

(QT Reviewed)

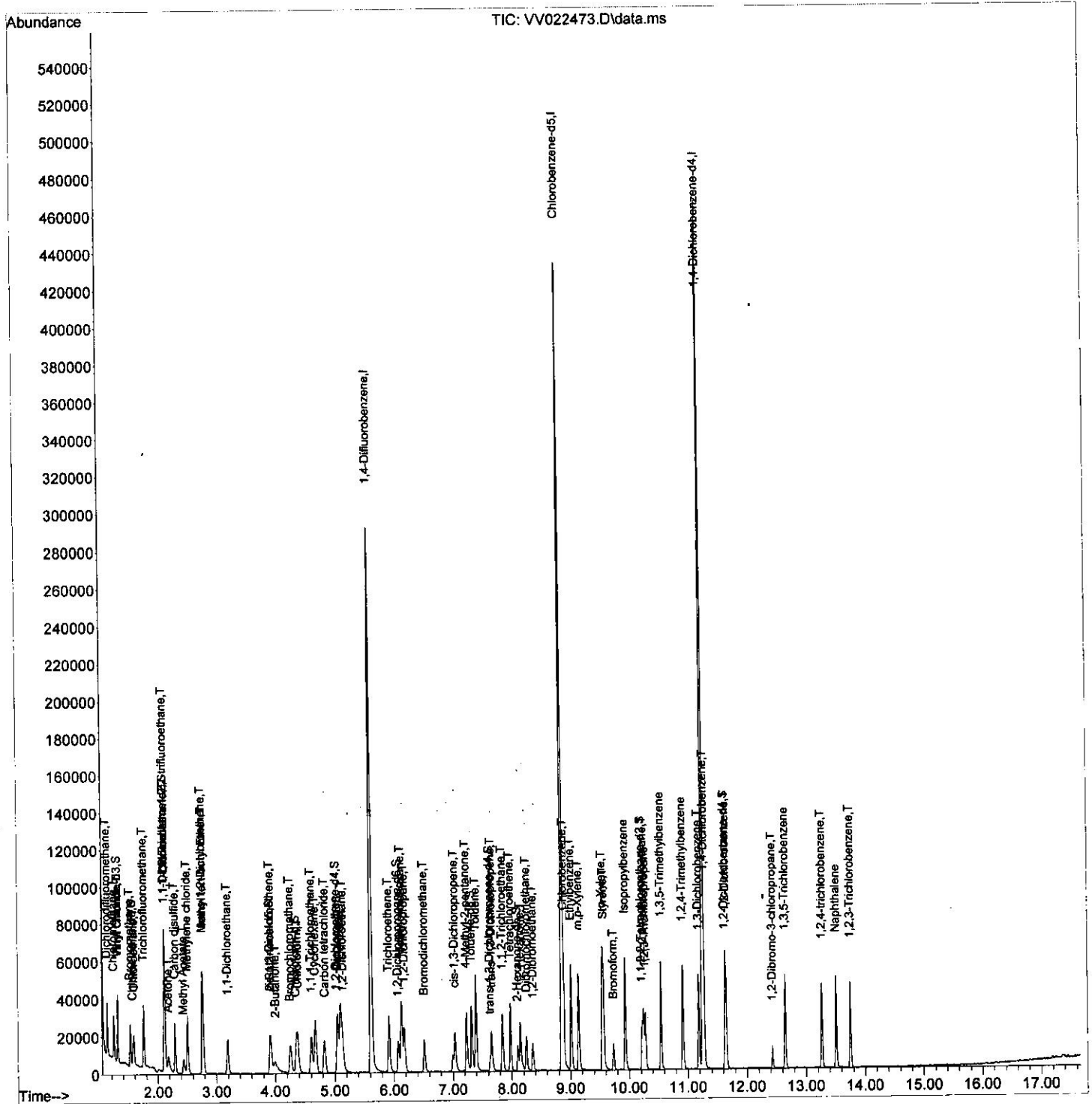
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022473.D
Acq On : 01 Oct 2021 17:35
Operator : SY/MD
Sample : VSTD00557
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

Manual Integrations

MMDadoda
10/6/2021 2:23:54 PM

Quant Time: Oct 02 00:39:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 00:39:18 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

