Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112519\
Data File : VU035838.D
Acq On : 25 Nov 2019 21:21
Operator : JC/SP
Sample : K5992-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 26 08:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GARF0

Manual Integrations APPROVED
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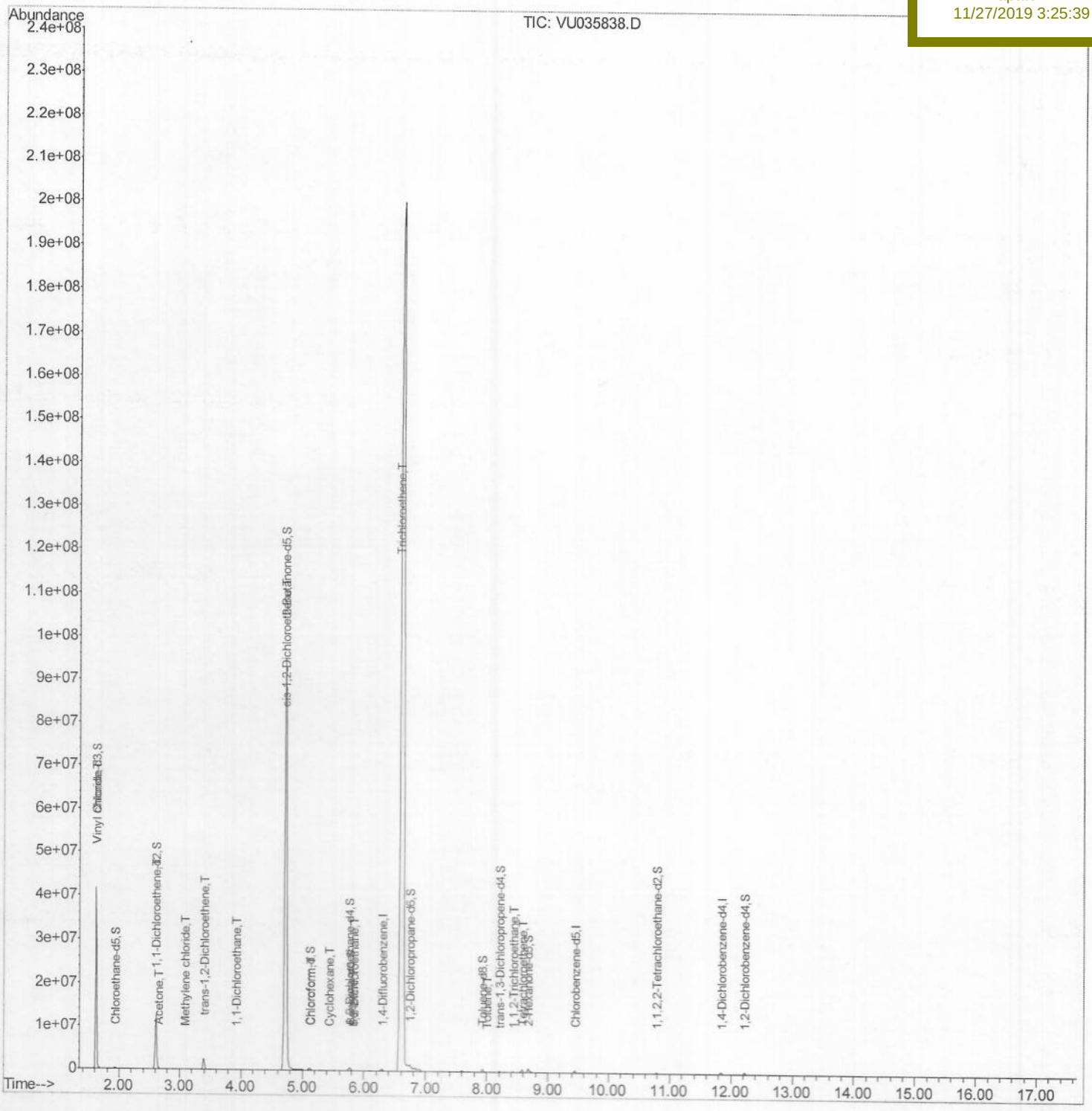

