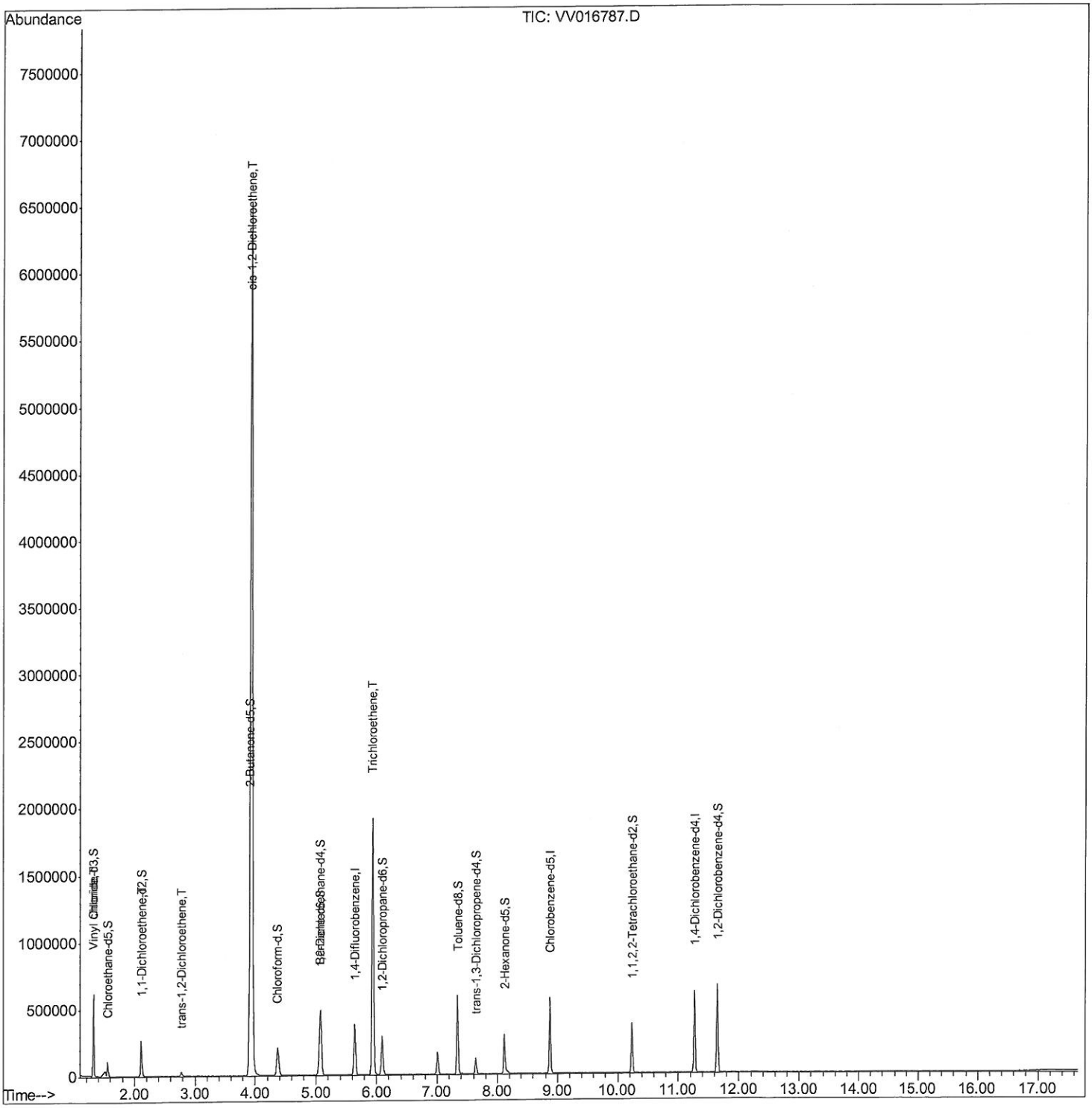
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016787.D
Acq On : 10 Jun 2020 22:47
Operator : SY/MD
Sample : L2929-01 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 11 04:52:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 04:06:22 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
ETTS5