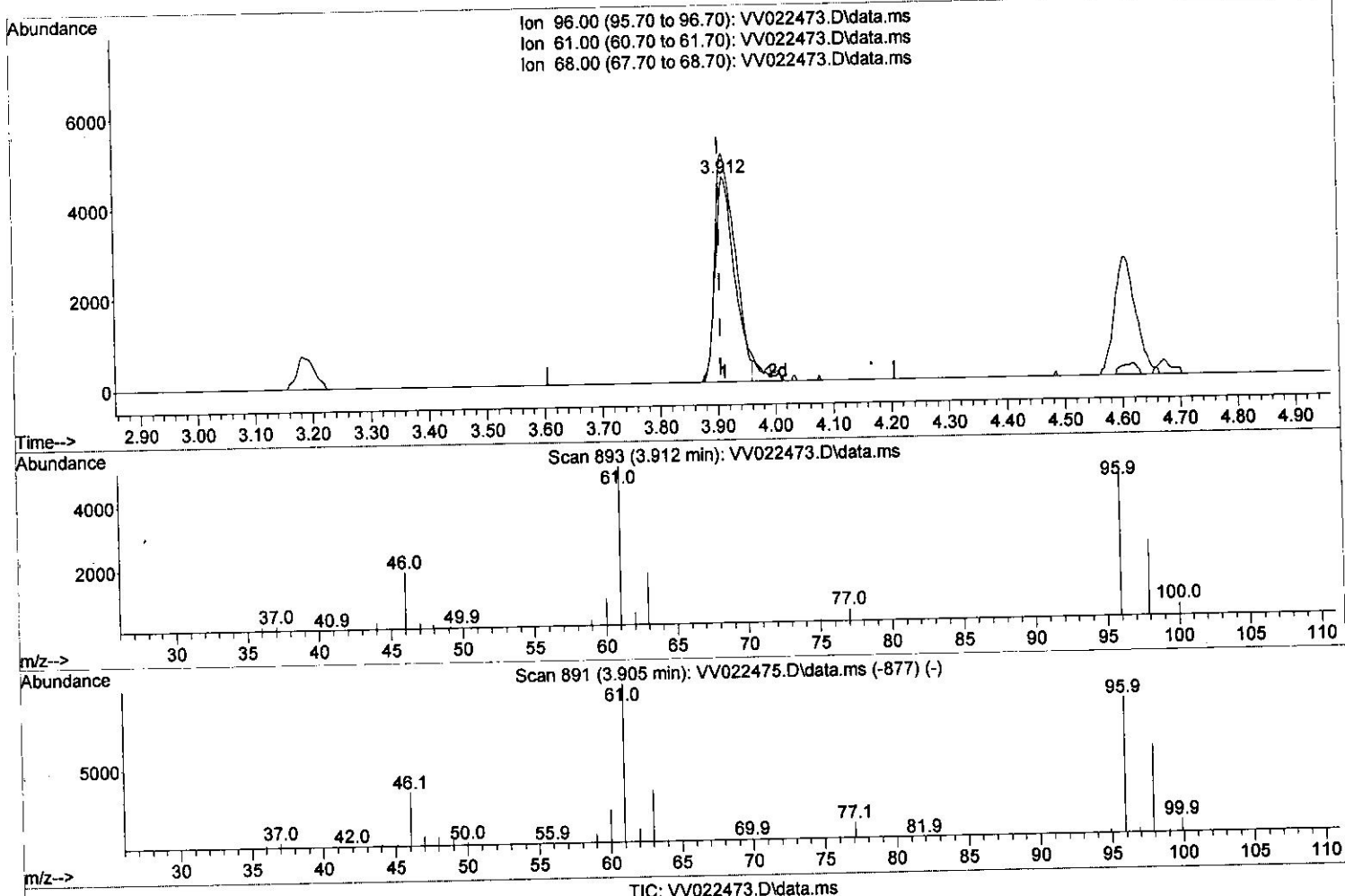
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(20) cis-1,2-Dichloroethene (T)

3.912min (+ 0.006) 5.03 ug/L

response 10594

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	117.00	111.27
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

