

Data File : VU033768.D
Acq On : 12 Aug 2019 13:52
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Manual Integrations
APPROVED

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8/13/2019 8:29:09 AM

Quant Time: Aug 13 01:43:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 01:24:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	383844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	381570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151564	53.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.28%
7) Chloroethane-d5	1.67	69	125116	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.36%
11) 1,1-Dichloroethene-d2	2.26	63	195464	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
21) 2-Butanone-d5	4.15	46	171360	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.62	84	232896	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	5.29	65	151274	57.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.26%
32) Benzene-d6	5.32	84	474431	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.36%
36) 1,2-Dichloropropane-d6	6.31	67	153560	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.14%
41) Toluene-d8	7.55	98	413235	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.83	79	61738	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.30	63	116037	81.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.07%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	209097	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	154547	55.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	2755m	0.998 ug/L	
34) Trichloroethene	6.17	95	2568	0.917 ug/L #	81
46) Tetrachloroethene	8.21	164	3236	1.401 ug/L	91

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

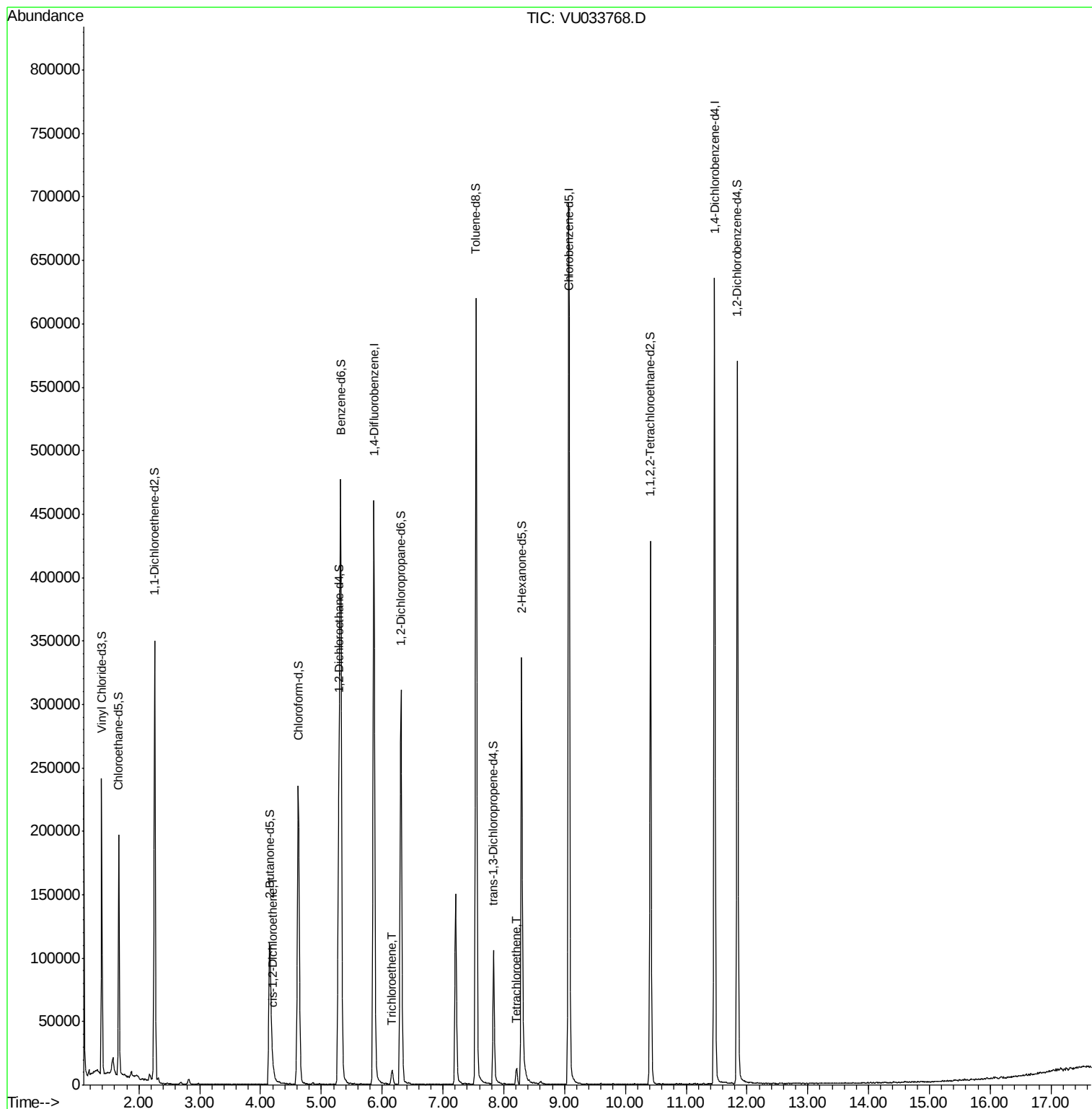
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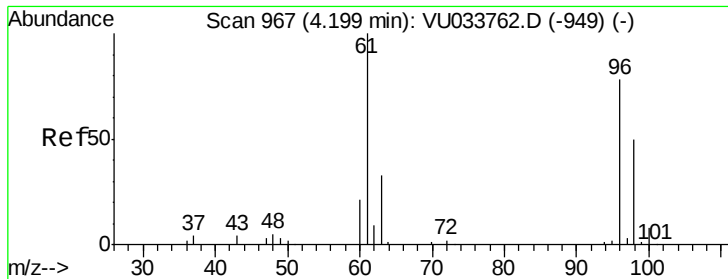
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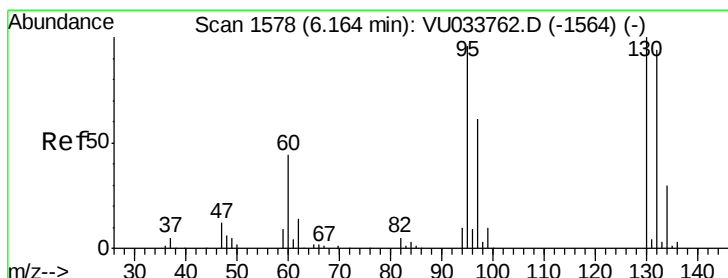
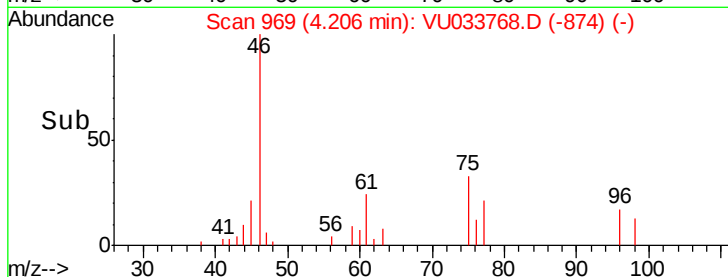
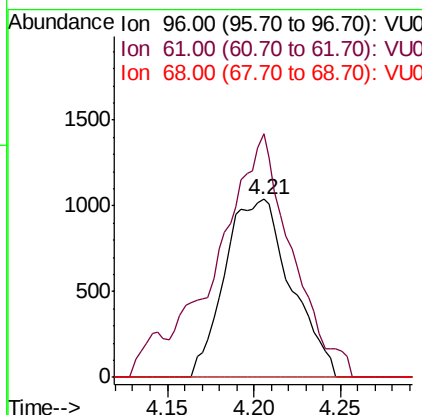
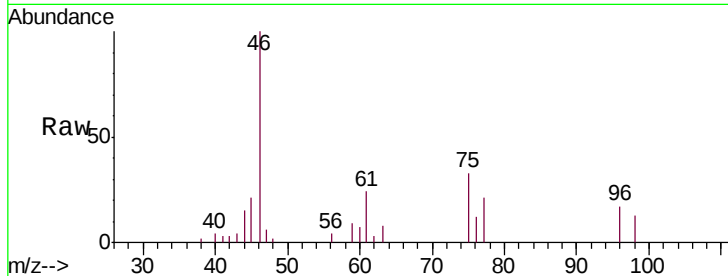
#20
 cis-1,2-Dichloroethene
 Concen: 0.998 ug/L m
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU033768.D
 Acq: 12 Aug 2019 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.8	87.0	161.6
68	0.0	0.0	0.0

