

Quantitation Report (QT Reviewed)

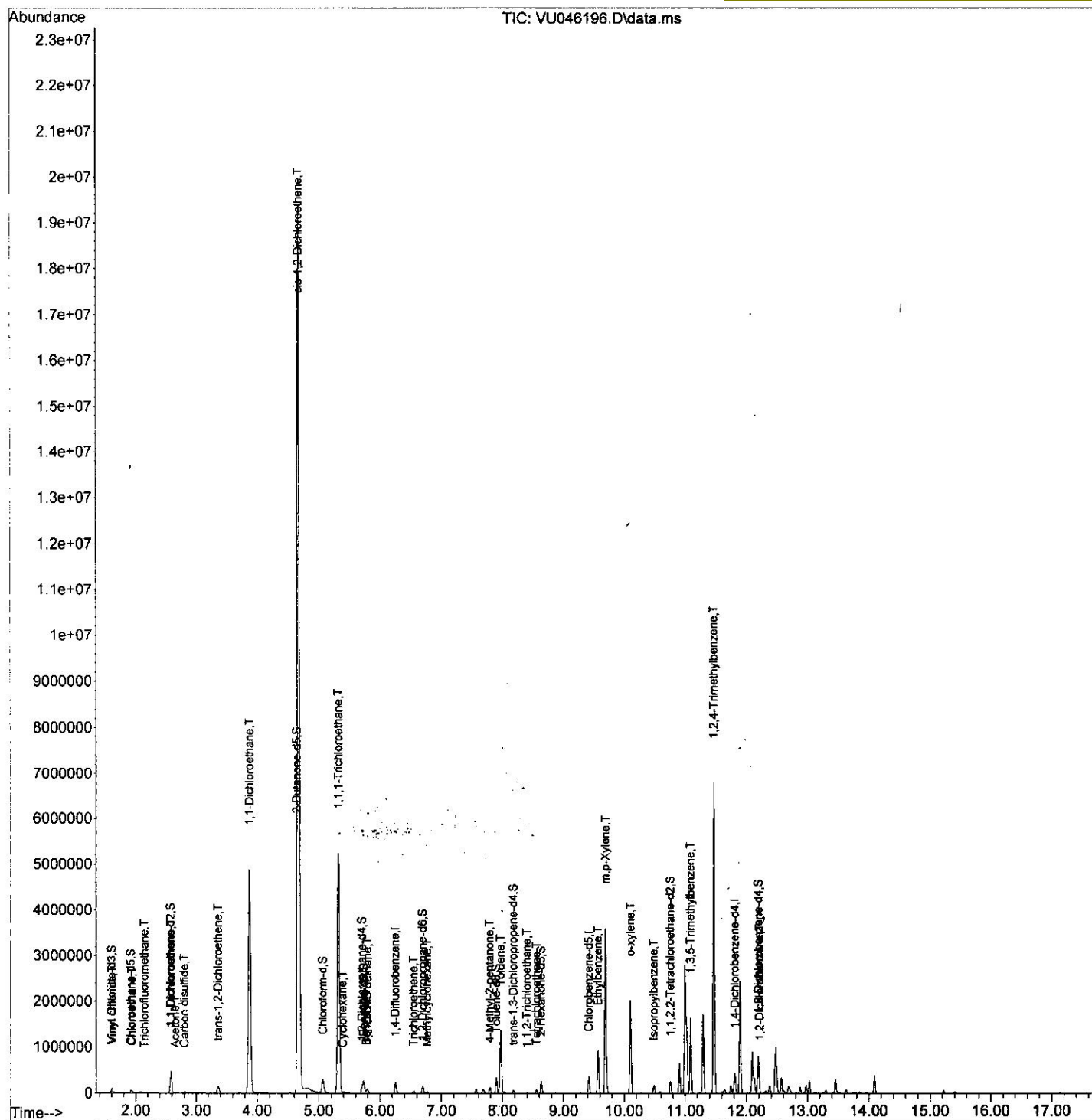
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046196.D
Acq On : 08 Dec 2021 23:20
Operator : SY/MD
Sample : M4983-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
Client Sampled :
EW5N9

Quant Time: Dec 09 04:36:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/09/2021
Supervised By : Mahesh Dadoda 12/09/2021