Manual Integrations APPROVED
MMDadoda
6/11/2020 4:23:43 PM



Quantitation Report (Qedit)

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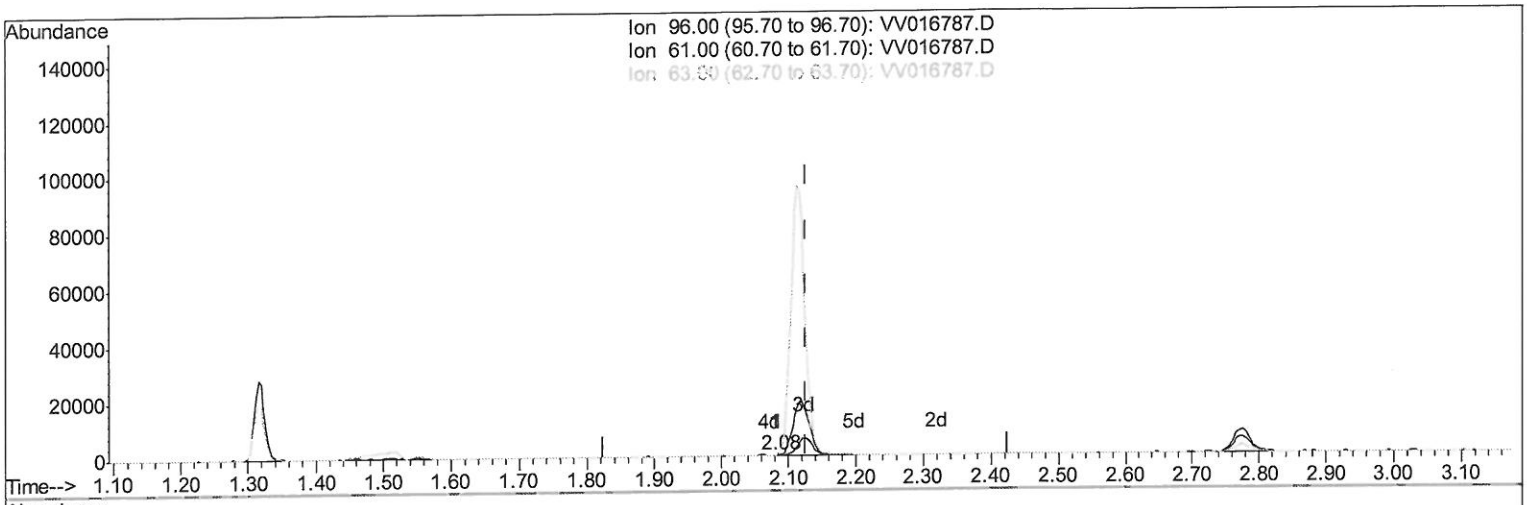

