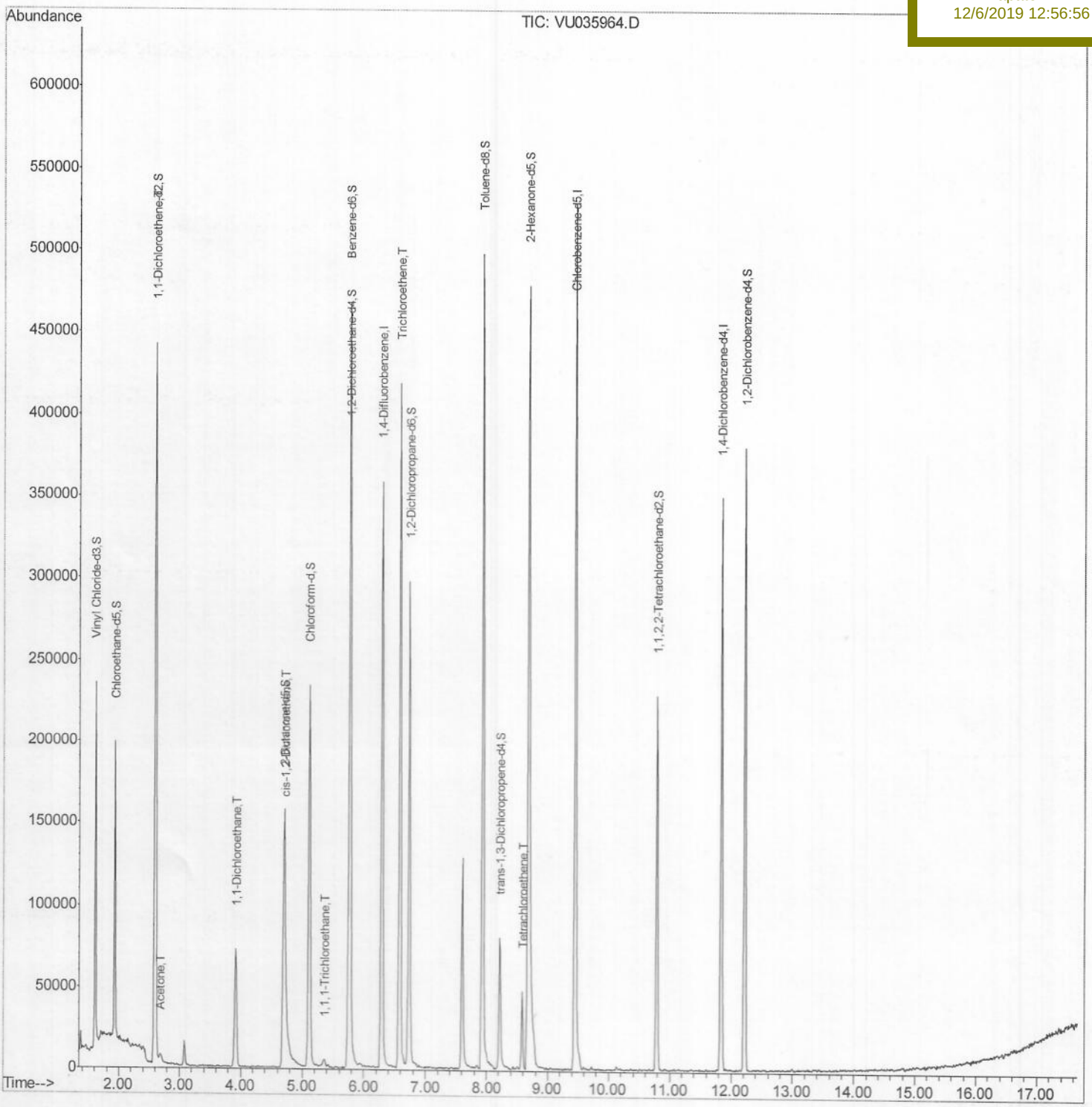
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120419\
Data File : VU035964.D
Acq On : 04 Dec 2019 12:04
Operator : JC/SP
Sample : K6056-06DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 07:04:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFE13DL

Manual Integrations APPROVED
apatel
12/6/2019 12:56:56 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120419\

