

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121019\

Data File : VU036079.D

Acq On : 10 Dec 2019 13:00

Operator : JC/MD

Sample : K6132-19DL 2X

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 03:39:41 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Dec 11 06:27:41 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampled :

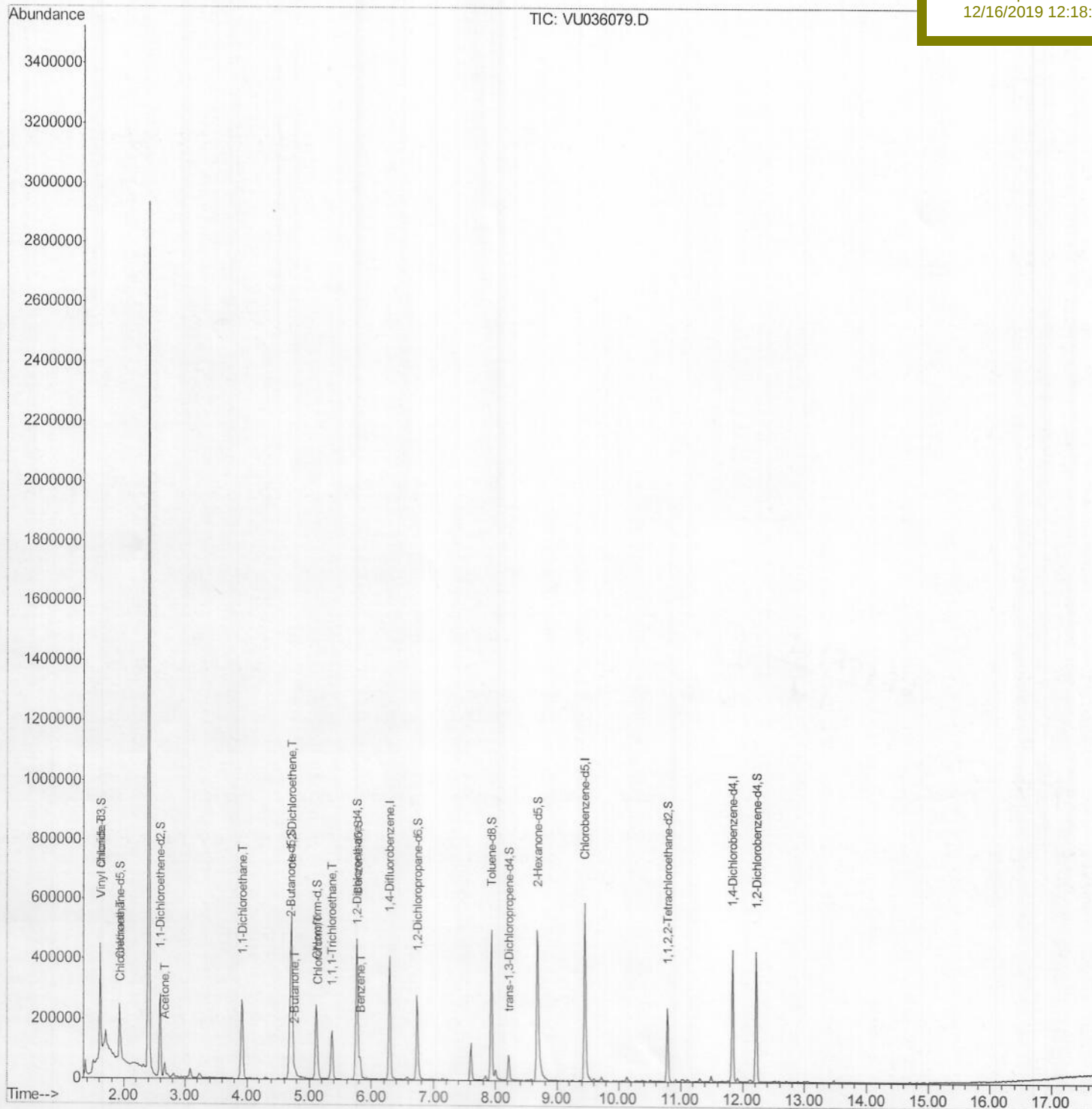
BFQW0DL

Manual Integrations

APPROVED

apatel

12/16/2019 12:18:44 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\

Data File : VU036079.D

Acq On : 10 Dec 2019 13:00

Operator : JC/MD

Sample : K6132-19DL 2X

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 11 07:02:08 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Dec 11 06:27:41 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