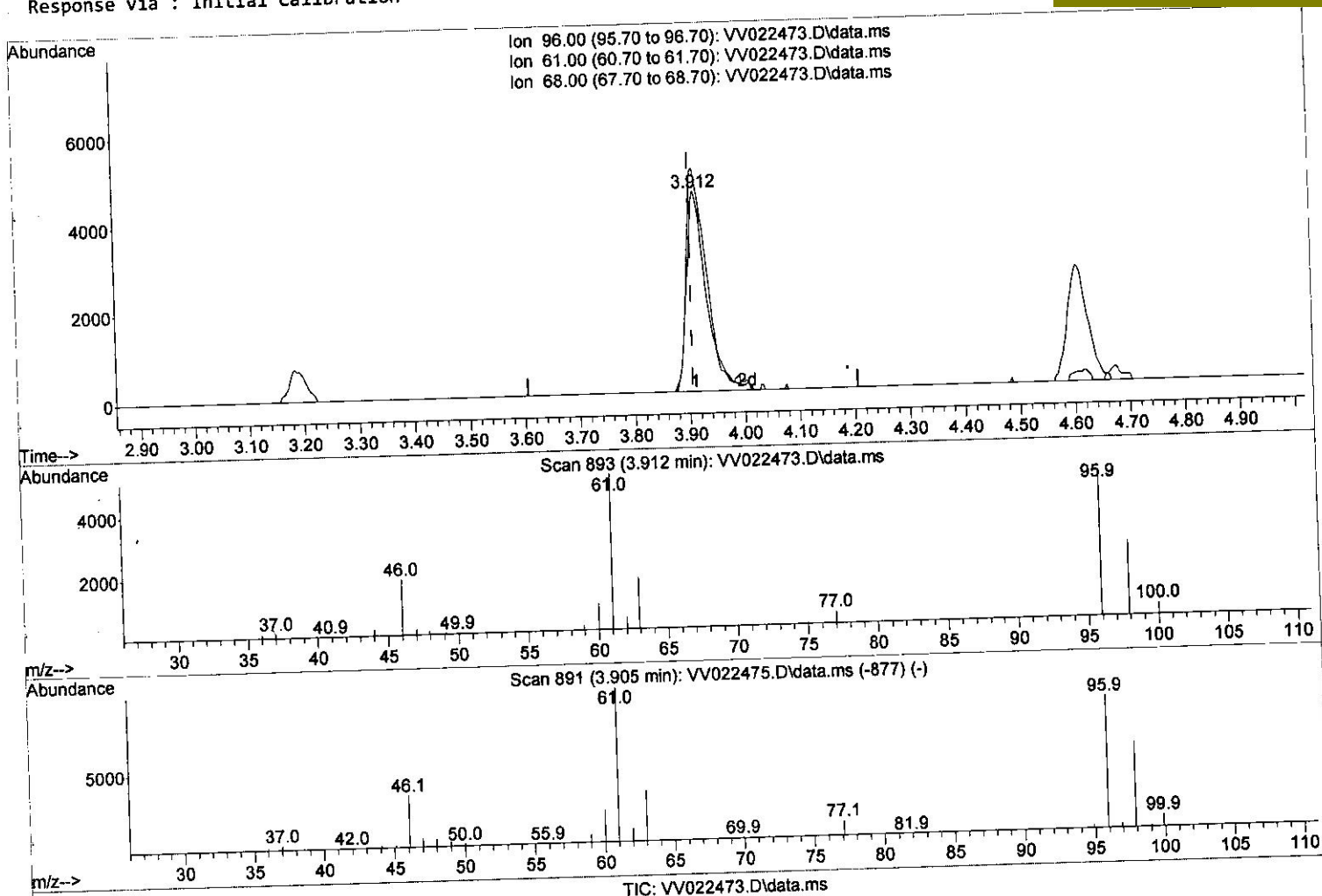
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(20) cis-1,2-Dichloroethene (T)

3.912min (+ 0.006) 5.30 ug/L m

response 11176

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	117.00	111.27
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