Quantitation Report (Qedit)

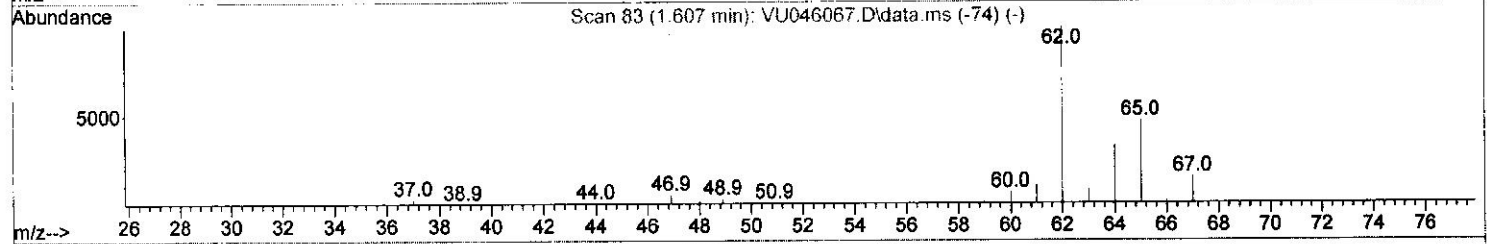
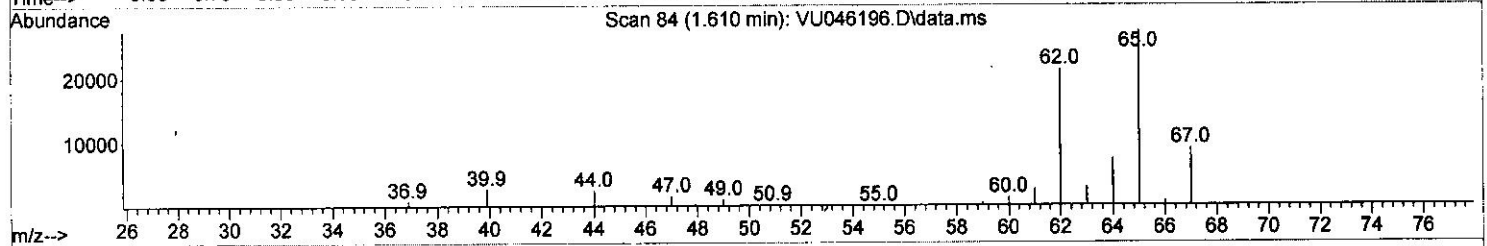
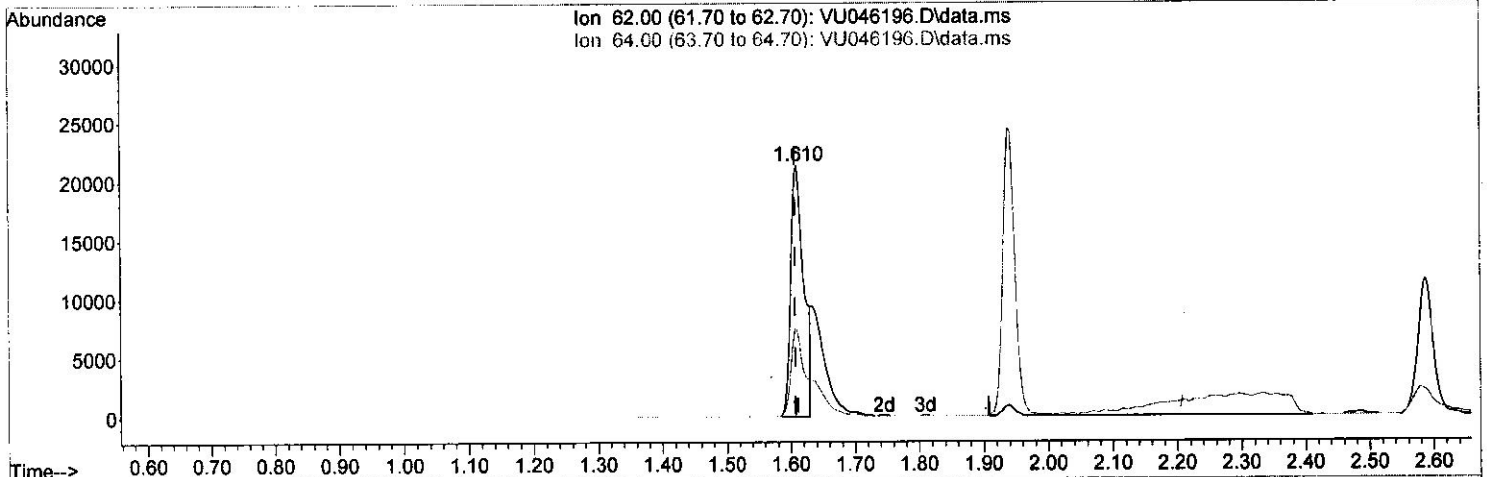
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TIC: VU046196.D\data.ms