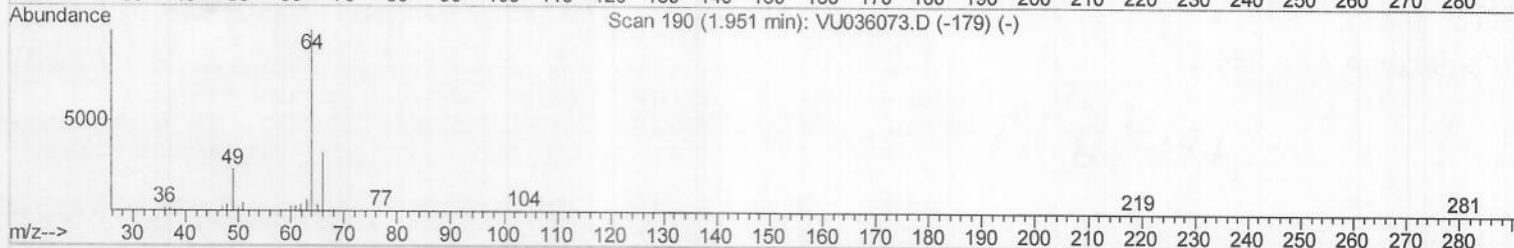
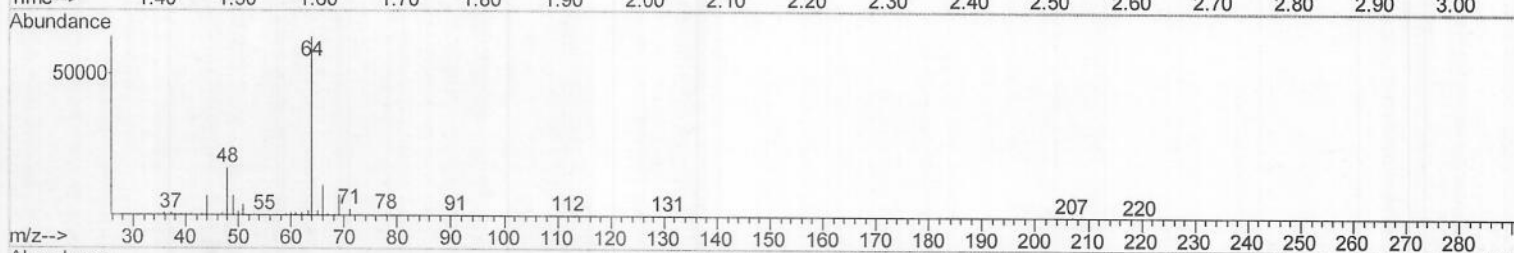
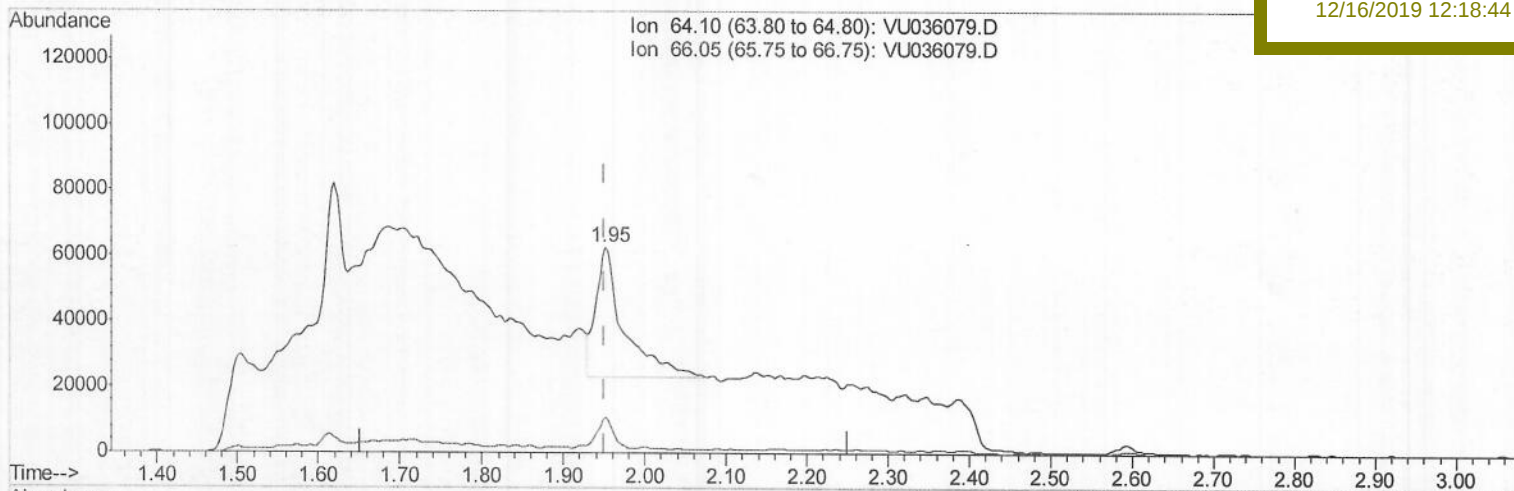
ClientSampleId :

