

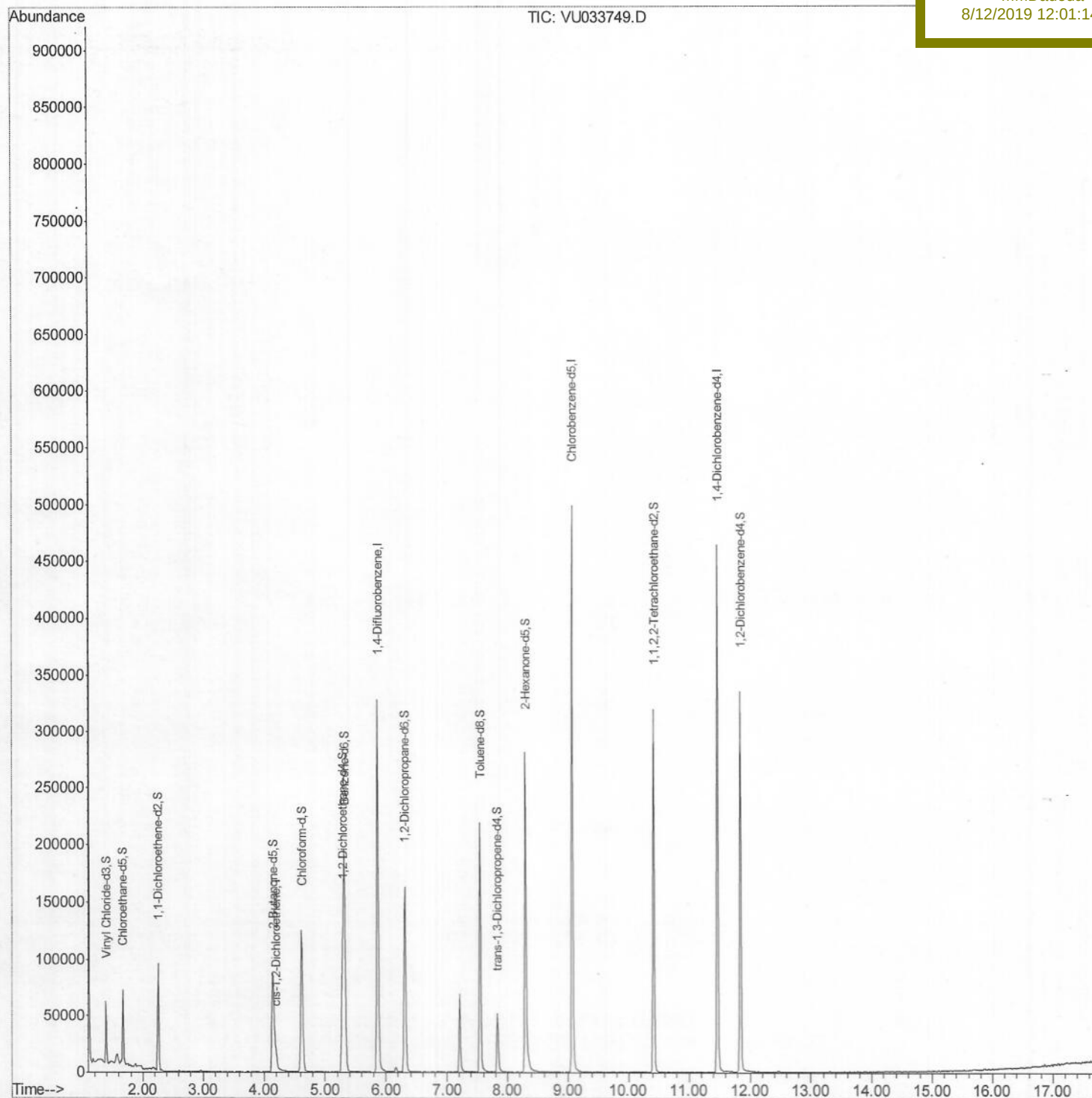
Data File : VU033749.D
Acq On : 11 Aug 2019 14:02
Operator : JC/SP
Sample : K4202-18RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 05:42:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 04:45:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F2B45RE

