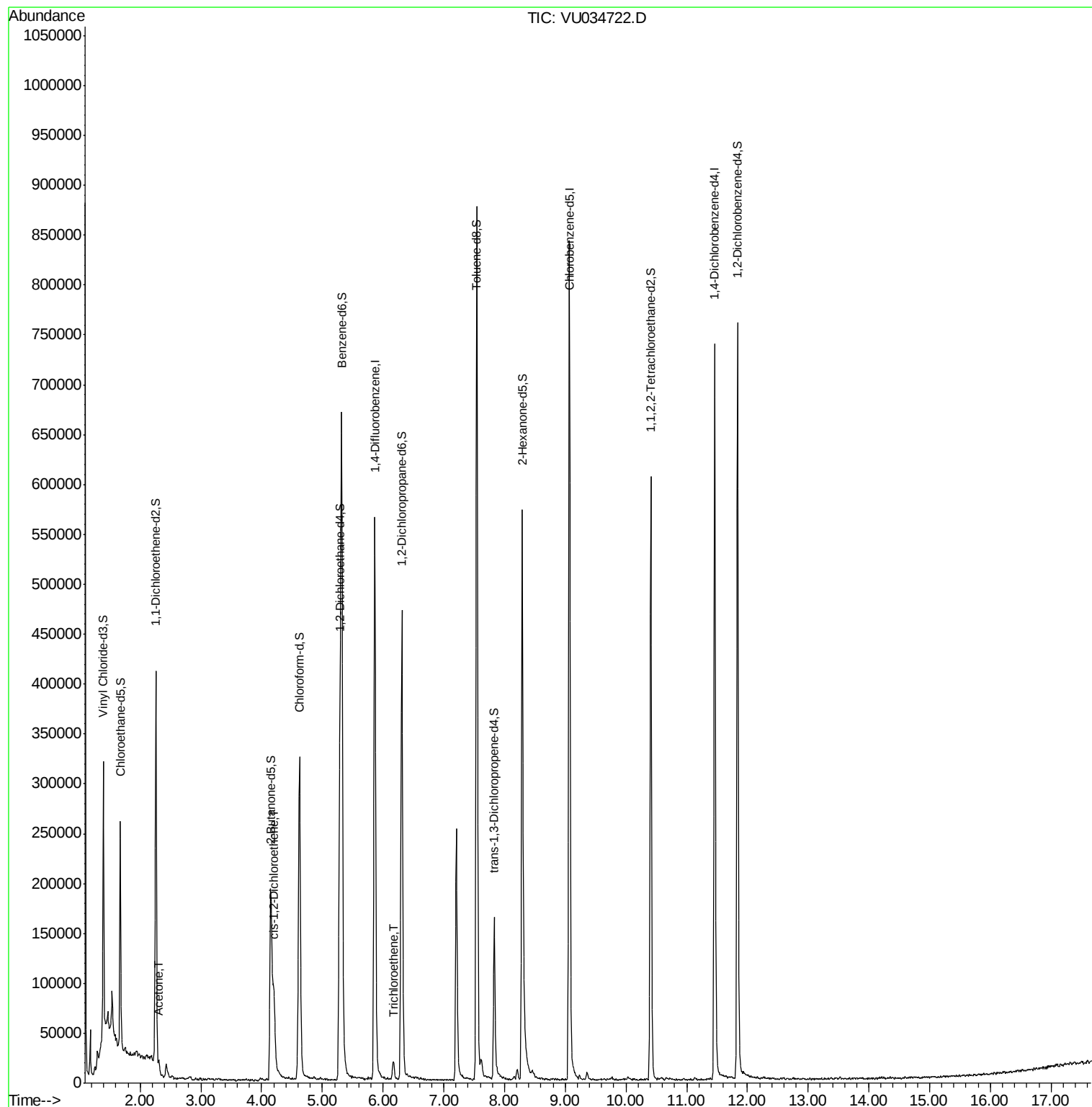
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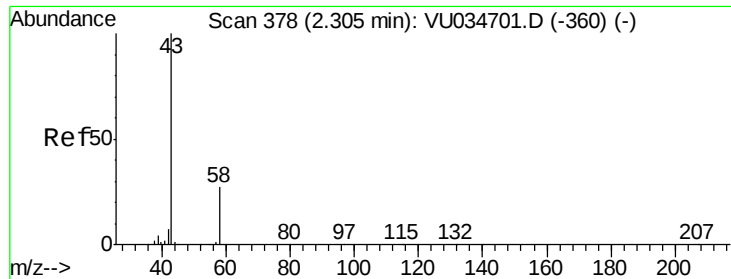
Instrument :
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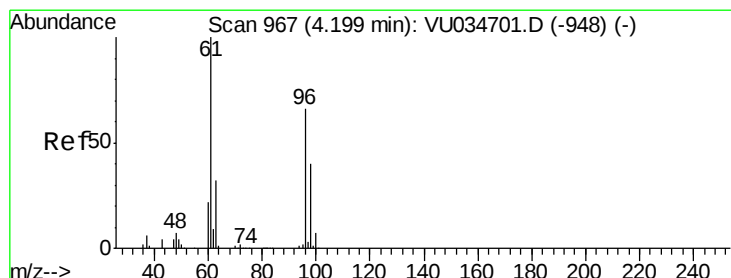
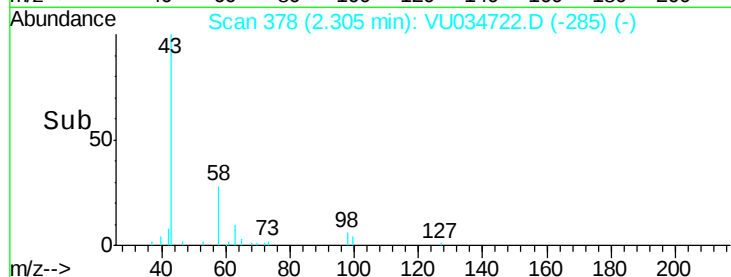
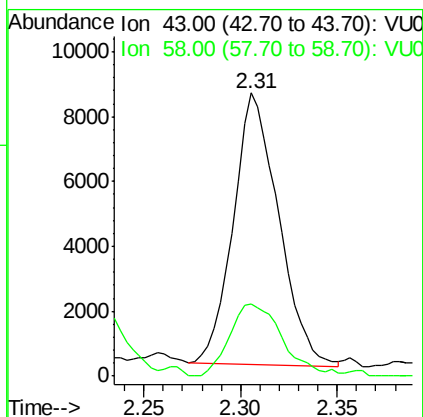
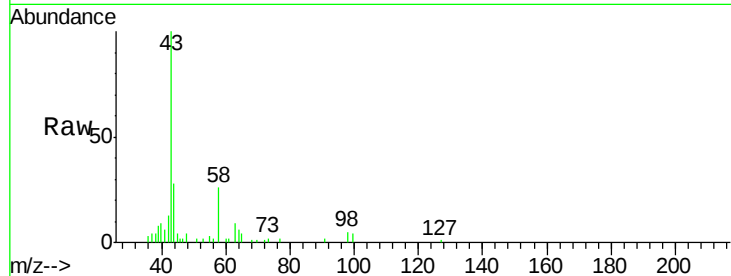
#13
Acetone
Concen: 3.431 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU034722.D
Acq: 21 Sep 2019 04:37

