

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034798.D
 Acq On : 25 Sep 2019 13:19
 Operator : JC/SP
 Sample : K4948-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDM9DL

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:56:43 AM

Quant Time: Sep 26 05:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 04:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	468397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	455124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	223254	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.67	69	192384	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.26	63	303937m	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.86%
21) 2-Butanone-d5	4.15	46	408843	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.62	84	357473	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.29	65	255954	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.32	84	782413	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
36) 1,2-Dichloropropane-d6	6.31	67	271939	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.30%
41) Toluene-d8	7.54	98	740620	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%
43) trans-1,3-Dichloropropene-	7.83	79	119257	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.00%
47) 2-Hexanone-d5	8.29	63	275999	111.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.45%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356237	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	243180	61.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.34%#

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	124879	31.876 ug/L	89
34) Trichloroethene	6.17	95	5106	1.310 ug/L	87
46) Tetrachloroethene	8.21	164	37217	13.572 ug/L	95

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

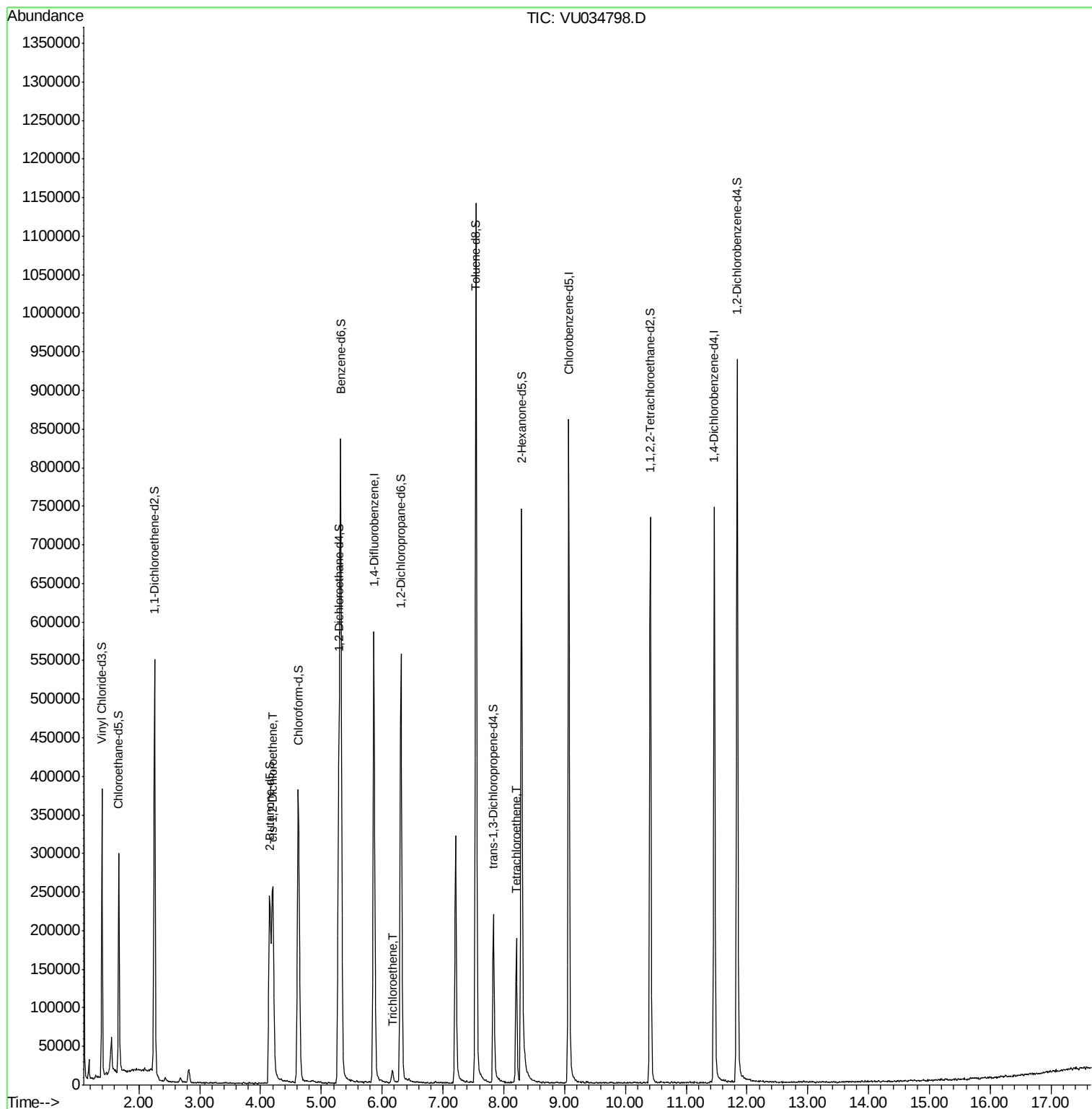
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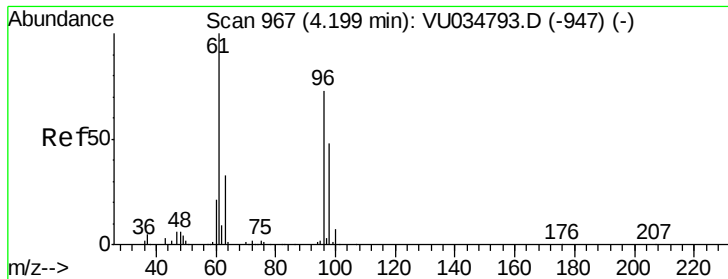
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#20