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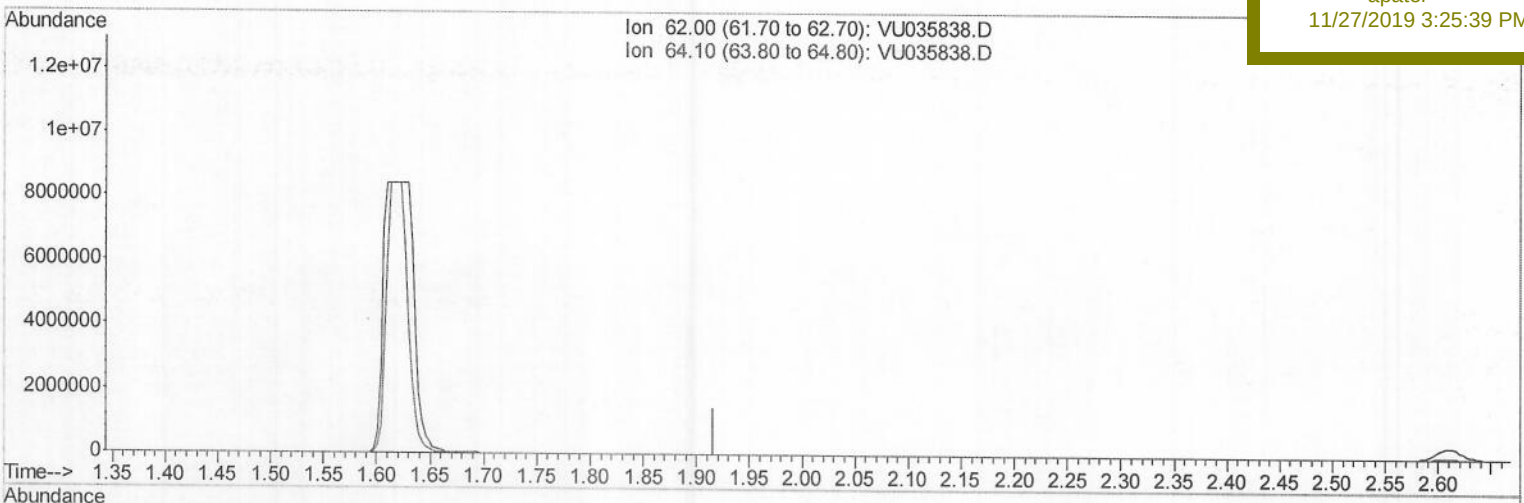

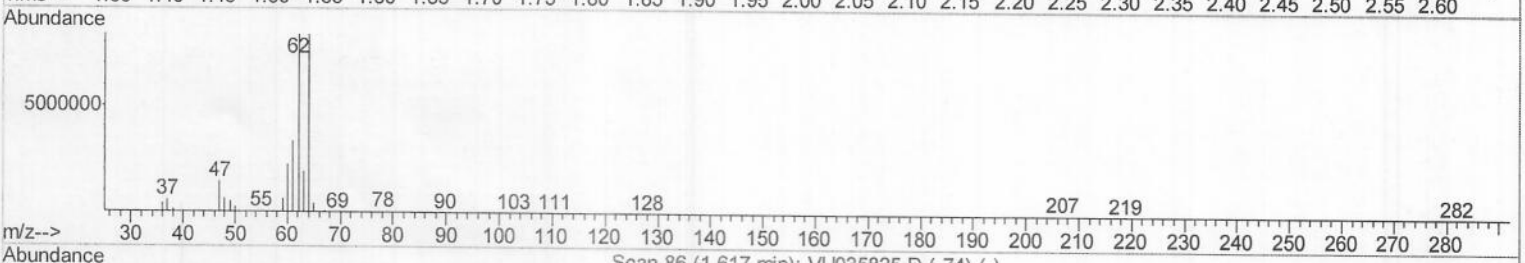

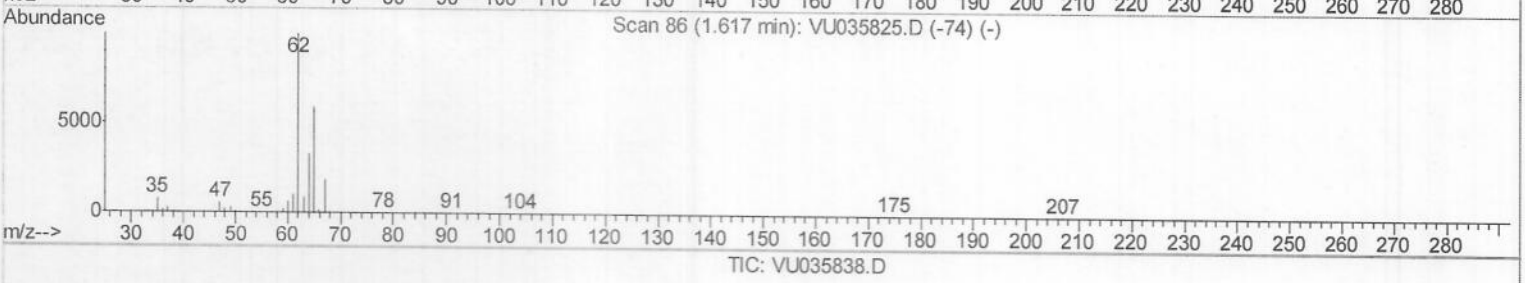

(5) Vinyl chloride (T)