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 05 03:57:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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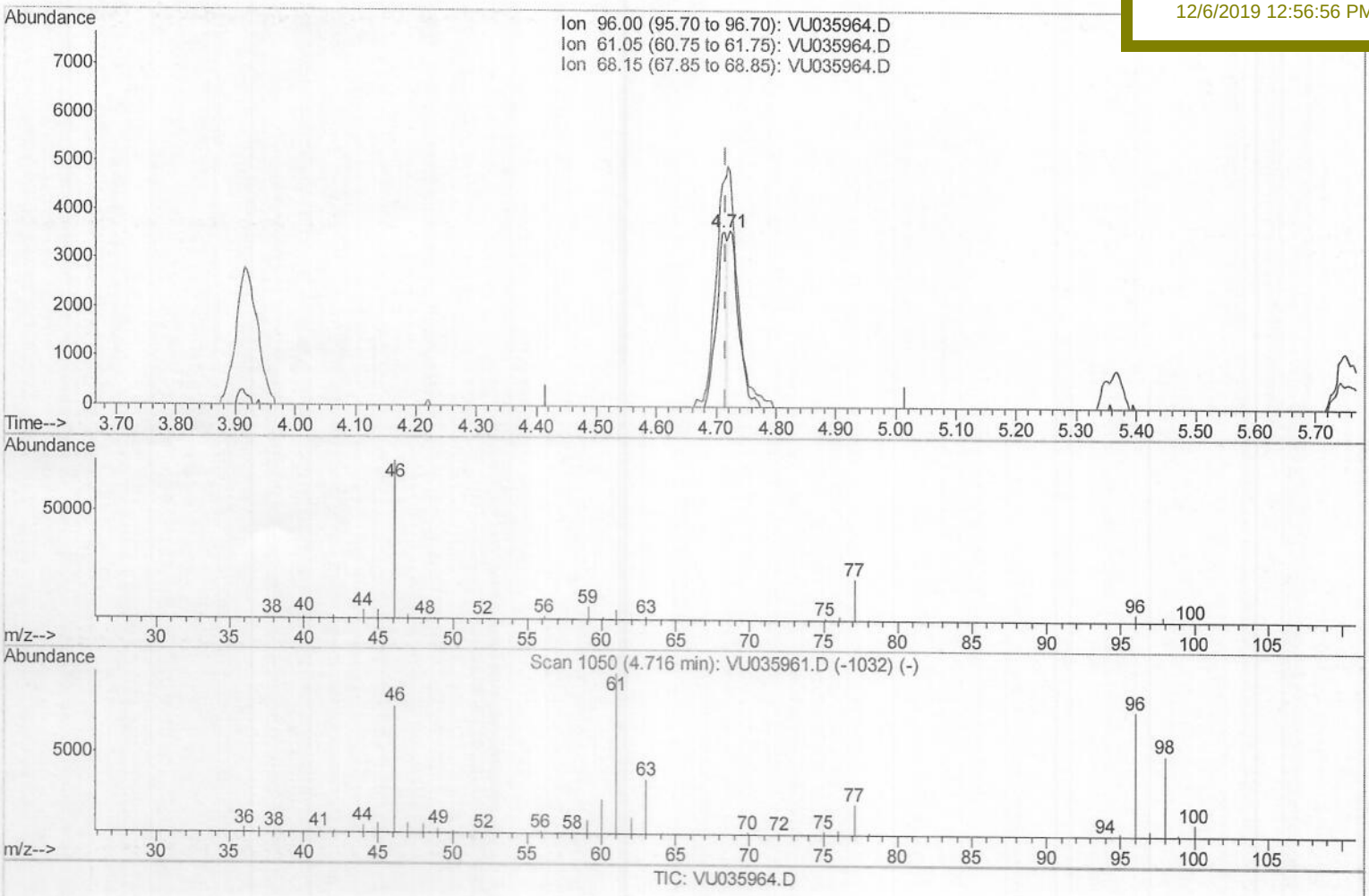
Manual Integrations APPROVED
apatel
12/6/2019 12:56:56 PM



TIC: VU035964.D

(22) cis-1,2-Dichloroethene (T)

4.713min (-0.003) 0.17ug/L

response 4128

Ion	Exp%	Act%
96.00	100	100
61.05	136.70	130.24
68.15	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120419\