Manual Integrations
APPROVED

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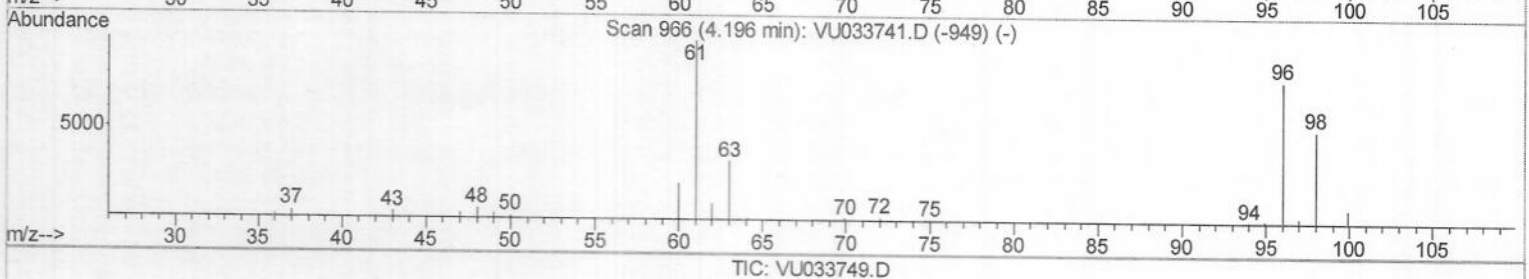
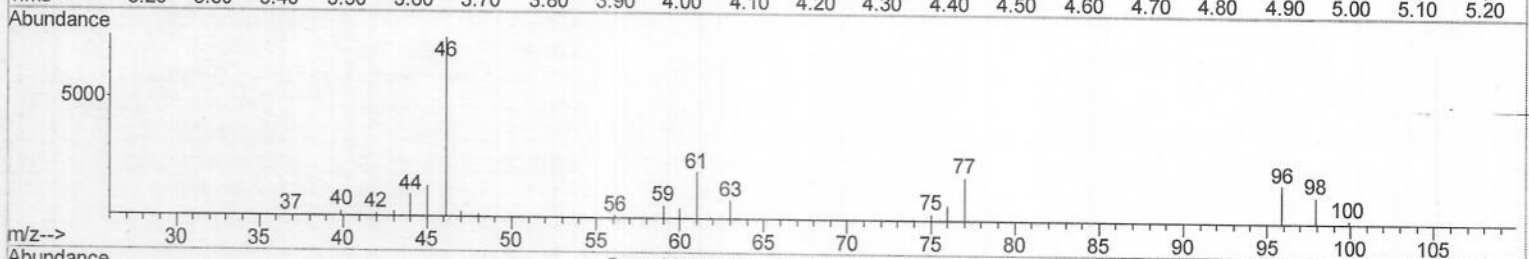
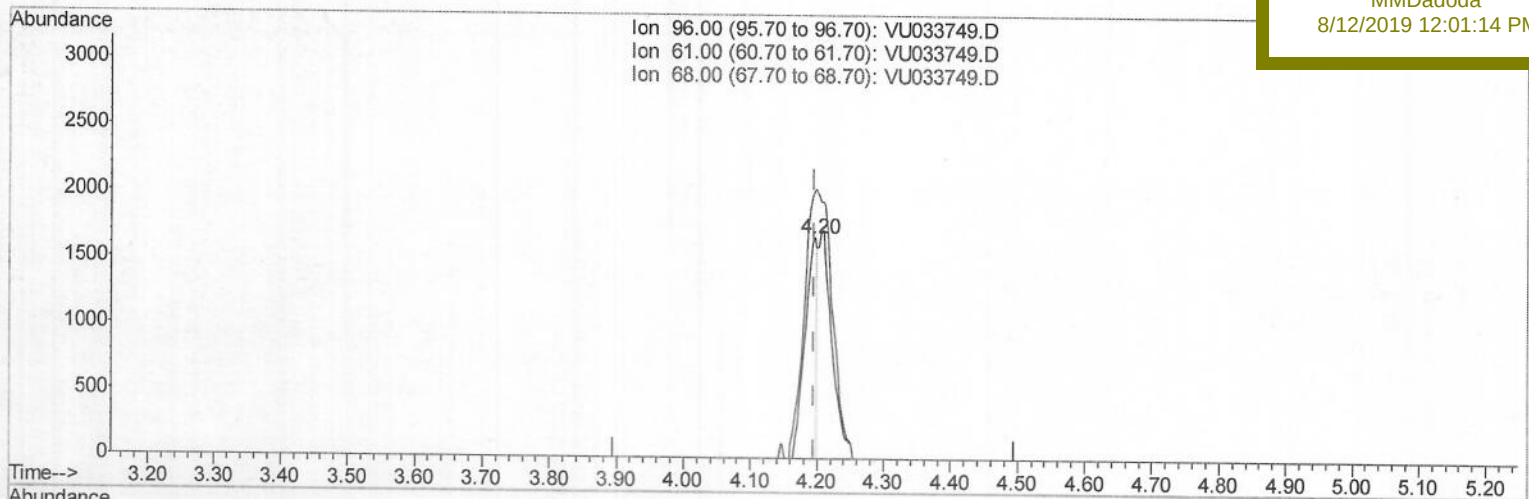
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(20) cis-1,2-Dichloroethene (T)