1.617min (-1.617) 0.00ug/L

response 0

Ion	Exp%	Act%
62.00	100	0.00
64.10	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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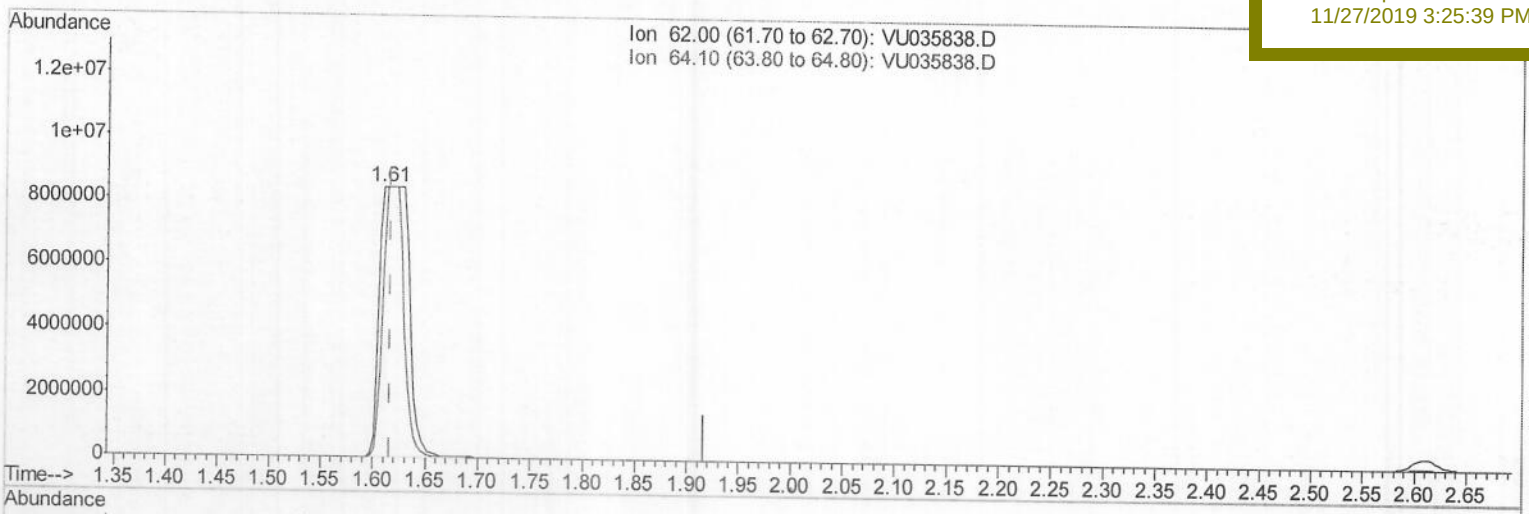