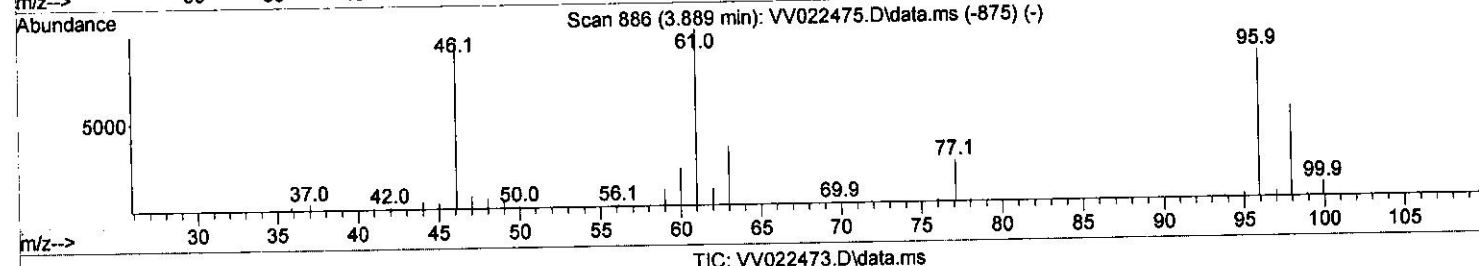
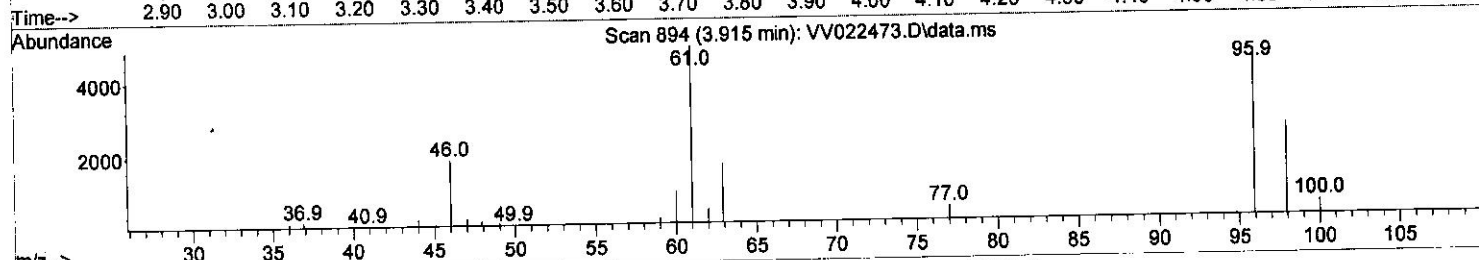
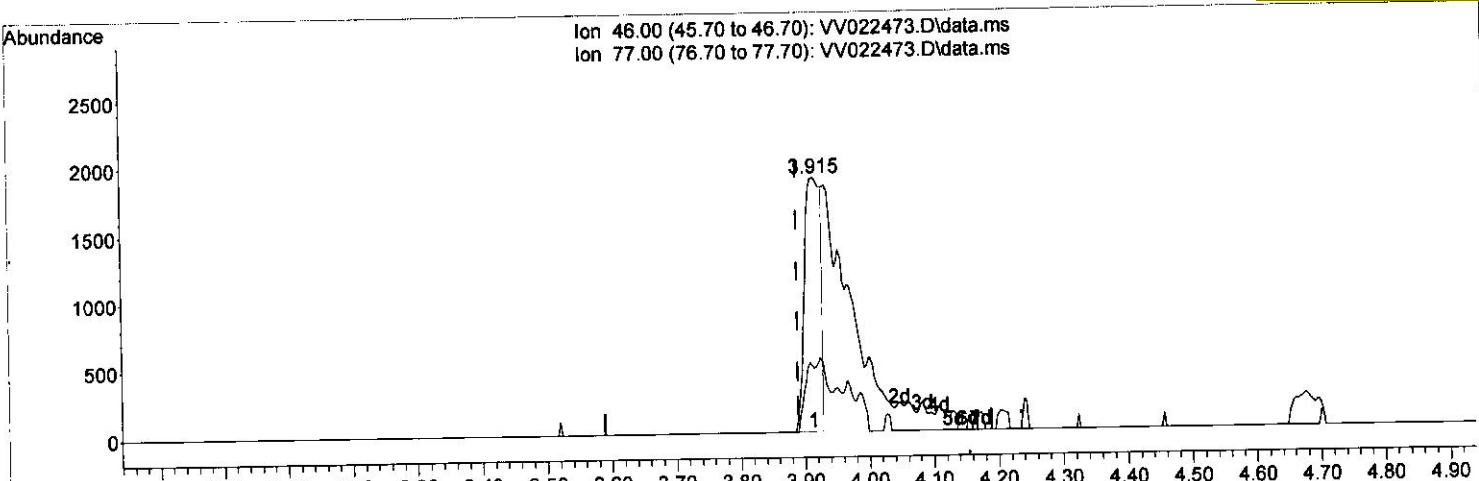
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TIC: VV022473.D\data.ms