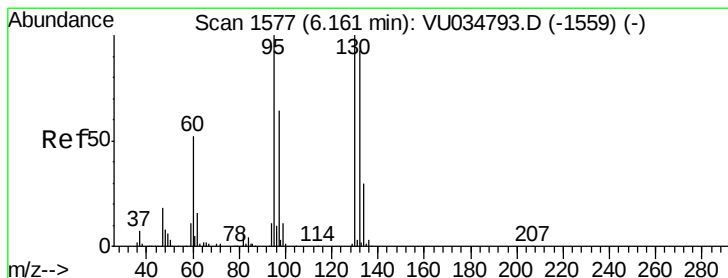
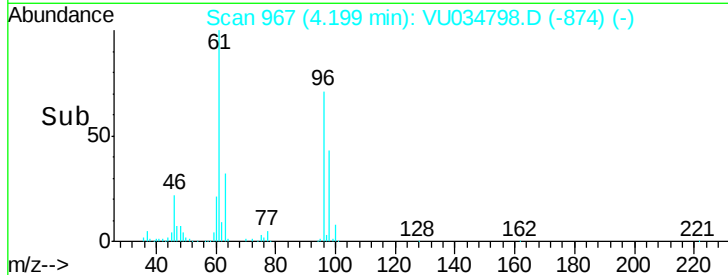
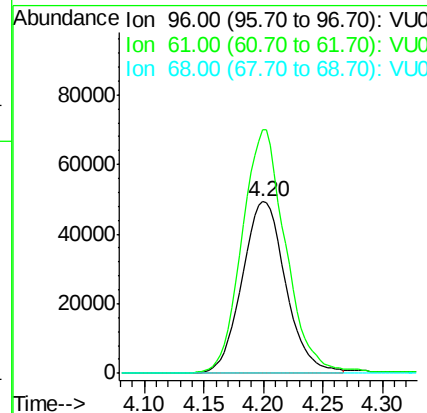
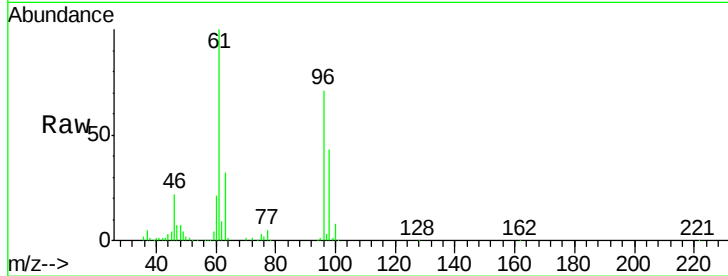
cis-1,2-Dichloroethene
Concen: 31.876 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034798.D
Acq: 25 Sep 2019 13:19

Instrument :
MSVOA_U
ClientSampleId :
BEDM9DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	108.8	202.2
68	0.0	0.0	0.0