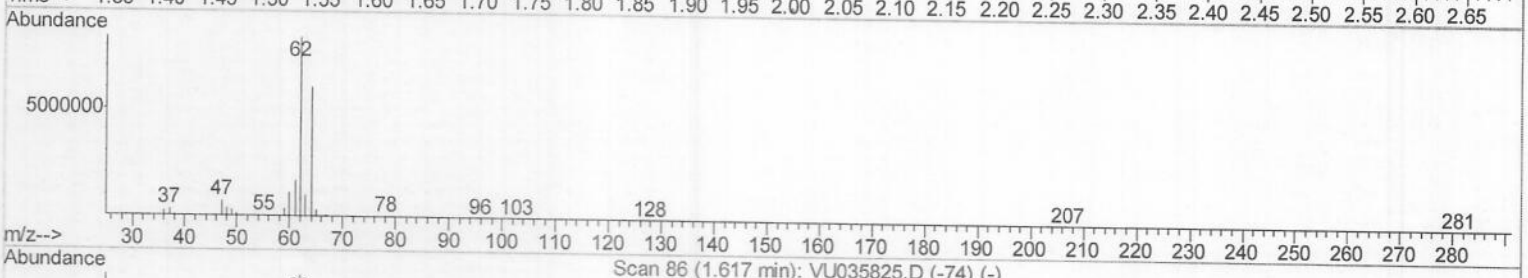

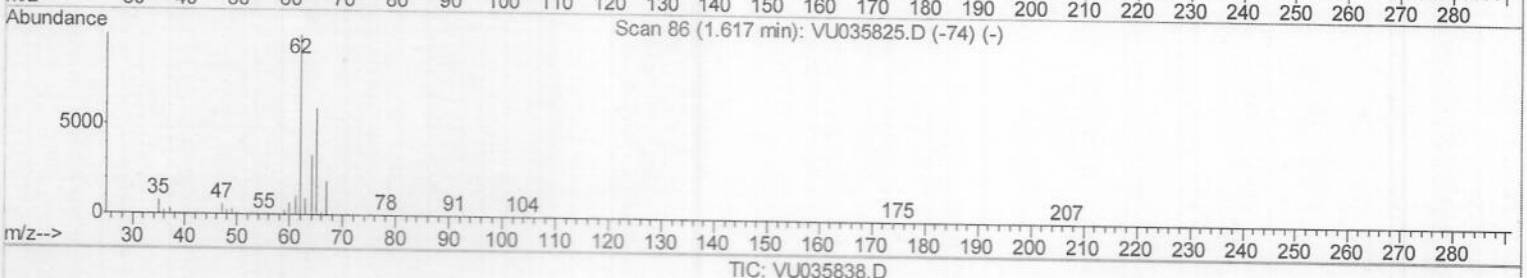

TIC: VU035838.D

(5) Vinyl chloride (T)

1.610min (-0.006) 364.22ug/L m

response 16137042

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Ion	Exp%	Act%
62.00	100	100
64.10	32.20	71.96#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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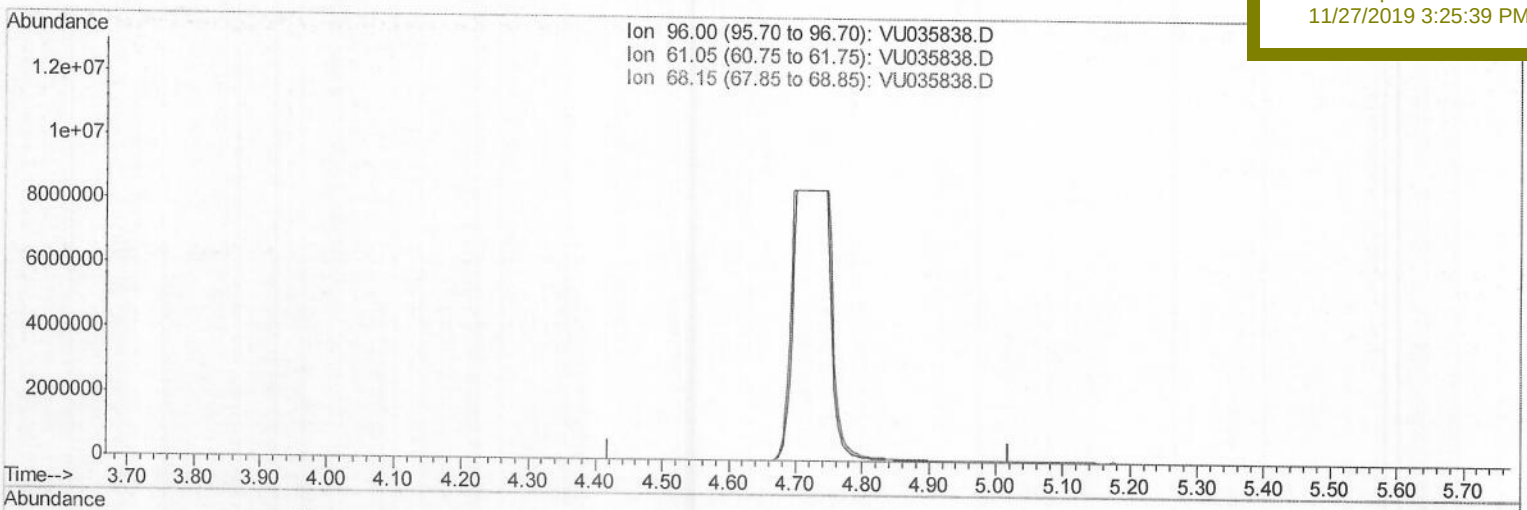