(21) 2-Butanone-d5 (S)

3.915min (+ 0.026) 2.38 ug/L

response 3319

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	16.87#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

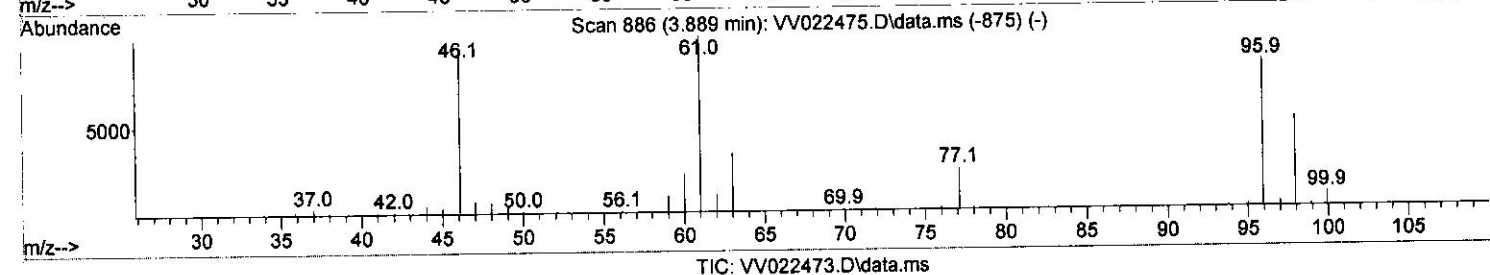
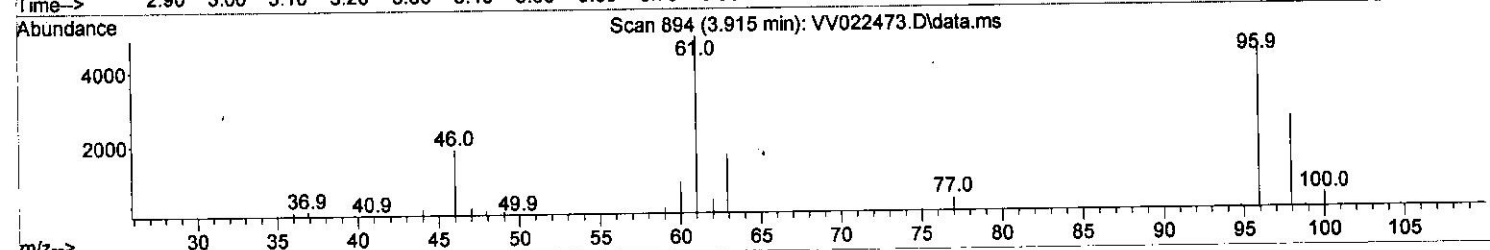
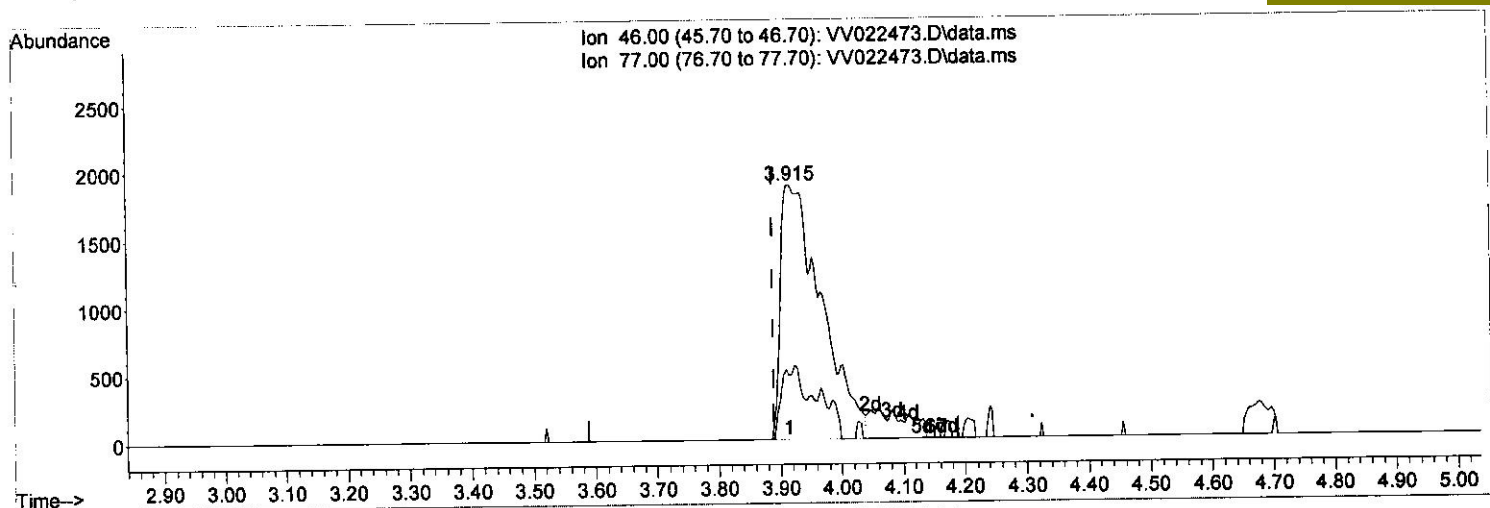
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TIC: VV022473.D\data.ms