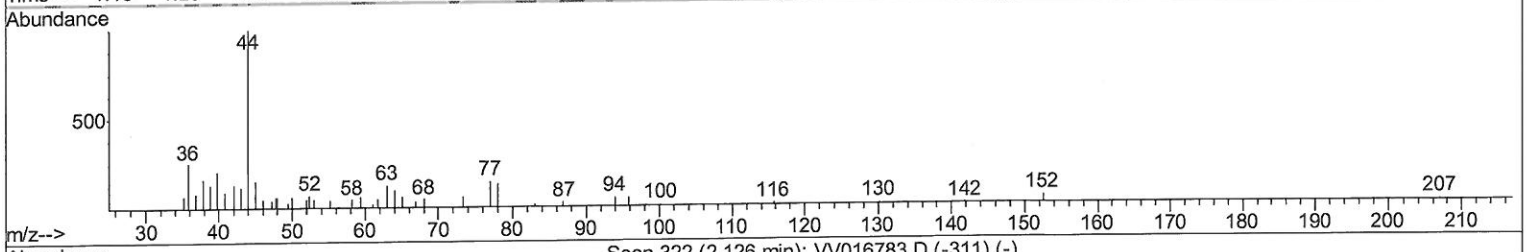

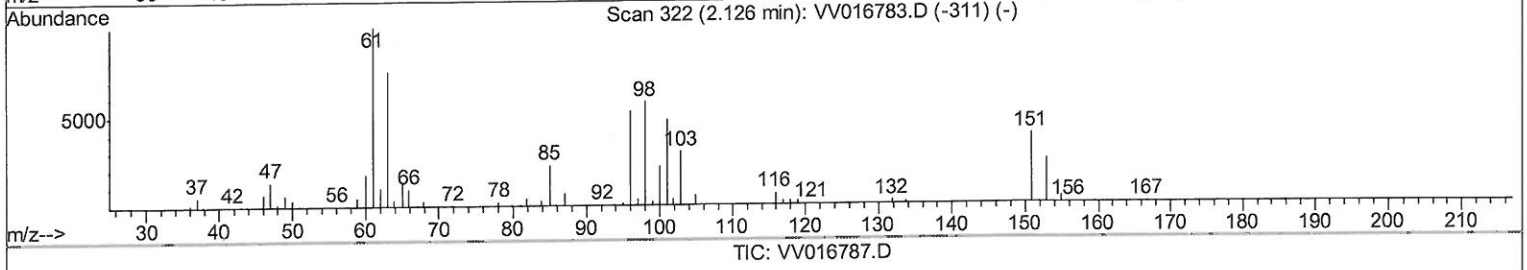

TIC: VV016787.D

(12) 1,1-Dichloroethene (T)

2.081min (-0.045) 0.05ug/L

response 74

Ion	Exp%	Act%
96.00	100	100
61.00	186.30	183.57
63.00	147.60	142.86
0.00	0.00	0.00

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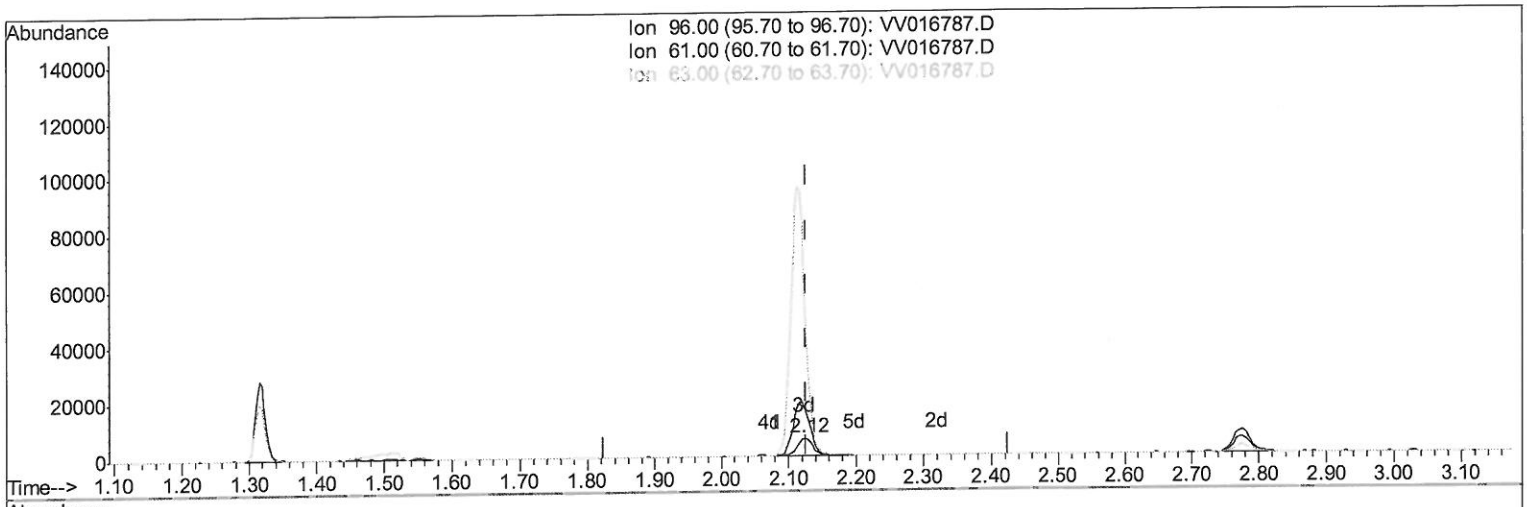