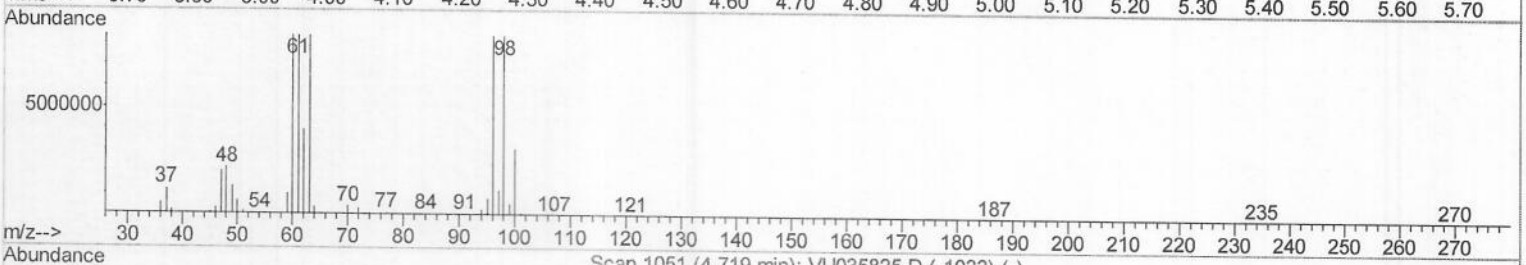

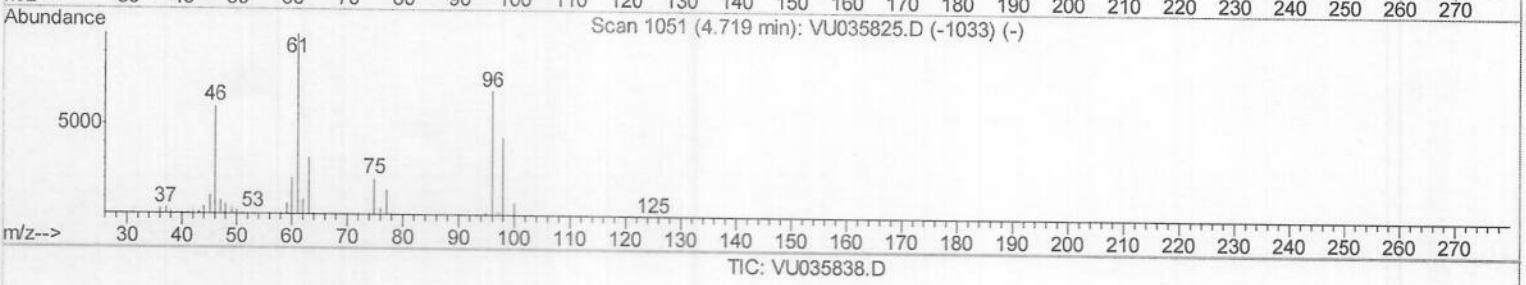

TIC: VU035838.D

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

4.719min (-4.719) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	140.10	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

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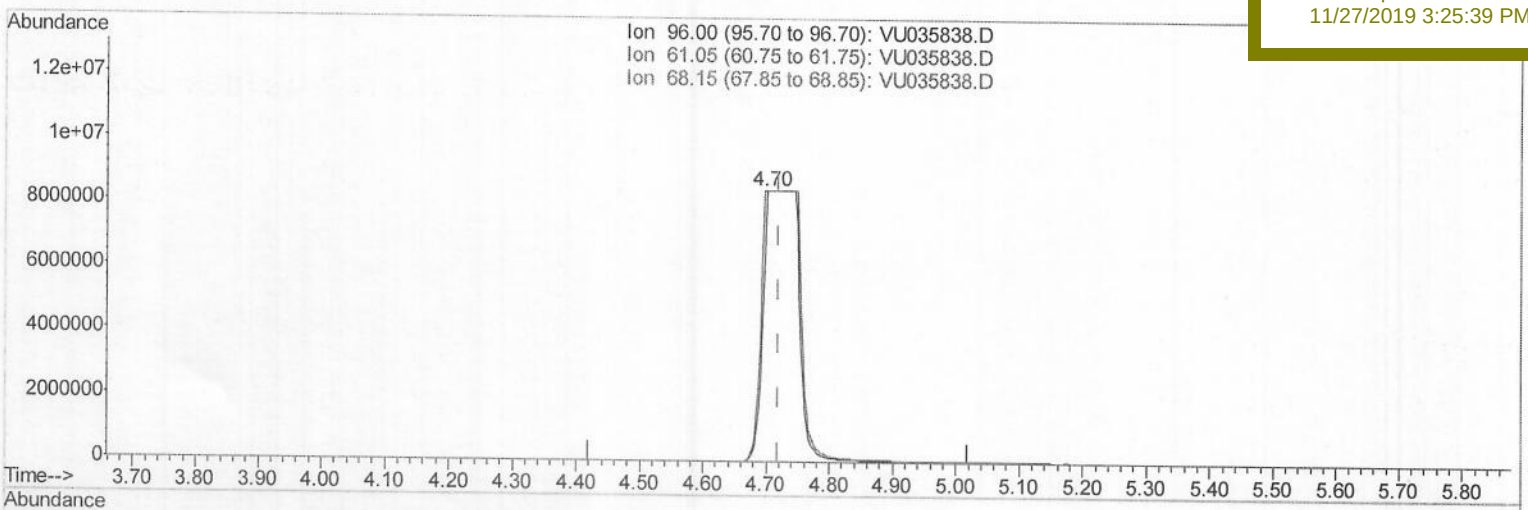