(5) Vinyl chloride (T)

1.610min (+ 0.003) 14.16 ug/L

response 29888

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.70	34.69
0.00	0.00	0.00
0.00	0.00	0.00

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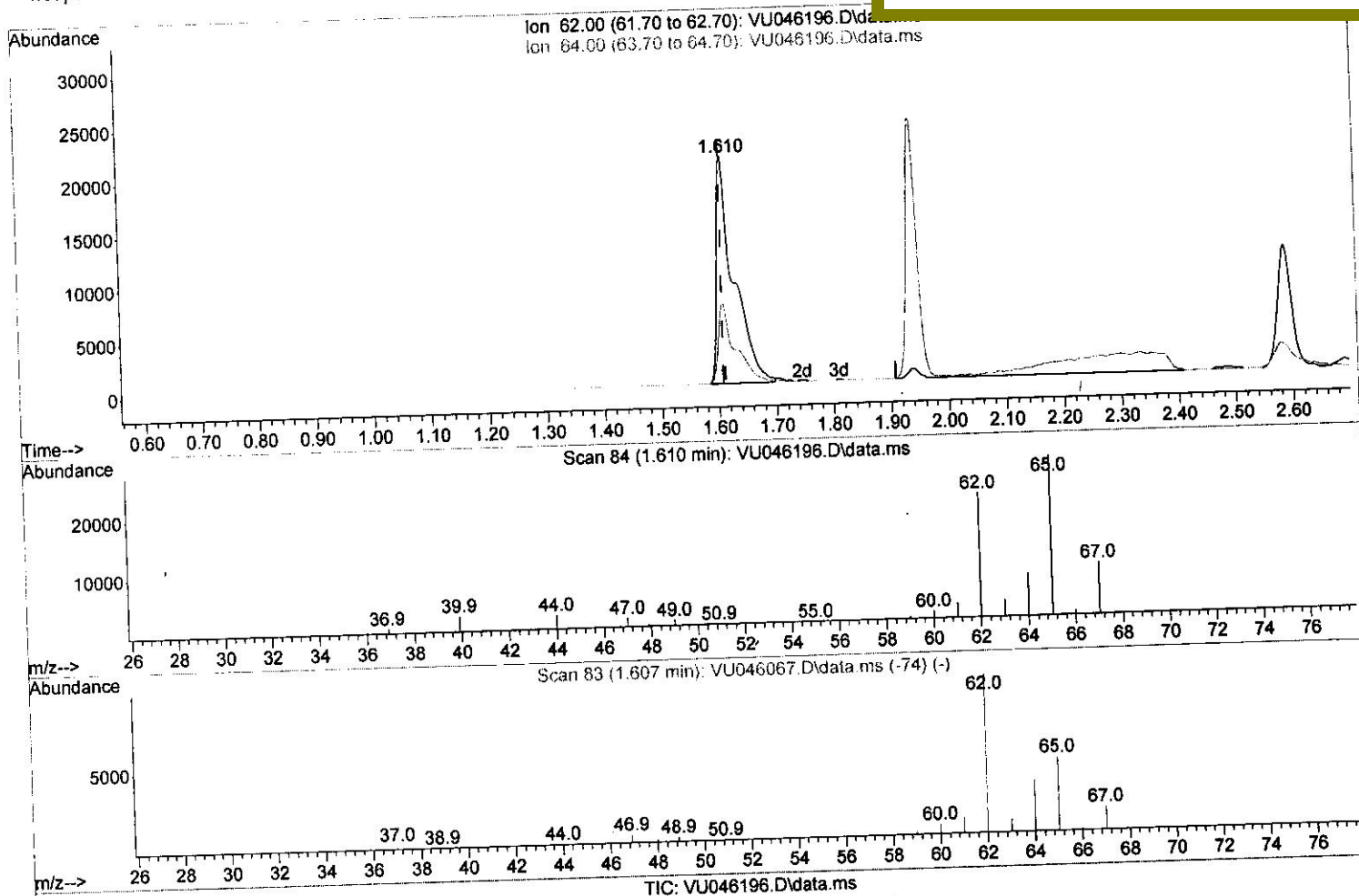
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(5) Vinyl chloride (T)