4.196min (-0.000) 1.06ug/L

response 2115

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	121.54
68.00	0.00	0.00
0.00	0.00	0.00

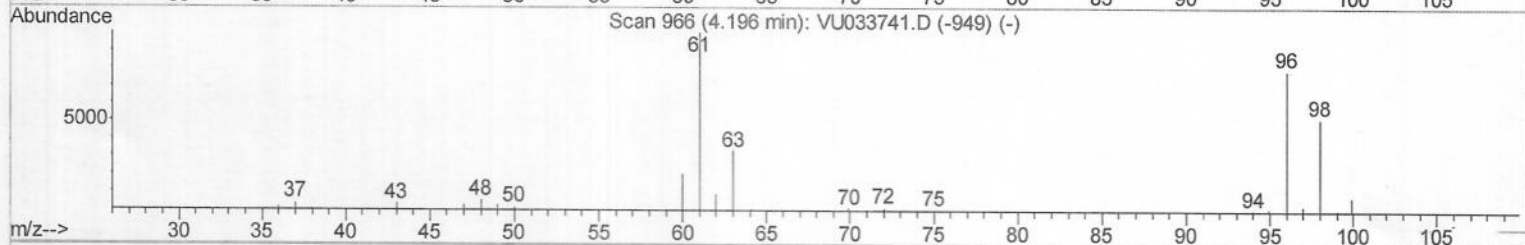
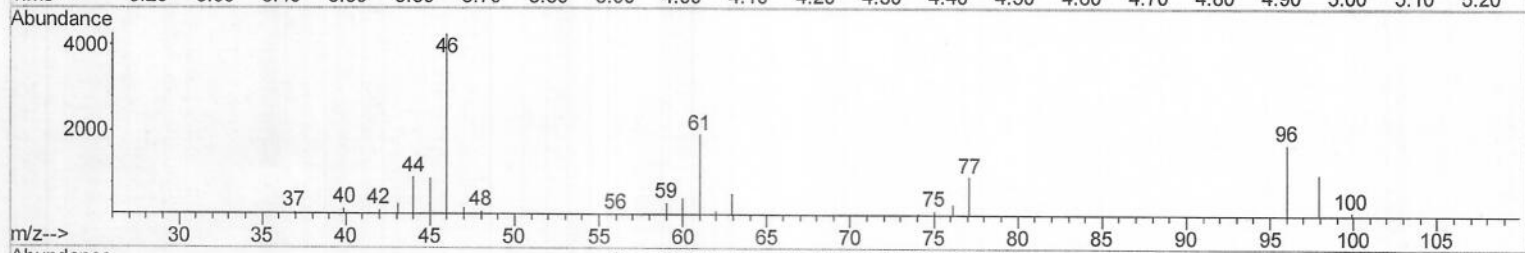
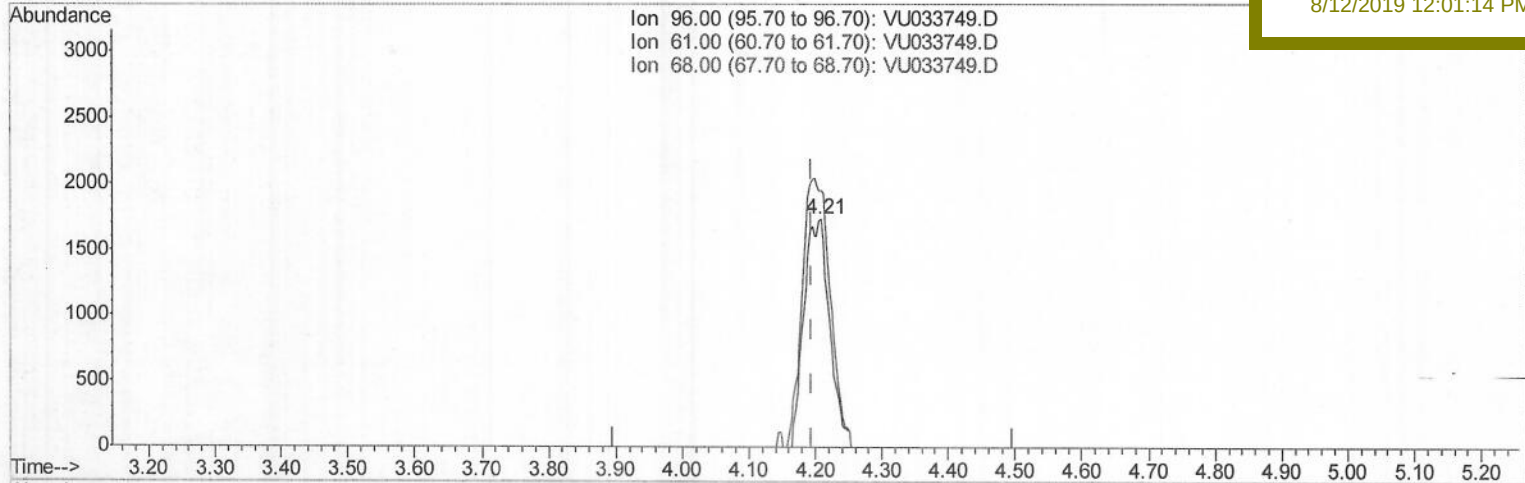
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Manual Integrations
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TIC: VU033749.D

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

4.209min (+0.013) 2.32ug/L m

response 4601

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	112.35
68.00	0.00	0.00
0.00	0.00	0.00

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Data File : VU033749.D
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Sample : K4202-18RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 05:42:47 2019
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	276316	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	34790	17.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.20%#
7) Chloroethane-d5	1.67	69	43148	21.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.32%#
11) 1,1-Dichloroethene-d2	2.26	63	53019	15.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.00%#
21) 2-Butanone-d5	4.15	46	145784	115.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.61%
24) Chloroform-d	4.62	84	126488	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	5.29	65	82813	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
32) Benzene-d6	5.32	84	193788	29.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.84%#
36) 1,2-Dichloropropane-d6	6.31	67	80605	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.12%
41) Toluene-d8	7.55	98	148365	24.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.72%#
43) trans-1,3-Dichloropropene-	7.83	79	31034	30.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.84%
47) 2-Hexanone-d5	8.29	63	97644	94.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158697	53.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.96%
64) 1,2-Dichlorobenzene-d4	11.84	152	91676	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	4601m	>	2.316 ug/L

M.D
08/12/19

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