BFQW0DL

Manual Integrations
APPROVED

apatel

12/16/2019 12:18:44 PM



(8) Chloroethane (T)

1.951min (-0.000) 3.60ug/L

response 95177

Ion	Exp%	Act%
64.10	100	100
66.05	30.70	17.09#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\

Data File : VU036079.D

Acq On : 10 Dec 2019 13:00

Operator : JC/MD

Sample : K6132-19DL 2X

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 11 07:02:08 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Dec 11 06:27:41 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampled :

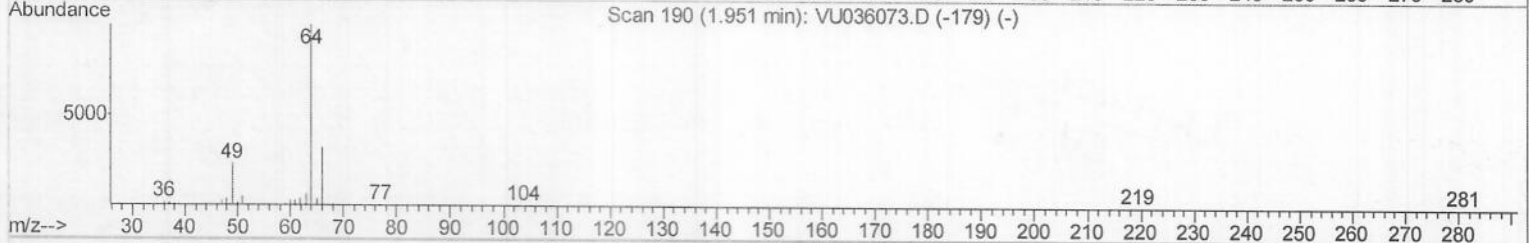
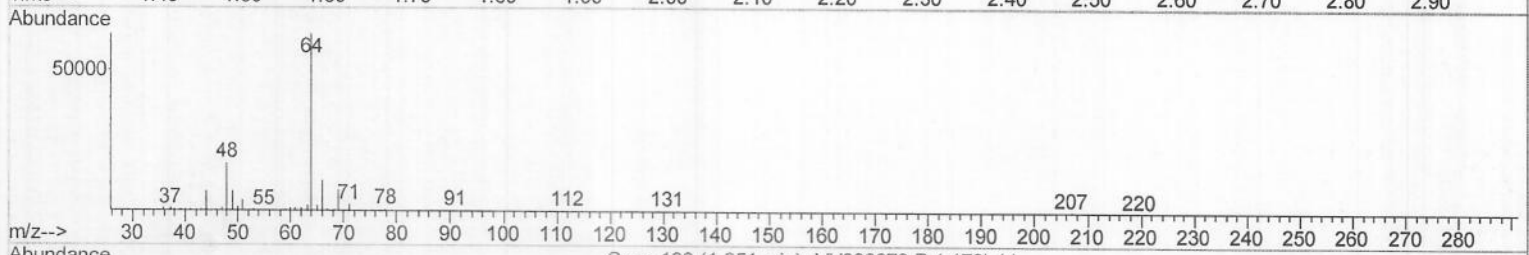
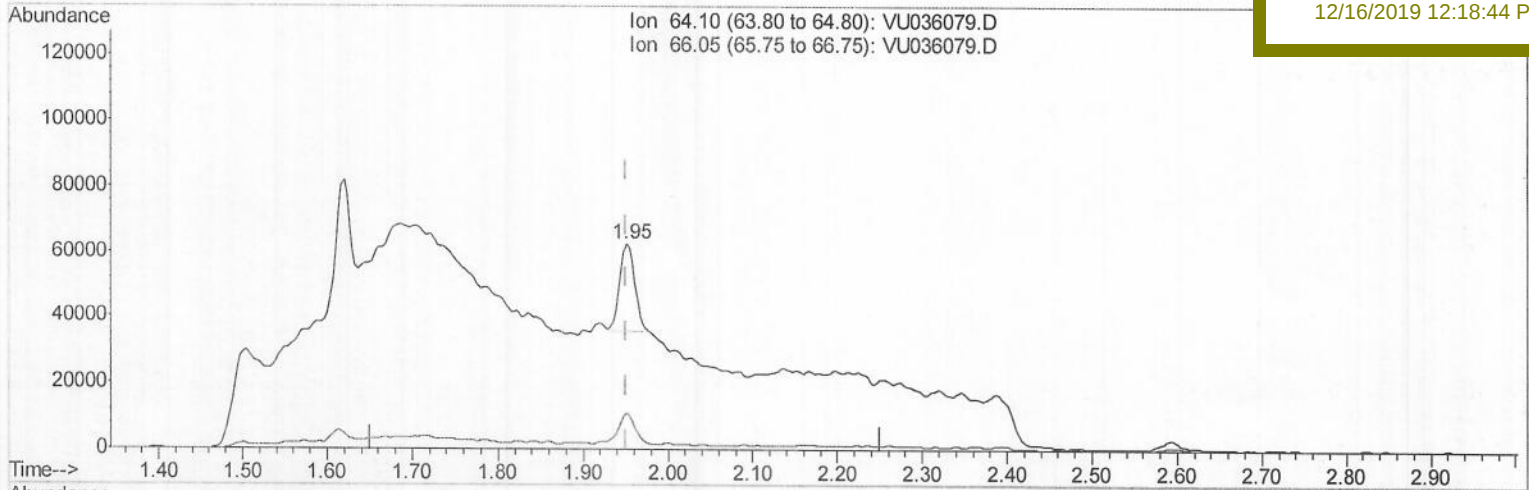
BFQW0DL

Manual Integrations

APPROVED

apatel

12/16/2019 12:18:44 PM



(8) Chloroethane (T)

1.951min (-0.000) 1.26ug/L m

response 33356

Ion	Exp%	Act%
64.10	100	100
66.05	30.70	17.09#
0.00	0.00	0.00
0.00	0.00	0.00

> MD
12/16/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121019\
 Data File : VU036079.D
 Acq On : 10 Dec 2019 13:00
 Operator : JC/MD
 Sample : K6132-19DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 17 03:39:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_U
 Client Sampled :
 BFQW0DL

Manual Integrations
 APPROVED

apatel
 12/16/2019 12:18:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	347460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	373270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146398	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	127992	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	159786	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.69	46	279417	52.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	5.11	84	228876	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.75	65	118815	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.77	84	445458	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.73	67	139737	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	354817	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.21	79	52569	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.68	63	224785	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	122502	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	124257	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Ovalue	
5) Vinyl chloride	1.62	62	116077	3.336	ug/L	# 27
8) Chloroethane	1.95	64	33356m	1.260	ug/L	
13) Acetone	2.67	43	49972	7.460	ug/L	100
19) 1,1-Dichloroethane	3.92	63	306289	6.614	ug/L	99
21) 2-Butanone	4.77	43	20259	3.021	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	271149	10.013	ug/L	98
25) Chloroform	5.14	83	34339	0.665	ug/L	87
29) 1,1,1-Trichloroethane	5.36	97	118417	2.815	ug/L	99
33) Benzene	5.82	78	65680	0.644	ug/L	100

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