1.610min (+ 0.003) 20.76 ug/L m

response 43800

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.70	34.69
0.00	0.00	0.00
0.00	0.00	0.00

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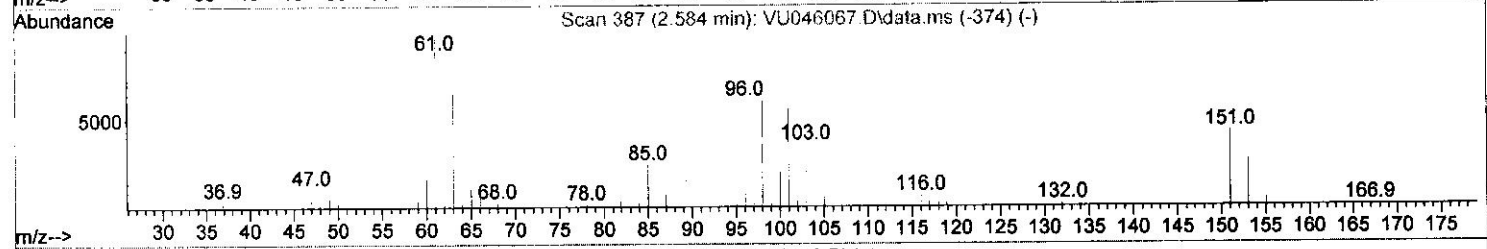
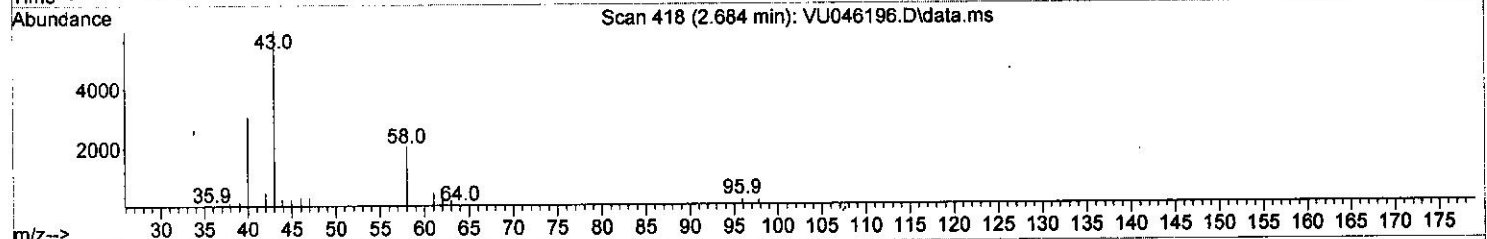
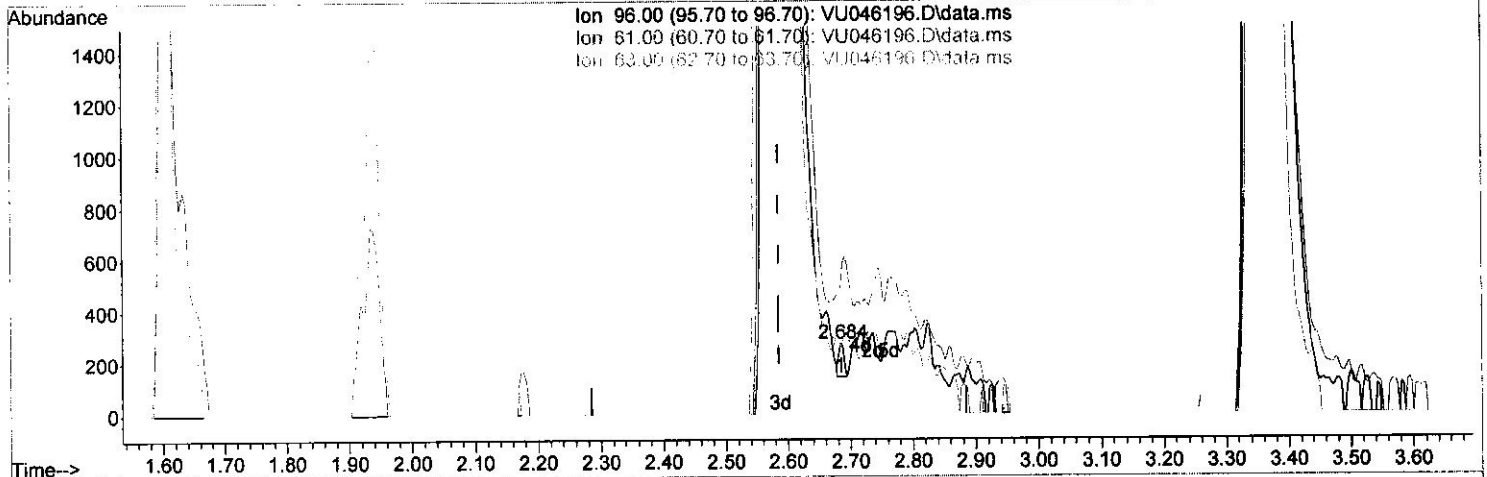
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(12) 1,1-Dichloroethene (T)