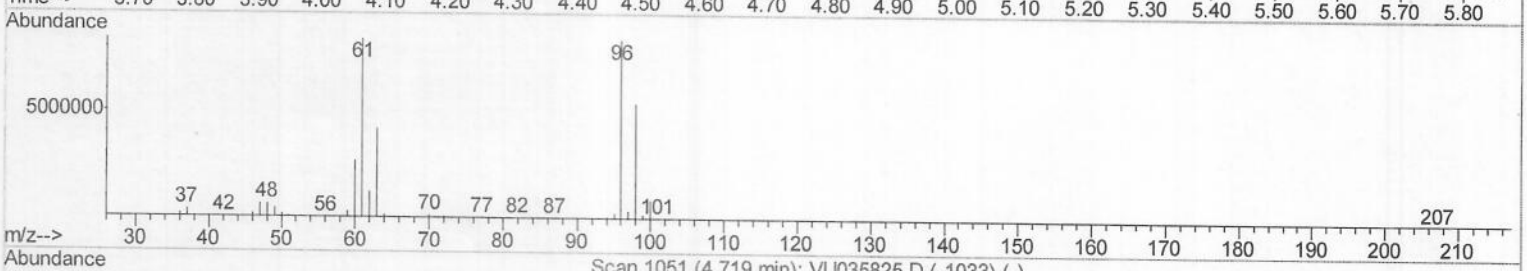

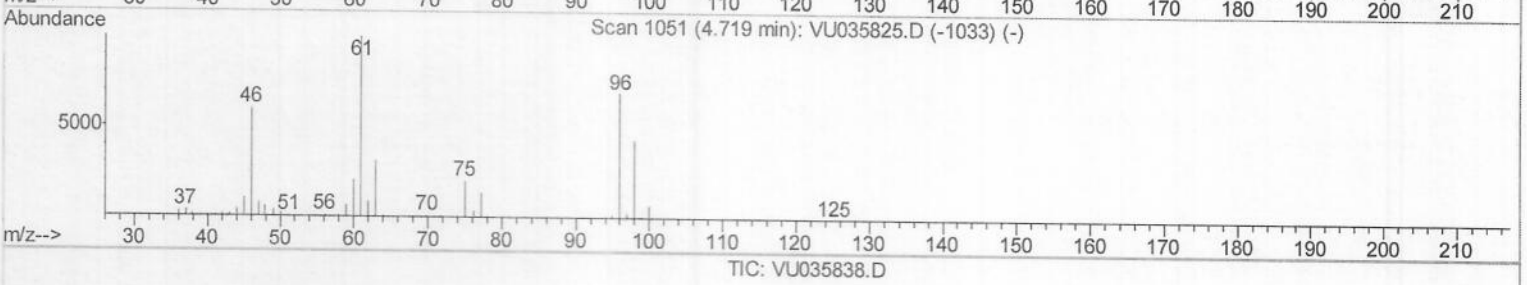

TIC: VU035838.D

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

4.700min (-0.019) 1064.45ug/L m

response 32246183

Ion	Exp%	Act%
96.00	100	100
61.05	140.10	100.00
68.15	0.00	0.00
0.00	0.00	0.00

> MD 12/03/19

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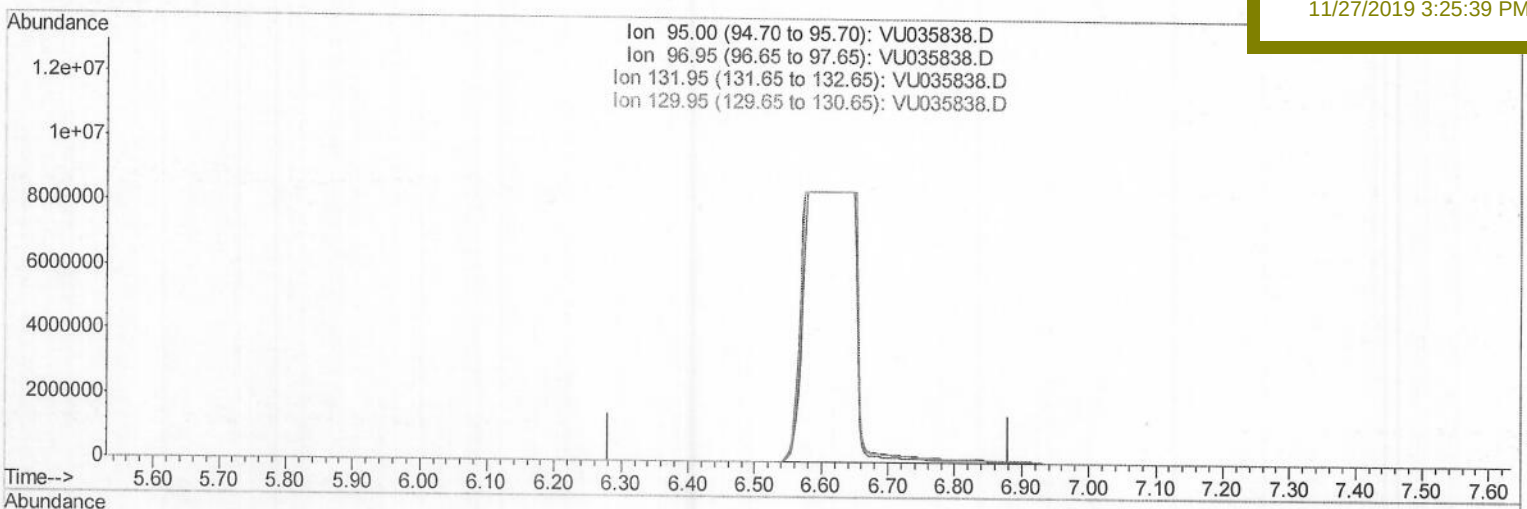