(21) 2-Butanone-d5 (S)

3.915min (+ 0.026) 6.22 ug/L

response 8657

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.40	6.47#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

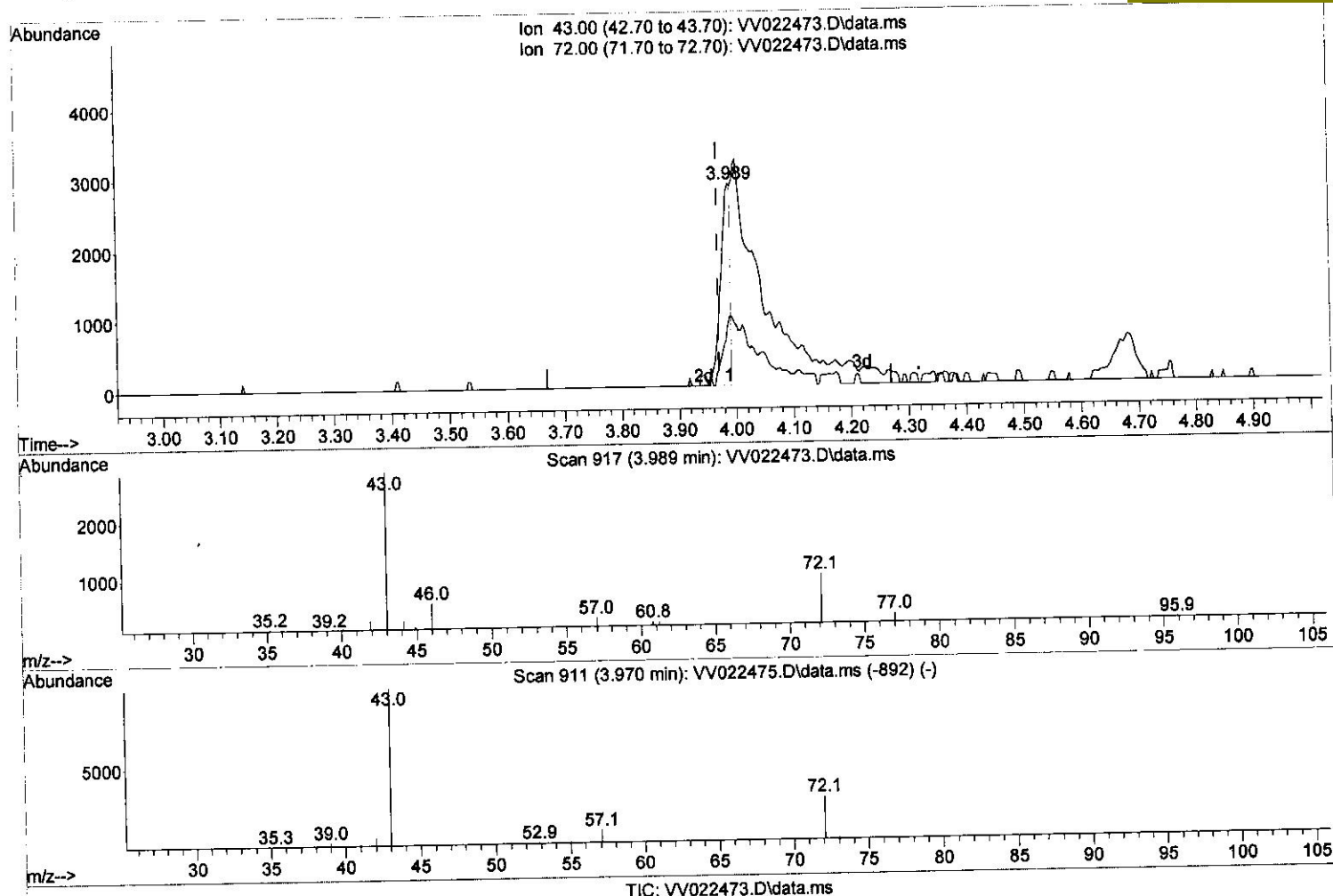
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(22) 2-Butanone (T)