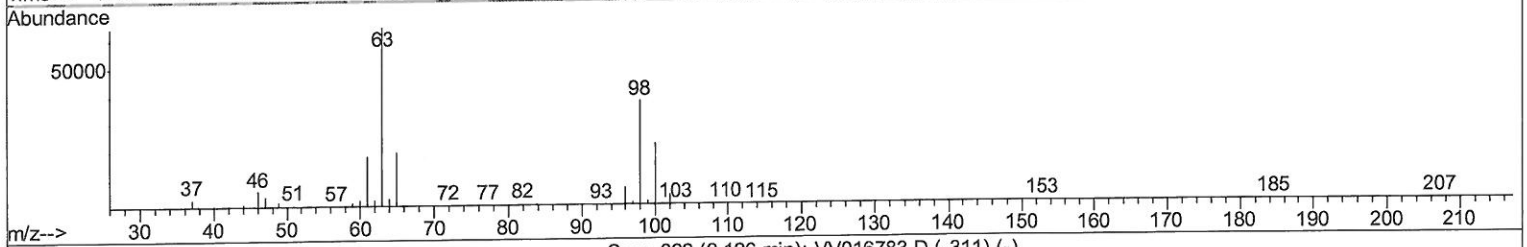

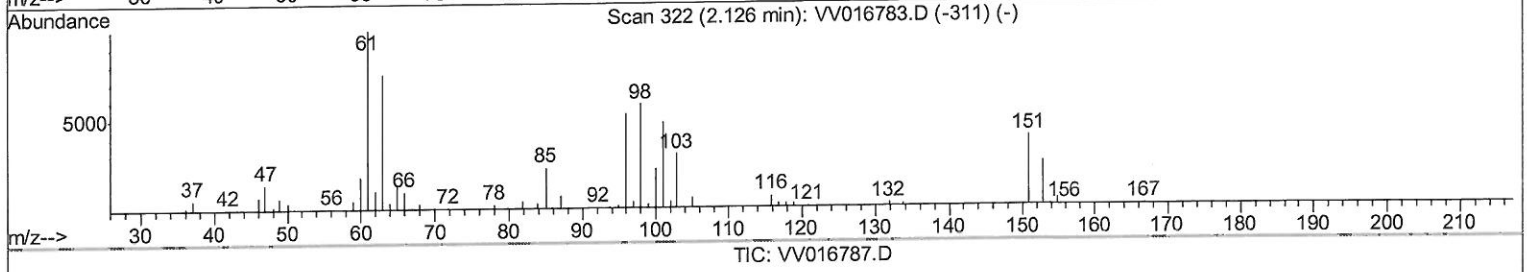

TIC: VV016787.D

(12) 1,1-Dichloroethene (T)