Instrument :
MSVOA_U
ClientSampleId :
BFCZ3

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	53.4

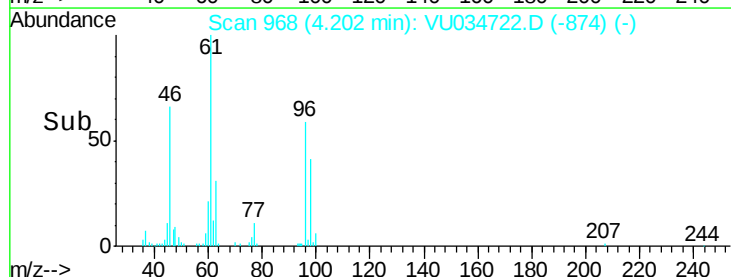
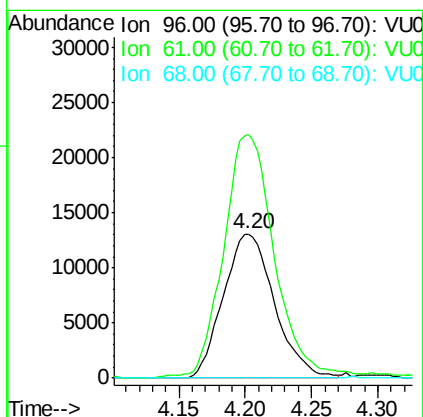
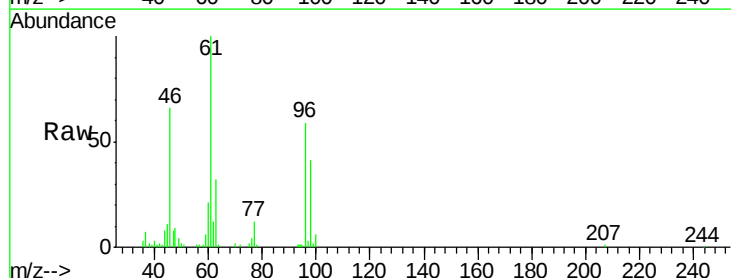
Manual Integrations
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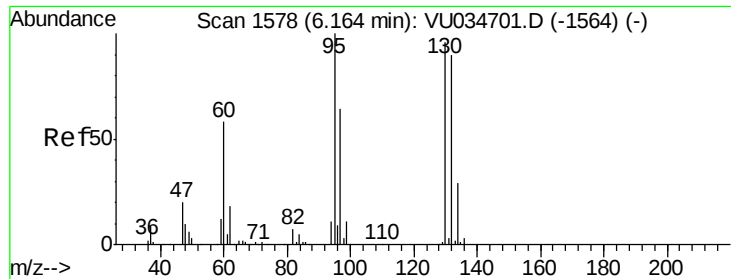
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#20
cis-1,2-Dichloroethene
Concen: 9.615 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034722.D
Acq: 21 Sep 2019 04:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.7	108.8	202.2
68	0.0	0.0	0.0





#34
 Trichloroethene
 Concen: 1.800 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VU034722.D
 Acq: 21 Sep 2019 04:37

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Tot Ion:	95	Resp:	6383
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.7	81.1
132	67.5	61.0	113.2
130	91.0	65.7	121.9

Manual Integrations
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