Manual Integrations
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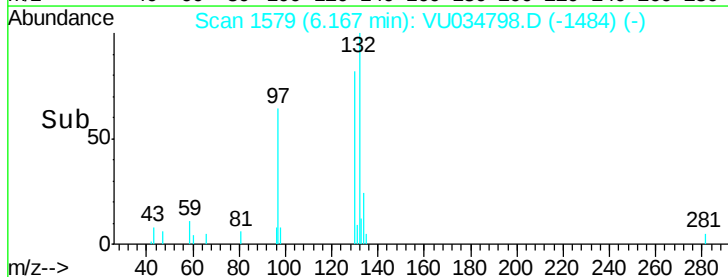
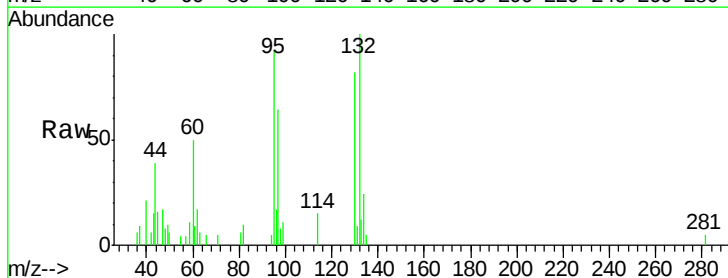
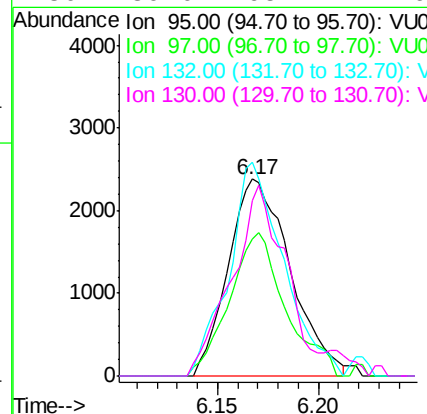
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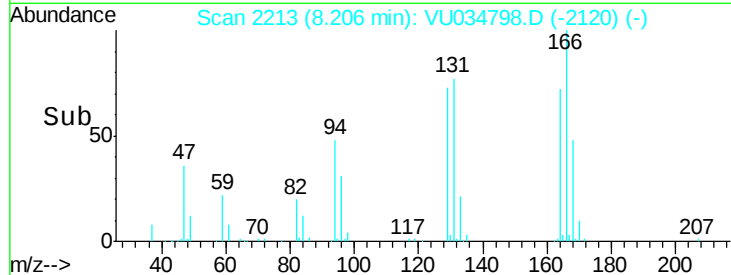
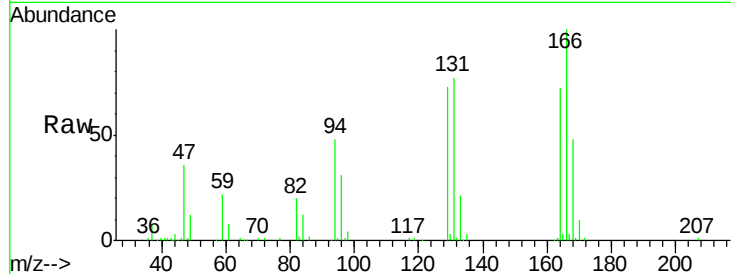
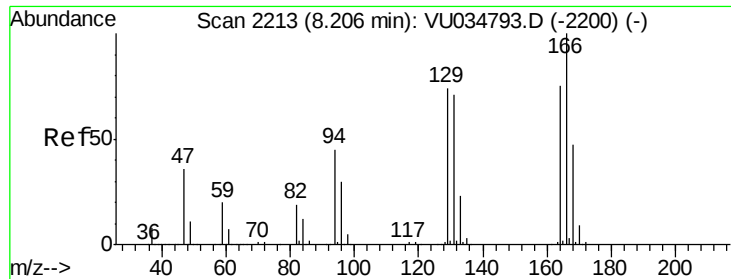


#34

Trichloroethene
Concen: 1.310 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU034798.D
Acq: 25 Sep 2019 13:19

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.8	43.7	81.1
132	108.5	61.0	113.2
130	89.0	65.7	121.9





#46

Tetrachloroethene

Concen: 13.572 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

Tot Ion:	164	Resp:	37217
Ion Ratio	Lower	Upper	
164	100		
129	101.3	71.9	133.5
131	106.1	66.3	123.1
166	138.2	93.4	173.6

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