2.122min (-0.003) 6.40ug/L m

response 9871

> MD 06/12/20

Ion	Exp%	Act%
96.00	100	100
61.00	186.30	288.10#
63.00	147.60	1029.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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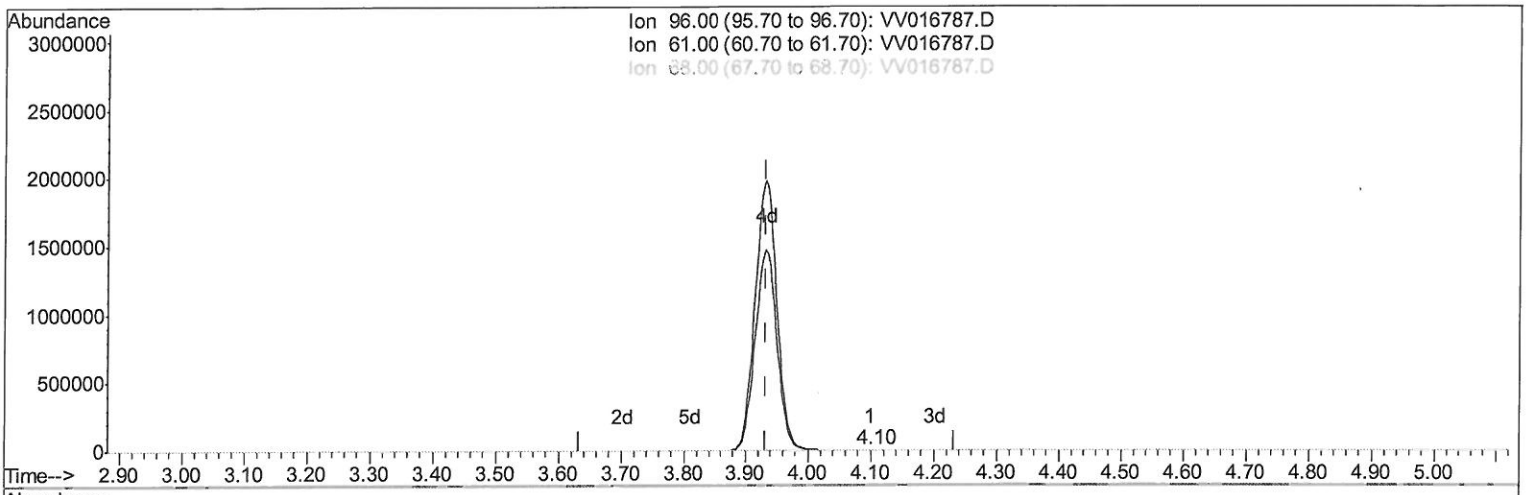
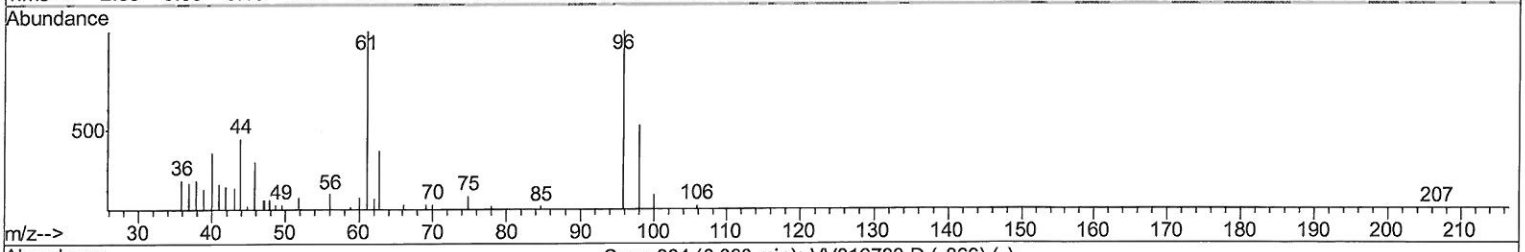
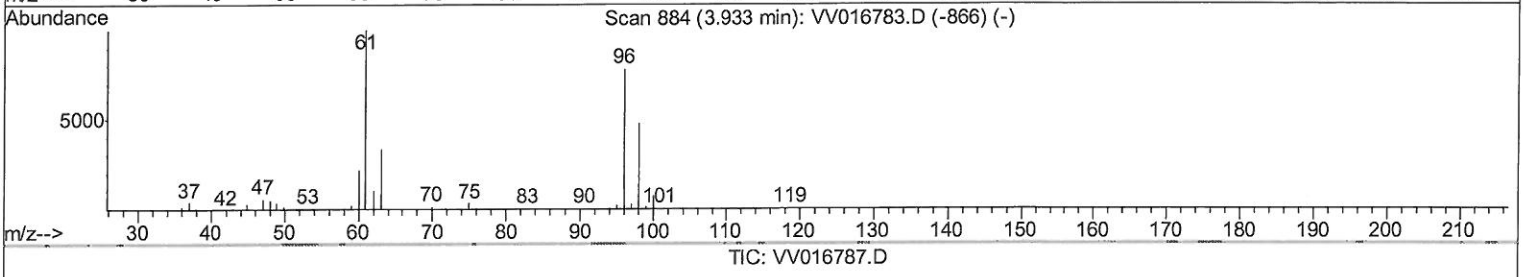
6/11/2020 4:23:43 PM