3.989min (+ 0.019) 2.24 ug/L

response 3482

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	19.90	47.76#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

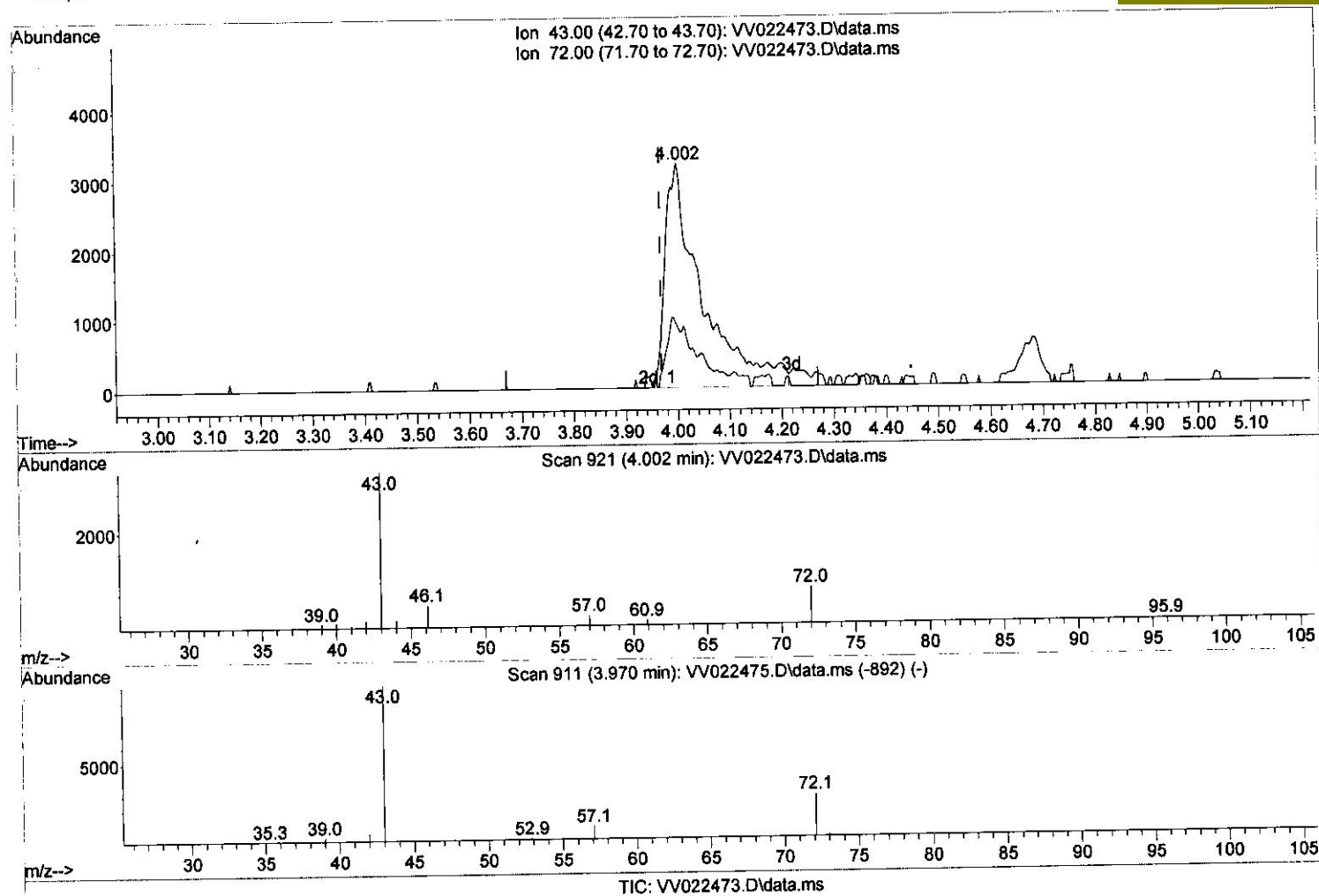
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(22) 2-Butanone (T)