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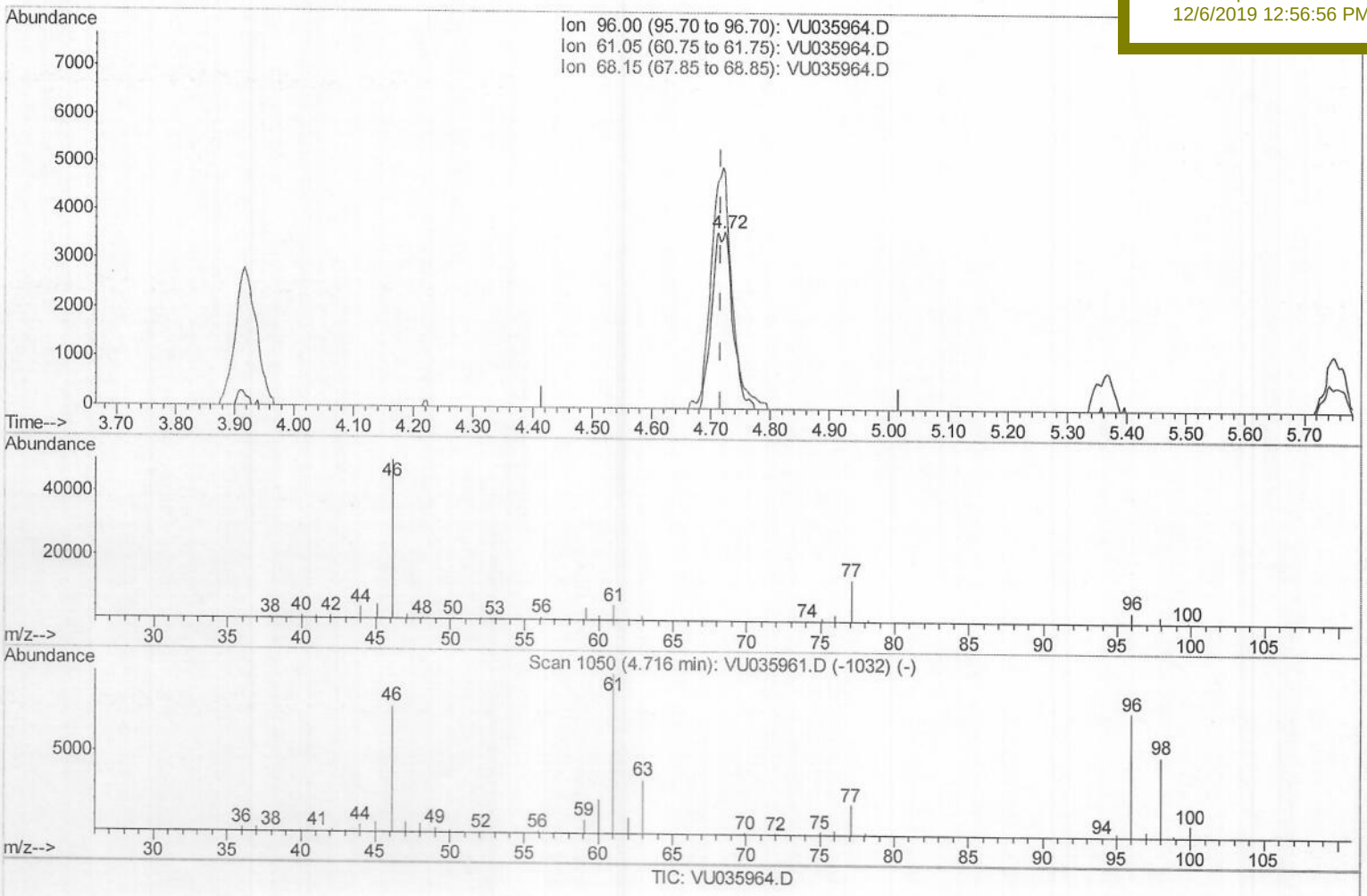
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFE13DL

Manual Integrations APPROVED
apatel
12/6/2019 12:56:56 PM



TIC: VU035964.D

(22) cis-1,2-Dichloroethene (T)

4.723min (+0.006) 0.37ug/L m

response 8718

> MD 12/11/19

Ion	Exp%	Act%
96.00	100	100
61.05	136.70	134.77
68.15	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Data File : VU035964.D
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Operator : JC/SP
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BFE13DL

Manual Integrations APPROVED
apatel
12/6/2019 12:56:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	295816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	320806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104360	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	153146	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.93	69	127914	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.59	63	213708	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.20%			
20) 2-Butanone-d5	4.70	46	283385	47.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.92%			
24) Chloroform-d	5.11	84	224914	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.75	65	120790	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.77	84	431688	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.73	67	143316	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.93	98	346229	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
43) trans-1,3-Dichloropropene-	8.21	79	52440	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.68	63	210264	43.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.04%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116584	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	106142	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	86126	4.063	ug/L	92
13) Acetone	2.69	43	10067	1.865	ug/L	68
19) 1,1-Dichloroethane	3.92	63	84293	1.921	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	8718m	0.368	ug/L	
29) 1,1,1-Trichloroethane	5.36	97	3036	0.078	ug/L #	81
34) Trichloroethene	6.58	95	144114	5.649	ug/L	97
47) Tetrachloroethene	8.58	164	11117	0.536	ug/L	88

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

> MD 12/11/19