TIC: VV016787.D

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

4.100min (+0.167) 0.18ug/L

response 409

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	99.80
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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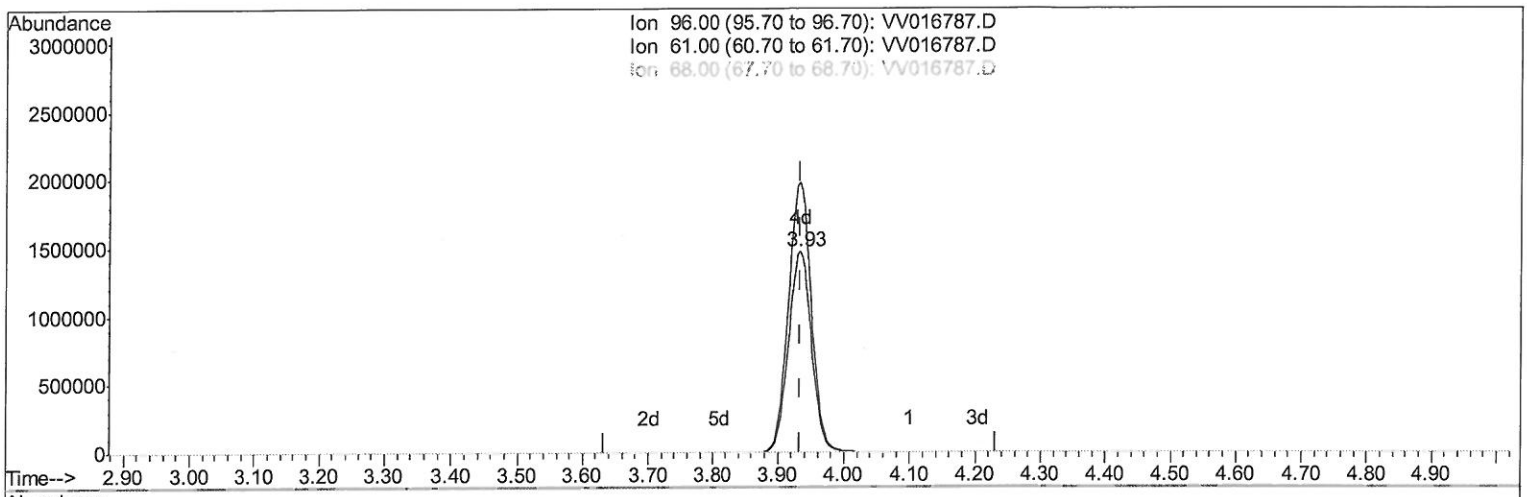
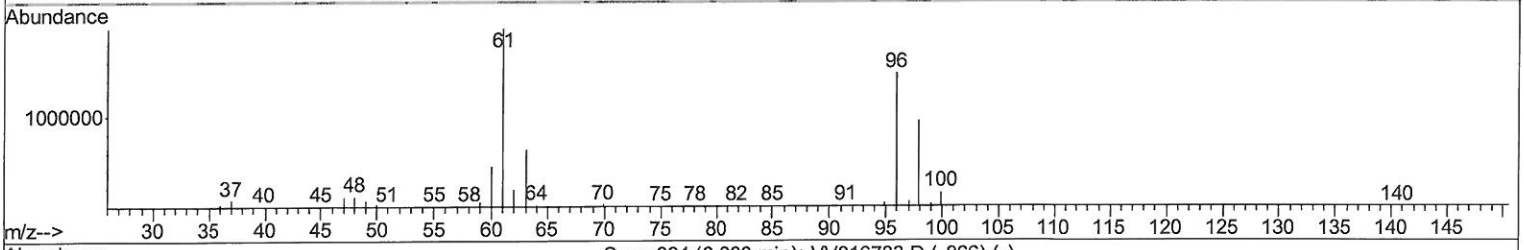
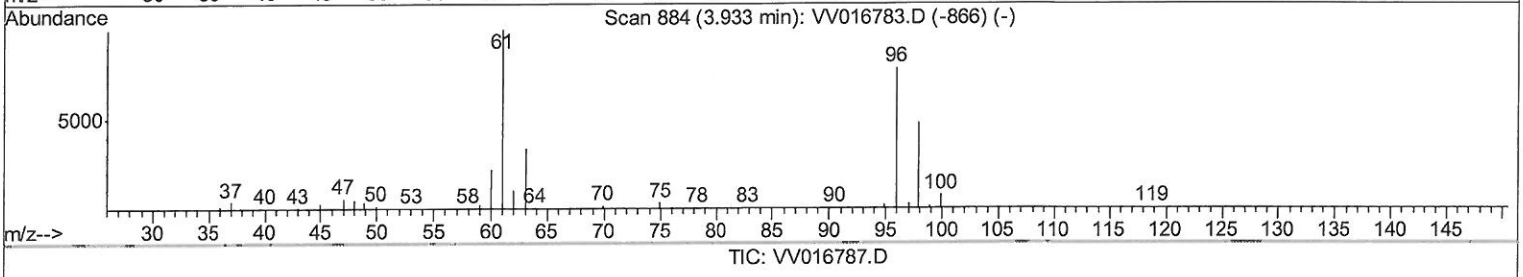
Manual Integrations APPROVED
MMDadoda
6/11/2020 4:23:43 PM