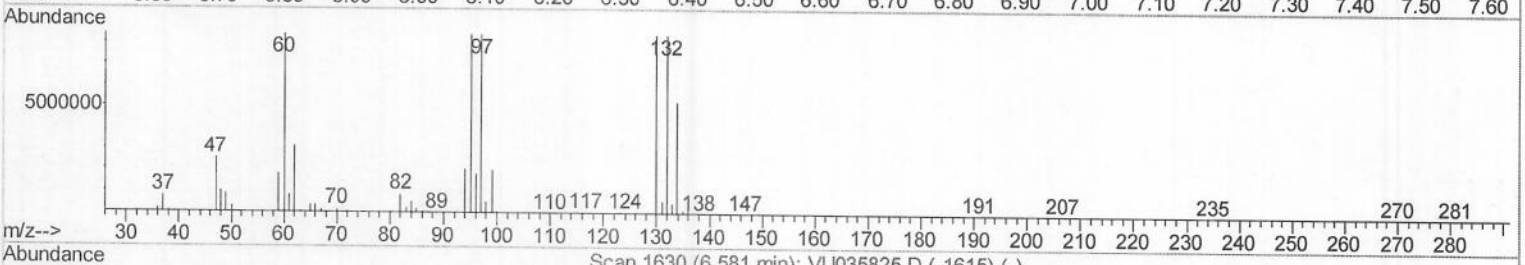

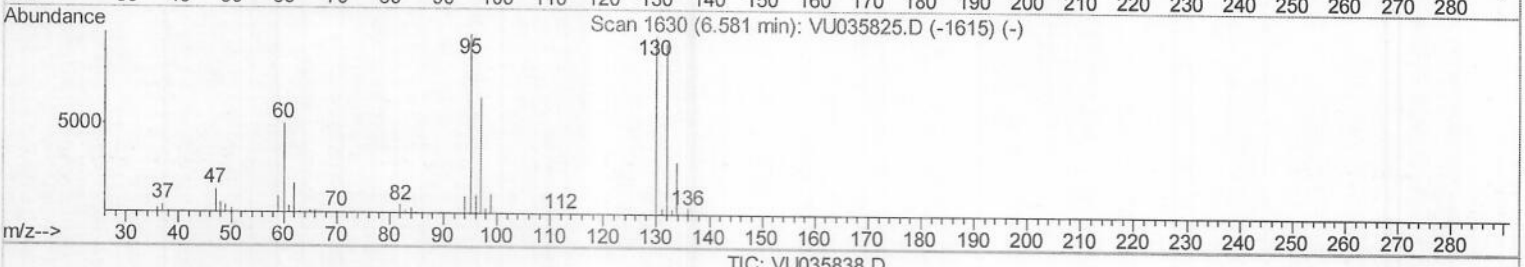

TIC: VU035838.D

(34) Trichloroethene (T)

6.581min (-6.581) 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
96.95	64.50	0.00#
131.95	88.40	0.00#
129.95	94.70	0.00#