2.684min (+ 0.100) 0.05 ug/L

response 75

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	169.40	183.88
63.00	132.90	94.51
0.00	0.00	0.00

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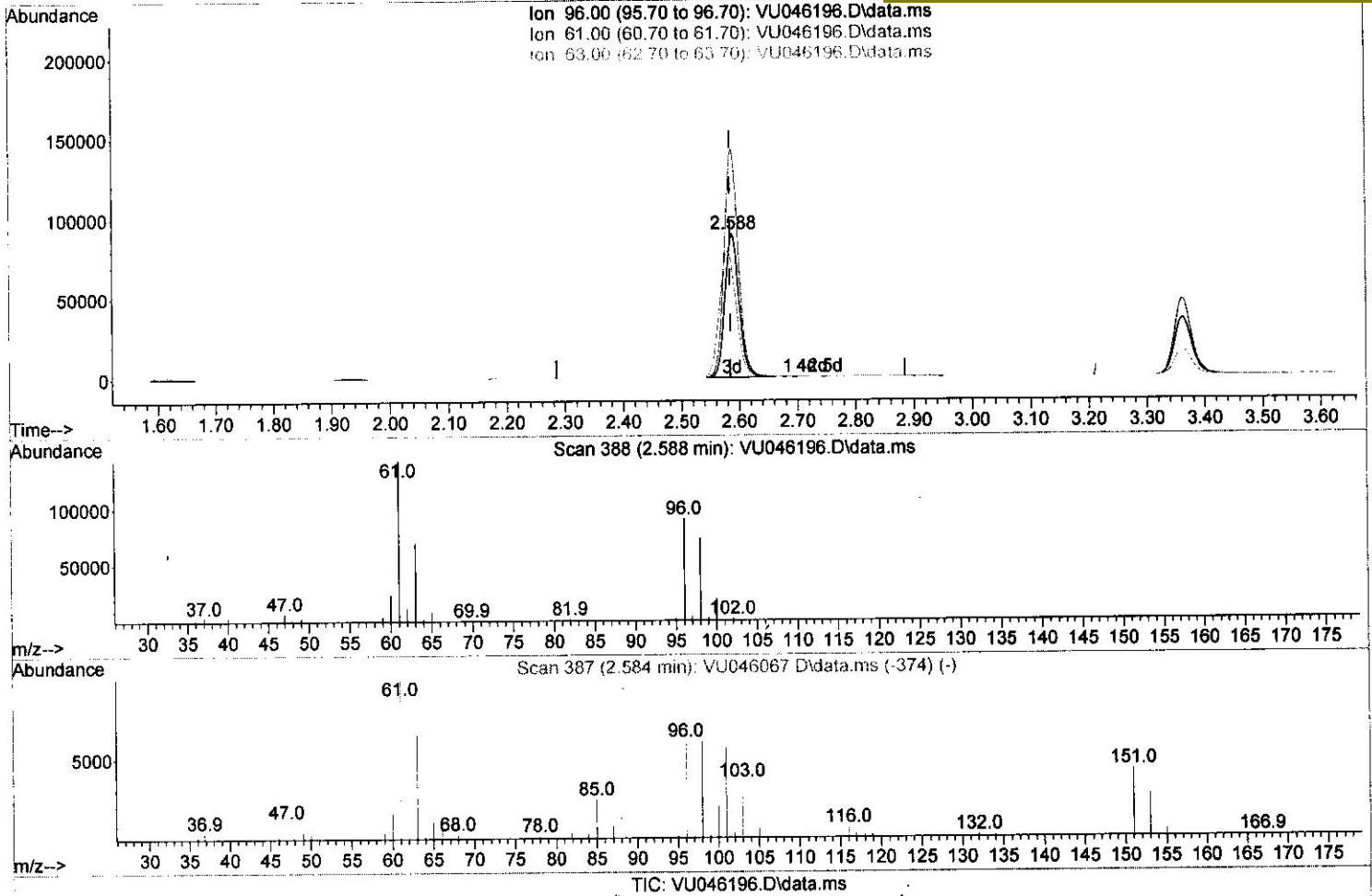
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(12) 1,1-Dichloroethene (T)