TIC: VV016787.D

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

3.933min (+0.000) 1549.08ug/L m

response 3549930

> MQ
06/12/20

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	134.46
68.00	0.00	0.01#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310622	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	101951	46.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.02%			
7) Chloroethane-d5	1.55	69	65641	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.82%			
11) 1,1-Dichloroethene-d2	2.11	63	138402	37.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.20%			
21) 2-Butanone-d5	3.90	46	161759	99.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.71%			
24) Chloroform-d	4.37	84	206000	46.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.44%			
26) 1,2-Dichloroethane-d4	5.05	65	148418	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
32) Benzene-d6	5.07	84	404913	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
36) 1,2-Dichloropropane-d6	6.09	67	127990	48.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.82%			
41) Toluene-d8	7.34	98	365300	46.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.88%			
43) trans-1,3-Dichloropropene-	7.64	79	62635	45.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.98%			
47) 2-Hexanone-d5	8.11	63	98319	85.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.30%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164909	47.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.24%			
64) 1,2-Dichlorobenzene-d4	11.65	152	160277	50.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.30%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	282554	127.583	ug/L	99
12) 1,1-Dichloroethene	2.12	96	9871m	6.403	ug/L	
17) trans-1,2-Dichloroethene	2.77	96	10399	4.947	ug/L	97
20) cis-1,2-Dichloroethene	3.93	96	3549930m	1549.084	ug/L	
34) Trichloroethene	5.94	95	643570	275.650	ug/L	98

MD 06/12/20

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