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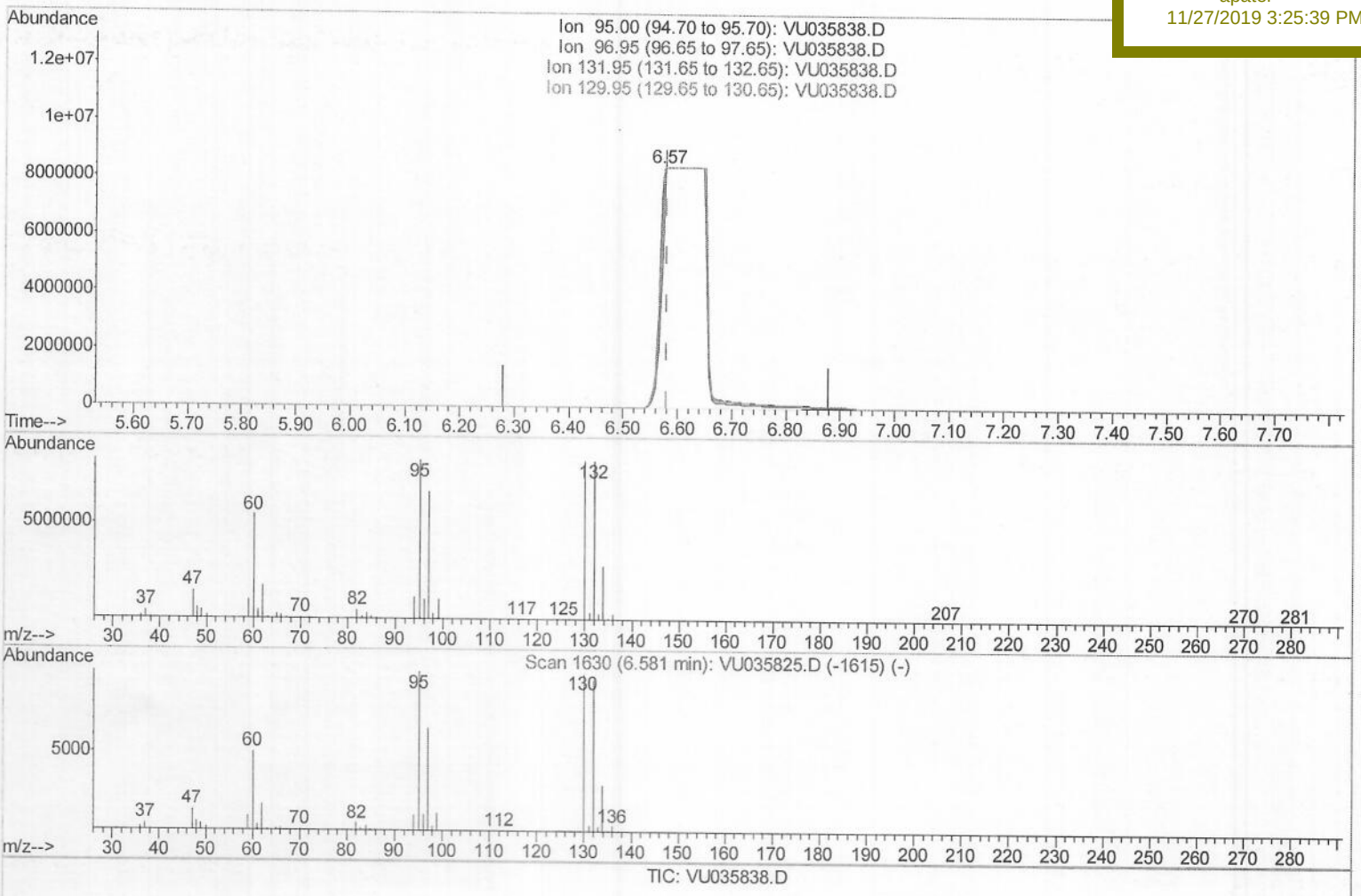

TIC: VU035838.D

(34) Trichloroethene (T)

6.575min (-0.006) 1602.46ug/L m

response 47570292

> MD
12/09/19

Ion	Exp%	Act%
95.00	100	100
96.95	64.50	80.25
131.95	88.40	100.00
129.95	94.70	100.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265331	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98081	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	449640	12.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 259.40%#			
7) Chloroethane-d5	1.93	69	125746	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.61	63	2799674	43.45	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 869.00%#			
20) 2-Butanone-d5	4.71	46	568818	70.91	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 141.82%#			
24) Chloroform-d	5.11	84	262282	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.75	65	155672	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.77	84	523843	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.75	67	198966	5.34	ug/L	0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.93	98	450007	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	8.21	79	69390	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.68	63	386562	66.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.56%#			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	158310	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	107784	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	16137042m	364.220	ug/L	
12) 1,1-Dichloroethene	2.61	96	4409128	159.708	ug/L #	70
13) Acetone	2.67	43	7453	1.058	ug/L	93
16) Methylene chloride	3.09	84	2506	0.075	ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	994484	36.582	ug/L	98
19) 1,1-Dichloroethane	3.92	63	37437	0.613	ug/L	93
22) cis-1,2-Dichloroethene	4.70	96	32246183m	1064.452	ug/L	
25) Chloroform	5.14	83	46035	0.775	ug/L	98
27) 1,2-Dichloroethane	5.84	62	13394	0.343	ug/L #	93
30) Cyclohexane	5.43	56	28828	0.630	ug/L	98
33) Benzene	5.82	78	89747	0.741	ug/L	100
34) Trichloroethene	6.57	95	47570292m	1602.462	ug/L	
42) Toluene	8.00	91	12190	0.097	ug/L	87
45) 1,1,2-Trichloroethane	8.43	97	41270	1.844	ug/L	97
47) Tetrachloroethene	8.58	164	155971	6.904	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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