4.002min (+ 0.032) 10.01 ug/L m } M.D. 10/13/21

response 15542

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	19.90	10.70
0.00	0.00	0.00
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	5.612	114	261256	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	245426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8879	4.245	ug/L	0.00
7) Chloroethane-d5	1.564	69	6481	3.919	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	16439	4.428	ug/L	0.00
21) 2-Butanone-d5	3.915	46	8657m	6.217	ug/L	0.03
24) Chloroform-d	4.349	84	14208	3.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	8215	3.570	ug/L	0.00
32) Benzene-d6	5.053	84	27043	3.727	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	8728	3.758	ug/L	0.00
41) Toluene-d8	7.317	98	24540	3.687	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	3438	3.229	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	5261	5.665	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	10940	3.271	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	10006	3.796	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	15405	6.121	ug/L	98
3) Chloromethane	1.240	50	14444	5.651	ug/L	96
5) Vinyl chloride	1.310	62	13590	5.666	ug/L	100
6) Bromomethane	1.519	94	9237	5.917	ug/L	98
8) Chloroethane	1.584	64	8118	5.545	ug/L	100
9) Trichlorofluoromethane	1.751	101	18830	5.767	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	10875	5.916	ug/L	98
12) 1,1-Dichloroethene	2.117	96	9849	5.665	ug/L	90
13) Acetone	2.182	43	15230	12.941	ug/L #	53
14) Carbon disulfide	2.291	76	30120	5.606	ug/L	100
15) Methyl Acetate	2.436	43	10219	4.639	ug/L	95
16) Methylene chloride	2.506	84	12774	5.353	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	10930	5.524	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	29850	5.021	ug/L	98
19) 1,1-Dichloroethane	3.188	63	18864	5.309	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	11176m	5.303	ug/L	
22) 2-Butanone	4.002	43	15542m	10.006	ug/L	
23) Bromochloromethane	4.249	128	5739	5.010	ug/L	95
25) Chloroform	4.375	83	17995	4.929	ug/L	95
27) 1,2-Dichloroethane	5.133	62	13765	5.280	ug/L	100
29) Cyclohexane	4.674	56	14568	5.082	ug/L #	93
30) 1,1,1-Trichloroethane	4.606	97	15700	5.302	ug/L	98
31) Carbon tetrachloride	4.831	117	13868	5.310	ug/L	94
33) Benzene	5.098	78	38709	5.193	ug/L	100
34) Trichloroethene	5.915	95	10479	5.413	ug/L	97
35) Methylcyclohexane	6.127	83	16046	5.403	ug/L	96
37) 1,2-Dichloropropane	6.175	63	10207	5.332	ug/L #	93
38) Bromodichloromethane	6.510	83	11513	4.676	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	12175	4.280	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	23516	8.823	ug/L	96
42) Toluene	7.390	91	38338	4.802	ug/L	97

M.D.
 10/12/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.657	75	12410	4.575	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	9869	5.018	ug/L	96
46) Tetrachloroethene	7.976	164	8727	5.424	ug/L	92
48) 2-Hexanone	8.146	43	18977	9.471	ug/L #	89
49) Dibromochloromethane	8.249	129	9544	4.555	ug/L	99
50) 1,2-Dibromoethane	8.355	107	10321	4.915	ug/L	98
51) Chlorobenzene	8.882	112	27362	5.214	ug/L	99
52) Ethylbenzene	9.014	91	39617	4.748	ug/L	97
53) m,p-Xylene	9.143	106	15972	4.951	ug/L	98
54) o-Xylene	9.545	106	14787	4.705	ug/L	96
55) Styrene	9.564	104	24200	4.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	14596	4.556	ug/L #	98
59) Bromoform	9.731	173	6829	4.733	ug/L #	97
60) Isopropylbenzene	9.934	105	39244	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	11810	5.064	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	31529	4.913	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	30474	4.722	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	21537	5.472	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	22171	5.515	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	21030	5.233	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	2729	4.413	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	15713	5.485	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	13996	5.709	ug/L	99
71) Naphthalene	13.506	128	39247	5.188	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	14215	5.625	ug/L	98

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