2.588min (+ 0.003) 102.26 ug/L

response 152062

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	169.40	158.76
63.00	132.90	77.18#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215063	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56320	31.791	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	63.580%		
7) Chloroethane-d5	1.919	69	46738	34.361	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	68.720%#		
11) 1,1-Dichloroethene-d2	2.581	63	159820	50.253	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	100.500%		
21) 2-Butanone-d5	4.649	46	129834	92.191	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	92.190%		
24) Chloroform-d	5.067	84	124930	42.228	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	84.460%		
26) 1,2-Dichloroethane-d4	5.706	65	81440	41.018	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	82.040%		
32) Benzene-d6	5.732	84	248974	40.752	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	81.500%		
36) 1,2-Dichloropropane-d6	6.694	67	80087	42.297	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	84.600%		
41) Toluene-d8	7.899	98	232275	41.756	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	83.520%		
43) trans-1,3-Dichloroprop...	8.179	79	42851	46.882	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	93.760%		
47) 2-Hexanone-d5	8.632	63	103559	115.354	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	115.350%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133554	46.511	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	93.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	99008	45.212	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	90.420%		
Target Compounds						
5) Vinyl chloride	1.610	62	43800m	20.756	ug/L	
8) Chloroethane	1.938	64	31447	25.738	ug/L	99
9) Trichlorofluoromethane	2.147	101	3887	1.411	ug/L	93
12) 1,1-Dichloroethene	2.588	96	152062m	102.258	ug/L	
13) Acetone	2.658	43	32168	18.276	ug/L	96
14) Carbon disulfide	2.809	76	71358	15.467	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	77118	49.005	ug/L	99
19) 1,1-Dichloroethane	3.877	63	5743889	2007.448	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	11282483	6607.473	ug/L	95
27) 1,2-Dichloroethane	5.797	62	65065	27.581	ug/L	99
29) Cyclohexane	5.388	56	5853	2.358	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	4005819	1530.968	ug/L	98
33) Benzene	5.777	78	44741	6.935	ug/L	100
34) Trichloroethene	6.542	95	17274	10.164	ug/L	98
35) Methylcyclohexane	6.768	83	17138	6.503	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	84809	34.155	ug/L	98
42) Toluene	7.970	91	1023258	147.814	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	6750	3.981	ug/L	98
46) Tetrachloroethene	8.555	164	17856	14.296	ug/L	97

SY
12/12/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.571	91	690160	92.636	ug/L	98
53) m,p-Xylene	9.693	106	1063755	366.120	ug/L	98
54) o-xylene	10.102	106	567058	201.136	ug/L	96
61) Isopropylbenzene	10.484	105	126091	17.043	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	926159	150.188	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	3894329	631.203	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	9840	2.780	ug/L	99

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