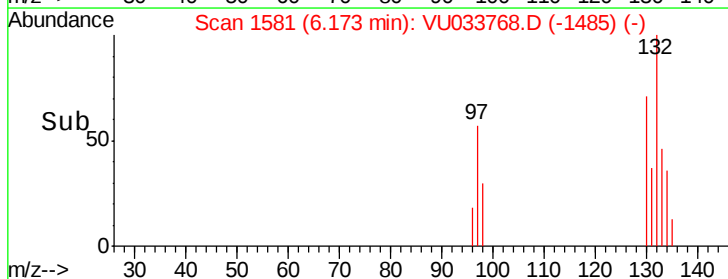
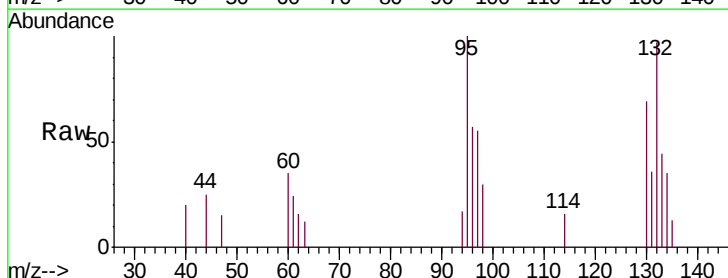
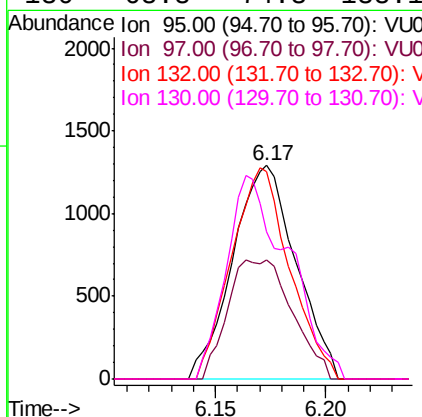
Manual Integrations
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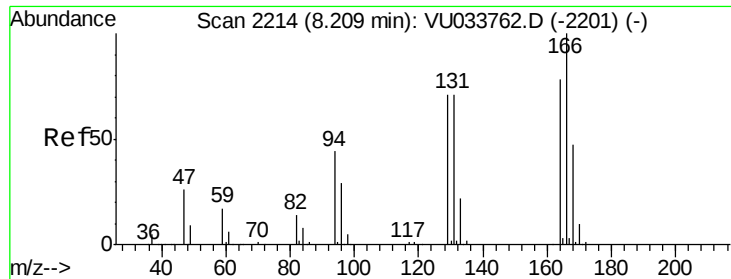
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#34
 Trichloroethene
 Concen: 0.917 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VU033768.D
 Acq: 12 Aug 2019 13:52

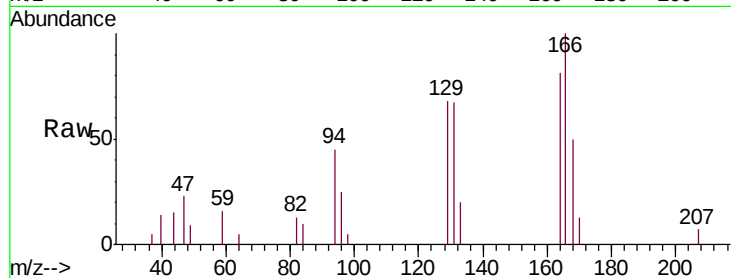
Tgt Ion	Ratio	Lower	Upper
95	100		
97	55.5	45.6	84.8
132	96.9	72.0	133.8
130	68.8	74.3	138.1





#46
Tetrachloroethene
Concen: 1.401 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
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Tgt Ion:	164	Resp:	3236
Ion Ratio	Lower	Upper	
164	100		
129	83.5	65.5	121.7
131	82.1	63.6	118.0
166	123.4	92.7	172.3

Manual Integrations
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